
















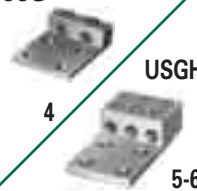




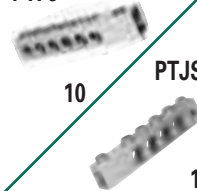

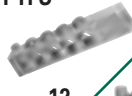









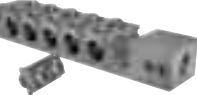
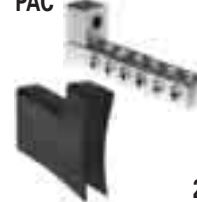



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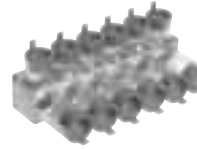




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Padmount Transformer Connectors

PET  2	TSG  3	USG  4 USGH  5-6	USGL  7	PTF  8 DMSB  9	PTFJ  10 PTJS  11
PTFS  12 PTFI  13	PTNU  14	PTIN  15	PTFC  16	PTFB  17	PTFR  18
PTSS  19	PSS  20	PSSI  21	PFLJ  22	PAC  23	ADT  24

Pedestal and Handhole Connectors

UPED  26-27	PEDL  28	UGA  29	UGD  30	PSHD  31	PEIN  32
PSSS  33	PESS  34				

Splicing

SPA  36	USPU  37	SPLK  38	USK  39
---------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------

Street Light Connectors

<p>SLWB</p> <p>41</p>	<p>SLNB</p> <p>42</p>	<p>SLIN</p> <p>43</p>	<p>PCT</p> <p>44</p>	<p>UPC</p> <p>45-46</p>
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Overhead Connectors

<p>PTT</p> <p>48</p>	<p>UPG</p> <p>49</p>	<p>SXA</p> <p>50</p>	<p>OHST</p> <p>51</p>	<p>TNT</p> <p>52</p>	<p>MST</p> <p>53</p>
<p>OHB</p> <p>54</p>	<p>UPC</p> <p>55-56</p>				

Metering Connectors

<p>TA</p> <p>58</p>	<p>AU</p> <p>59</p>	<p>T3A</p> <p>60</p>	<p>T4A4</p> <p>61</p>	<p>PB</p> <p>62</p>	<p>UPC</p> <p>63-64</p>
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Insulated Mechanical Connectors

<p>PBT</p> <p>66</p>	<p>PBTD</p> <p>67-69</p>	<p>UPBT</p> <p>70</p>	<p>PBTS</p> <p>71-73</p>	<p>PBTM</p> <p>74-75</p>	<p>PCT</p> <p>76</p>	<p>SPAR</p> <p>77</p>
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Compression

HT  79	ULT  80	ELT  81	UCS  82	AS  83-85	IACL  86	ACL  87-90		
2IACL  91	2ACL  92-93	ASL  94	ACM  95-97	ACO  98-99	CPM  100-102			
CT  103	CTL  104	PICS  105 P840 106	CSWS  107-109	CSWD  110-115	CLWS  116-118	CLNS  119-121	CLWD  122-127	CLND  128-133

Split Bolts

IK3  135	AK  136	DBA, DBA-S  137	IK  138	IKB  139	IKS  140
SK  141	GTA  142	GTT  143	GTC  144	GT2  145	

Hot Line Clamps

SCH  147	HLC  148	STRP  149	LAC  150	OTC  151-152	OTS  153
----------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------

Grounding

<p>GC</p> <p>155</p> <p>GGC</p> <p>156</p>	<p>GGA</p> <p>157</p> <p>BGRC</p> <p>158</p>	<p>CGRC</p> <p>159</p> <p>SRC</p> <p>160</p>	<p>GRC</p> <p>161</p> <p>RLT</p> <p>162</p>	<p>GRM</p> <p>163</p>	<p>AGC & SGC</p> <p>164</p>
<p>BGDB</p> <p>165</p>	<p>GBL</p> <p>166</p>	<p>CGBL</p> <p>167</p>	<p>SPS</p> <p>168-169</p> <p>SPD</p> <p>170-171</p>	<p>TTGC</p> <p>172</p>	<p>T</p> <p>173-180</p>

Tools

<p>ILCB-12-N</p> <p>182</p>	<p>IDTB-6</p> <p>183</p>	<p>ILC-12-N</p> <p>184</p>	<p>IDT-6</p> <p>185</p>	<p>IDT-12-N</p> <p>186</p>	<p>IDT-6H</p> <p>187</p>
<p>ILC-12H-N</p> <p>188</p>	<p>ILC-15H</p> <p>189</p>	<p>5ACR</p> <p>190</p>	<p>FP-1</p> <p>191</p>	<p>HH-10N</p> <p>192</p>	<p>MT-25</p> <p>193</p>
<p>94285</p> <p>194</p>	<p>ND-58</p> <p>195</p>	<p>ND-60</p> <p>196</p>	<p>ILC-10-N</p> <p>197</p>	<p>94130</p> <p>198</p>	<p>94140</p> <p>198</p>
<p>WS-1</p> <p>198</p>	<p>MECHANICAL TOOLS</p> <p>199</p>	<p>CTR</p> <p>200</p>	<p>COMPRESSION DIES</p> <p>201-203</p>	<p>TOOLING INFORMATION</p> <p>204-209</p>	<p>TOOL ACCESSORIES</p> <p>210</p>







Accessories

<p>LOCK</p>  <p>212</p>	<p>SQGD</p>  <p>213</p>	<p>UDEO</p>  <p>214</p>	<p>SIL</p>  <p>214</p>	<p>DS</p>  <p>215</p>	<p>NBW</p>  <p>216</p>
<p>HSHW</p>  <p>217</p>	<p>HSEC</p>  <p>218</p>	<p>HSGN</p>  <p>219</p>			





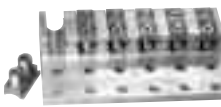





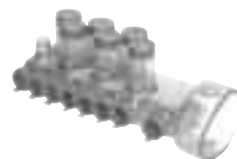








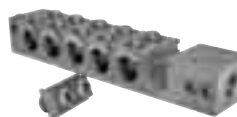


Covers

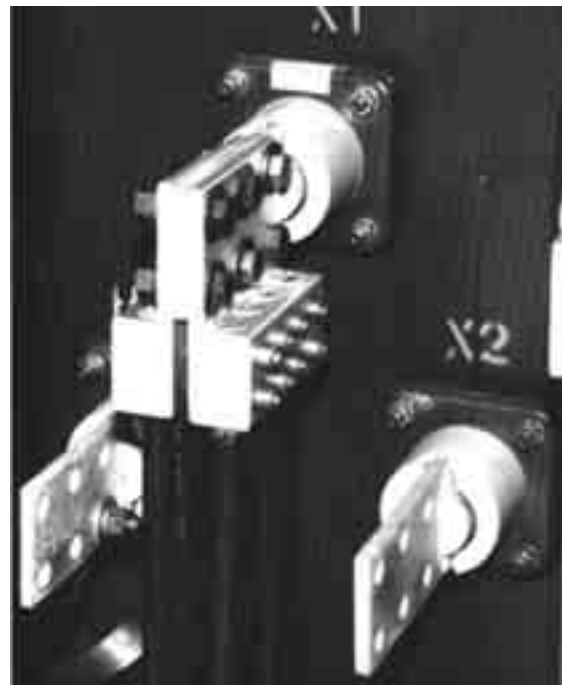
<p>USBC</p>  <p>221</p>	<p>UMPC-15</p>  <p>222</p>	<p>LK, RL</p>  <p>223</p>	<p>RCOV</p>  <p>224</p>	<p>PACC</p>  <p>225</p>	<p>PSAC</p>  <p>225</p>
<p>PCOV</p>  <p>226</p>	<p>PSSB</p>  <p>227</p>	<p>OCOV</p>  <p>228</p>	<p>SCOV</p>  <p>228</p>		

Power Distribution Blocks

<p>LDA/LDB</p>  <p>230</p>	<p>PDA/PDC</p>  <p>231</p>	<p>PDB</p>  <p>232-234</p>	<p>PDB</p>  <p>235</p>	<p>PDB</p>  <p>236</p>	<p>PDB</p>  <p>237</p>
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Padmount Transformer Connectors

<p>PET</p>  <p>2</p>	<p>TSG</p>  <p>3</p>	<p>USG</p>  <p>4</p>	<p>USGH</p>  <p>5 - 6</p>	<p>USGL</p>  <p>7</p>
<p>PTF</p>  <p>8</p> <p>DMSB</p>  <p>9</p>	<p>PTFJ</p>  <p>10</p> <p>PTJS</p>  <p>11</p>	<p>PTFS</p>  <p>12</p>	<p>PTFI</p>  <p>13</p>	<p>PTNU</p>  <p>14</p>
<p>PTIN</p>  <p>15</p>	<p>PTFC</p>  <p>16</p>	<p>PTFB</p>  <p>17</p>	<p>PTFR</p>  <p>18</p>	<p>PTSS</p>  <p>19</p>
<p>PSS</p>  <p>20</p>	<p>PSSI</p>  <p>21</p>	<p>PFLJ</p>  <p>22</p>	<p>PAC</p>  <p>23</p>	<p>ADT</p>  <p>24</p>



A

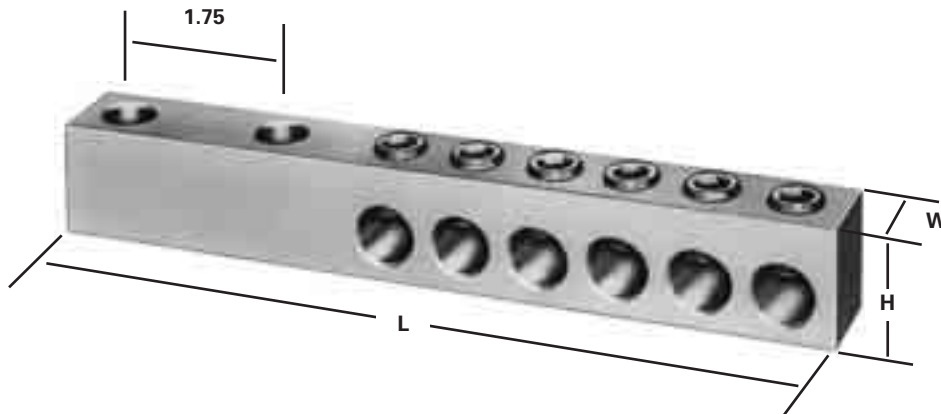
TYPE PET

Features

- Available in four, six, or eight conductor configurations in four wire ranges
- Predrilled 1/2" mounting holes
- Manufactured from high strength 6061-T6 aluminum alloy
- May be mounted back to back for heavy duty applications
- Clear plated
- Rated for 600 volts
- Range taking
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Provides multiple conductor installation for a wide range of conductors
- Allows easy attachment. May be bolted back to back for heavy duty applications
- Suitable for use with either copper or aluminum conductors
- Installation flexibility
- Provides low contact resistance
- Ensures reliability
- Reduces inventory
- Industry standard



Catalog Number	Number of Ports	Wire Range	Diameter of Mounting Hole	Bolt Size	Dimensions			Torque (In. Lbs.)
					L	H	W	
PET4-350	4	350kcmil-10	9/16	1/2	6-7/8	1-3/8	1	350
PET5-350	5	350kcmil-10	9/16	1/2	7-13/16	1-3/8	1	350
PET6-350	6	350kcmil-10	9/16	1/2	8-11/16	1-3/8	1	350
PET8-350	8	350kcmil-10	9/16	1/2	10-1/2	1-3/8	1	350
PET4-500	4	500kcmil-2	9/16	1/2	7-15/16	1-5/8	1	450
PET5-500	5	500kcmil-2	9/16	1/2	9-1/16	1-5/8	1	450
PET6-500	6	500kcmil-2	9/16	1/2	10-3/16	1-5/8	1	450
PET8-500	8	500kcmil-2	9/16	1/2	12-7/16	1-5/8	1	450
PET4-750	4	750kcmil-1/0	9/16	1/2	8-11/16	1-3/4	1-3/16	500
PET6-750	6	750kcmil-1/0	9/16	1/2	11-15/16	1-3/4	1-3/16	500
PET8-750	8	750kcmil-1/0	9/16	1/2	13-15/16	1-3/4	1-3/16	500

PET OPTIONS:

P - Inhibitor

Example:

PET4-350P

Inhibitor Must be **LAST**

TYPE TSG

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Clear plated
- Rated for 600 volts
- Range taking
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Provides low contact resistance
- Ensures reliability
- Reduces inventory
- Industry standard



Fig. 1

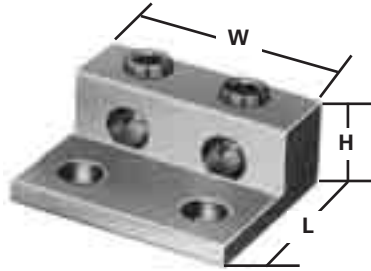


Fig. 2



Fig. 3



Fig. 4



Fig. 5

Catalog Number	Figure Number	Number of Mounting Holes	Number of Ports	Wire Range	Dimensions			Tang Thickness	Mounting Hole Spacing	Bolt Hole Size
					L	H	W			
TSG-350	1	1	1	350kcmil-10	2-1/4	1-1/4	1-1/4	1/4	-	1/2
TSG-350C22	2	2	2	350kcmil-10	2-1/4	1-1/4	3	1/4	1-3/4	1/2
TSG-350C23	3	2	3	350kcmil-10	2-1/4	1-1/4	3	1/4	1-3/4	1/2
TSG-350R34	4	3	4	350kcmil-10	2-1/4	1-1/4	4-5/8	1/4	1-3/4	1/2
TSG-350R46	5	4	6	350kcmil-10	2-1/4	1-1/4	6	1/4	1-3/4	1/2

TSG OPTIONS:

- D - Disc Pad Screw
- P - Inhibitor

Example:

TSG-350R34DP

Disc Pad Screw
 Inhibitor Must be **LAST**

TYPE USG

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Clear plated
- Rated for 600 volts
- Range taking
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Provides low contact resistance
- Ensures reliability
- Reduces inventory
- Industry standard



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5

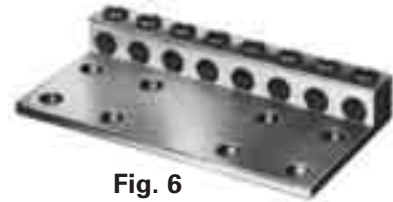


Fig. 6

Catalog Number	Figure Number	Number of Mtg. Holes	Number of Ports	Wire Range	Dimensions			Tang Thickness	Mtg. Hole Spacing	Bolt Hole Size
					L	H	W			
USG-350	1	2	1	350kcmil-6	4-1/4	1-7/16	1-1/4	5/16	1-3/4	1/2
USG-350C42	2	4	2	350kcmil-6	4-1/4	1-7/16	3	5/16	1-3/4	1/2
USG-350C43	3	4	3	350kcmil-6	4-1/4	1-7/16	3-1/8	5/16	1-3/4	1/2
USG-500	1	2	1	500kcmil-2	4-11/16	1-9/16	1-1/4	7/16	1-3/4	1/2
USG-500C42	2	4	2	500kcmil-2	5-1/2	1-1/2	2-3/4	7/16	1-3/4	1/2
USG-500C43	3	4	3	500kcmil-2	4-11/16	1-9/16	3-1/2	7/16	1-3/4	1/2
USG-350R64	4	6	4	350kcmil-6	4-1/4	1-7/16	4-5/8	3/8	1-3/4	1/2
USG-350R86	5	8	6	350kcmil-6	4-1/4	1-7/16	6-1/8	3/8	1-3/4	1/2
USG-350R88	6	8	8	350kcmil-6	4-1/4	1-7/16	8-1/8	3/8	1-3/4	1/2
USG-500R64	4	6	4	500kcmil-2	4-11/16	1-9/16	4-5/8	7/16	1-3/4	1/2
USG-500R86	5	8	6	500kcmil-2	4-11/16	1-9/16	6-7/8	7/16	1-3/4	1/2
USG-500R88	6	8	8	500kcmil-2	4-11/16	1-9/16	9-1/8	7/16	1-3/4	1/2

USG OPTIONS:

- D - Disc Pad Screw
- P - Inhibitor

Example:

USG-500C42D
Disc Pad Screw ↗

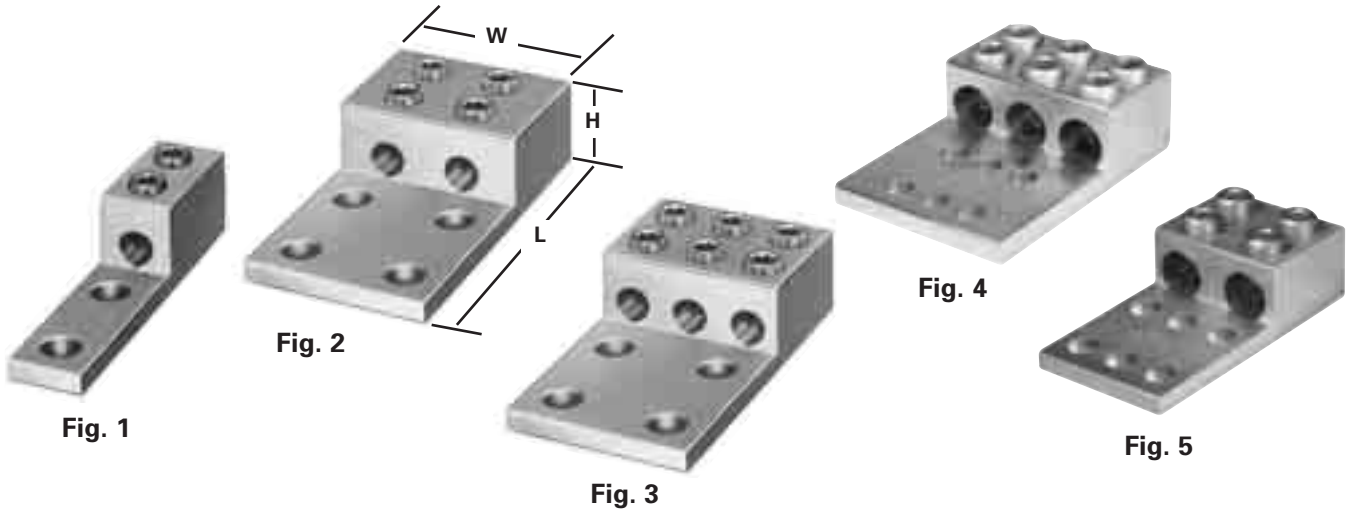
TYPE USGH

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Rated for 600 volts
- Range taking
- Clear plated
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Reduces inventory
- Provides low contact resistance
- Industry standard



Catalog Number	Figure Number	Number of Mtg. Holes	Number of Ports	Wire Range	Dimensions			Tang Thickness	Mtg. Hole Spacing
					L	H	W		
USG2-350	1	2	1	350kcmil-6	5-1/2	1-1/2	1-1/4	3/8	1-3/4
USG2-350C42*	5	6	2	350kcmil-6	5-1/2	1-1/2	2-3/4	3/8	1-3/4
USG2-350C43*	4	6	3	350kcmil-6	5-1/2	1-1/2	2-1/2	3/8	1-3/4
USG2-500	1	2	1	600kcmil-2	5-1/2	1-1/2	1-3/8	3/8	1-3/4
USG2-500C42*	5	6	2	600kcmil-2	5-1/2	1-1/2	2-3/4	3/8	1-3/4
USG2-500C43	3	4	3	600kcmil-2	5-1/2	1-1/2	3-1/2	3/8	1-3/4
USG2-750	1	2	1	800kcmil-300kcmil	5-31/32	1-13/16	1-1/2	1/2	1-3/4
USG2-750C42*	5	6	2	800kcmil-300kcmil	5-31/32	1-13/16	3	1/2	1-3/4
USG2-750C43*	4	6	3	800kcmil-350kcmil	5-31/32	1-13/16	4-1/8	1/2	1-3/4
USG2-1000	1	2	1	1000kcmil-500kcmil	5-31/32	1-13/16	1-5/8	1/2	1-3/4
USG2-1000C42*	5	6	2	1000kcmil-500kcmil	5-31/32	1-13/16	3-1/4	1/2	1-3/4
USG2-1000C43*	4	6	3	1000kcmil-500kcmil	5-31/32	1-13/16	4-7/8	1/2	1-3/4

* Mounting hole spacing from side to side, hole to hole is .875

USGH OPTIONS:

- T - Tin Plated
- D - Disc Pad Screw
- V - Long Screw
- P - Inhibitor

Example:

USG2-750R106DP

Disc Pad Screw
 Inhibitor Must be **LAST**

A

TYPE USGH

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Rated for 600 volts
- Range taking
- Clear plated
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Reduces inventory
- Provides low contact resistance
- Industry standard

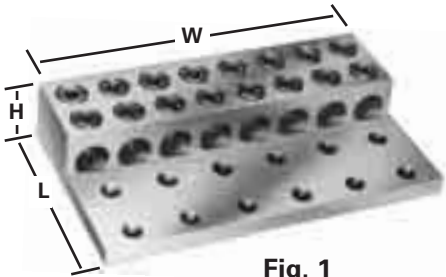


Fig. 1

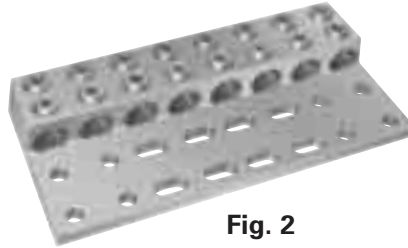


Fig. 2



Fig. 3

Catalog Number	Figure Number	Number of Mtg. Holes	Number of Ports	Wire Range	Dimensions			Tang Thickness	Mtg. Hole Spacing
					L	H	W		
USG2-350R64*	3	10	4	350kcmil-6	5-1/2	1-1/2	2-1/4	3/8	1-3/4
USG2-350R86	1	8	6	350kcmil-6	5-1/2	1-1/2	6-1/8	3/8	1-3/4
USG2-350R88	1	8	8	350kcmil-6	5-1/2	1-1/2	8-1/8	3/8	1-3/4
USG2-500R64*	3	10	4	600kcmil-2	5-1/2	1-1/2	5	3/8	1-3/4
USG2-500R86	1	8	6	500kcmil-2	5-1/2	1-1/2	6-7/8	3/8	1-3/4
USG2-500R108	1	10	8	500kcmil-2	5-1/2	1-1/2	9-1/8	3/8	1-3/4
USG2-600R64*	3	10	4	600kcmil-2	5-1/2	1-1/2	5	3/8	1-3/4
USG2-600R86	1	8	6	600kcmil-2	5-1/2	1-1/2	6-7/8	3/8	1-3/4
USG2-750R84	3	8	4	750kcmil-1/0	5-31/32	1-13/16	6-1/2	1/2	1-3/4
USG2-750R106	1	10	6	750kcmil-1/0	6-1/4	1-13/16	8-1/4	1/2	1-3/4
USG2-750R128	1	12	8	750kcmil-1/0	6-1/4	1-13/16	10-11/16	1/2	1-3/4
USG2-1000R84	1	8	4	1000kcmil-350kcmil	5-31/32	1-13/16	6-1/2	1/2	1-3/4
USG2-1000R126	1	12	6	1000kcmil-350kcmil	6-1/4	1-13/16	9-3/4	1/2	1-3/4
USG2-1000R168	2	16	8	1000kcmil-350kcmil	6-1/4	1-13/16	13	1/2	1-3/4

* Mounting hole spacing from side to side, hole to hole is .875

USGH OPTIONS:
D - Disc Pad Screw
V - Long Screw
P - Inhibitor

Example:
USG2-750R106DP
 Disc Pad Screw ———|
 Inhibitor Must be **LAST** |

TYPE USGL

Features

- Compact, lay-in design
- Fully tested to ANSI C119.4 for Class "A" connectors
- Manufactured from high strength 6061-T6 aluminum for strength and conductivity
- High strength aluminum 5/16" drive torque screw
- Clear plated coating
- Designed for installation on standard NEMA mounting holes, 1-3/4"

Benefits

- Solves the problem of trying to bend larger size cables into place
- Engineered for better heat dissipation and ensures reliability
- Dual rated for aluminum or copper conductors
- Enables range taking
- Provides low contact resistance
- Conforms to industry standards

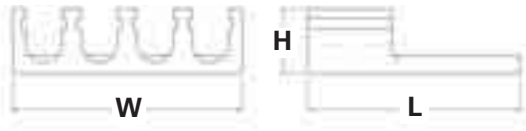


Fig. 1

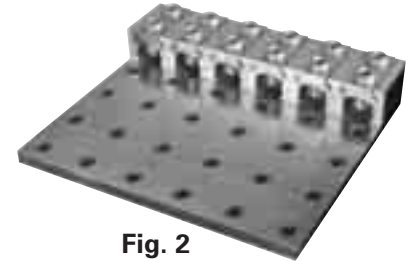


Fig. 2

Catalog Number	Figure Number	Number of Mtg. Holes	Number of Ports	Wire Range	Mounting Bolt Size	Dimensions			Hex Size
						W	L	H	
USGL-350R21	1	2	1	350kcmil-6	1/2	1.500	4.690	1.560	5/16
USGL-350R42	1	4	2	350kcmil-6	1/2	2.750	4.690	1.560	5/16
USGL-350R43	1	4	3	350kcmil-6	1/2	4.000	4.690	1.560	5/16
USGL-350R64	1	6	4	350kcmil-6	1/2	5.250	4.690	1.560	5/16
USGL-350R86	1	8	6	350kcmil-6	1/2	7.750	4.690	1.560	5/16
USGL-350R128	1	12	8	350kcmil-6	1/2	10.250	4.690	1.560	5/16
USGL-600R21	1	2	1	600kcmil-2	1/2	1.680	5.350	1.690	5/16
USGL-600R42	1	4	2	600kcmil-2	1/2	3.086	5.345	1.687	5/16
USGL-600R63	1	6	3	600kcmil-2	1/2	4.810	5.35	1.690	5/16
USGL-600R84	1	8	4	600kcmil-2	1/2	6.450	5.345	1.687	5/16
USGL-600R106	1	10	6	600kcmil-2	1/2	8.686	5.345	1.687	5/16
USGL-600R148	1	14	8	600kcmil-2	1/2	11.700	5.345	1.687	5/16
USGL-750R21	1	2	1	750kcmil-1/0	1/2	1.760	5.970	1.810	5/16
USGL-750R42	1	4	2	750kcmil-1/0	1/2	3.311	5.970	1.813	5/16
USGL-750R63	1	6	3	750kcmil-1/0	1/2	4.888	5.970	1.813	5/16
USGL-750R84	1	8	4	750kcmil-1/0	1/2	6.450	5.970	1.813	5/16
USGL-750R126	1	12	6	750kcmil-1/0	1/2	9.950	5.970	1.813	5/16
USGL-750R148	1	14	8	750kcmil-1/0	1/2	12.300	5.970	1.813	5/16
USGL-1000R21	1	2	1	1000kcmil-1/0	1/2	2.000	6.190	1.880	5/16
USGL-1000R42	1	4	2	1000kcmil-1/0	1/2	3.687	6.187	1.875	5/16
USGL-1000R63	1	6	3	1000kcmil-1/0	1/2	5.370	6.190	1.880	5/16
USGL-1000R84	1	8	4	1000kcmil-1/0	1/2	7.061	6.187	1.875	5/16
USGL-1000R126	1	12	6	1000kcmil-1/0	1/2	10.435	6.187	1.875	5/16
USGL-1000R168	1	16	8	1000kcmil-1/0	1/2	13.809	6.187	1.875	5/16
USGEL-750R123	2	12	3	750kcmil-1/0	1/2	4.889	8.970	1.813	5/16
USGEL-750R246	2	24	6	750kcmil-1/0	1/2	9.950	8.970	1.813	5/16
USGEL-750R82	2	8	2	750kcmil-1/0	1/2	3.311	8.970	1.813	5/16

See page 223 for cover information

USGL OPTIONS:
P - Inhibitor

Example:
USGL-350R21P
↑
Inhibitor Must be **LAST**

A

TYPE PTF

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Rated for 600 volts
- Range taking
- Clear plated
- Meets or exceeds ANSI C119.4 Class A specifications
- Use on transformers with threaded stud secondary

Benefits

- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Reduces inventory
- Provides low contact resistance
- Industry standard
- Installation ease

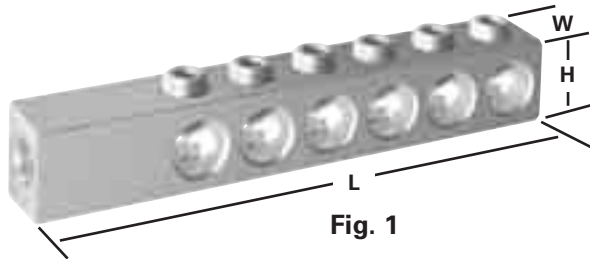


Fig. 1



Fig. 2



Fig. 3

Catalog Number	Figure Number	Number of Ports	Wire Range	For Transformer Stud	Dimensions		
					L	H	W
PTF2-350	1	2	350kcmil-10	5/8-11	3-7/8	1-1/4	1
PTF3-350	1	3	350kcmil-10	5/8-11	4-7/8	1-1/4	1
PTF4-350	1	4	350kcmil-10	5/8-11	5-7/8	1-1/4	1
PTF5-350	1	5	350kcmil-10	5/8-11	6-7/8	1-1/4	1
PTF6-350	1	6	350kcmil-10	5/8-11	7-7/8	1-1/4	1
PTF8-350	1	8	350kcmil-10	5/8-11	9-7/8	1-1/4	1
PTF4-500	1	4	500kcmil-2	1-14	6-7/8	1-7/16	1-5/16
PTF6-500	1	6	500kcmil-2	1-14	9-1/8	1-7/16	1-5/16
PTF8-500	1	8	500kcmil-2	1-14	11-3/8	1-7/16	1-5/16
PTF4-750	2	4	750kcmil-1/0	1-14	8-11/16	2	2-1/2
PTF6-750	2	6	750kcmil-1/0	1-14	12	2	2-1/2
PTF8-750	2	8	750kcmil-1/0	1-14	15-5/16	2	2-1/2
PTF33-500	3	6	500kcmil-10	1-14	5-3/4	2-3/4	1-3/4

PTF OPTIONS:

- A - Anodized Screw
- D - Disc Pad Screw
- P - Inhibitor

Example:

PTF2-350P

Inhibitor Must be **LAST**

TYPE DMSB

Features

- Left or Right hand mounting from either end
- 600 size fits both 1" and 5/8" stud diameters
- 350 size fits 5/8" stud diameters
- Dual rated and range taking for copper and aluminum conductors
- Two street light holes standard
- Clear plated
- Meets or exceeds ANSI C119.6 Class A

Benefits

- Reversible design
- Versatile - reduces inventory
- Smaller design
- AL - CU can be used with copper or aluminum conductors
- Versatility
- Provides low contact resistance
- Industry standard



Fig. 1



Fig. 2



Catalog Number	Figure Number	Number of Ports	Street Light Tap	Wire Range Main	Street Light Range	Dimensions			Hex Size	Transformer Stud Size
						L	H	W		
DMSB6-3502SL	1	6	2	350kcmil-10str	1/0-14str	3.400	2.600	3.120	5/16	5/8
DMSB8-3502SL	1	8	2	350kcmil-10str	1/0-14str	4.600	2.600	3.120	5/16	5/8
DMSB6-6002SL	2	6	2	600kcmil-2str	1/0-14str	3.875	2.937	3.612	5/16	5/8-1
DMSB8-6002SL	2	8	2	600kcmil-2str	1/0-14str	5.125	2.937	3.612	5/16	5/8-1

See page 221 for additional information on covers.
Additional port designs available, consult factory.

DMSB OPTIONS:

P - Inhibitor

Example:

DMSB6-3502SLP

Inhibitor Must be **LAST**

A

TYPE PTFJ

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Rated for 600 volts
- Range taking
- Clear plated
- Meets or exceeds ANSI C119.4 Class A specifications
- Slip fit design

Benefits

- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Reduces inventory
- Provides low contact resistance
- Industry standard
- Installation ease

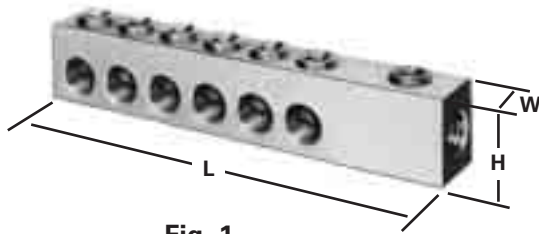


Fig. 1



Fig. 2

Catalog Number	Figure Number	Number of Ports	Wire Range	For Transformer Stud	Dimensions		
					L	H	W
PTF2-350J	1	2	350kcmil-10	5/8-11	3-7/8	1-1/4	1
PTF3-350J	1	3	350kcmil-10	5/8-11	4-7/8	1-1/4	1
PTF4-350J	1	4	350kcmil-10	5/8-11	5-7/8	1-1/4	1
PTF5-350J	1	5	350kcmil-10	5/8-11	6-7/8	1-1/4	1
PTF6-350J	1	6	350kcmil-10	5/8-11	7-7/8	1-1/4	1
PTF8-350J	1	8	350kcmil-10	5/8-11	9-7/8	1-1/4	1
PTF4-500J	1	4	500kcmil-2	1-14	6-7/8	1-7/16	1-5/16
PTF6-500J	1	6	500kcmil-2	1-14	9-1/8	1-7/16	1-5/16
PTF8-500J	1	8	500kcmil-2	1-14	11-3/8	1-7/16	1-5/16
PTF4-750J	2	4	750kcmil-1/0	1-14	8-11/16	2	2-1/2
PTF6-750J	2	6	750kcmil-1/0	1-14	12	2	2-1/2

PTFJ OPTIONS:

- D - Disc Pad Screw
- A - Anodized Screw
- P - Inhibitor
- X - Special Marking

Example:

PTF6-500JDAP

- Slip Fit
- Disc Pad Screw
- Inhibitor Must be **LAST**

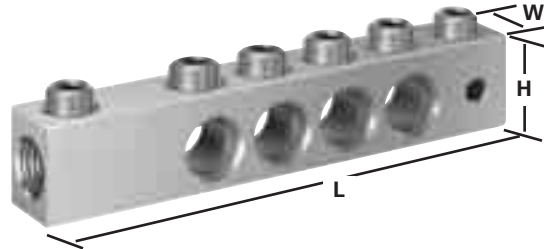
TYPE PTJS

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Rated for 600 volts
- Range taking
- Clear plated
- Meets or exceeds ANSI C119.4 Class A specifications
- Use on transformers with threaded stud secondary

Benefits

- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Reduces inventory
- Provides low contact resistance
- Industry standard
- Installation ease



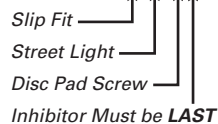
Catalog Number	Number of Ports	Wire Range	Street Light Range	For Transformer Stud	Dimensions		
					L	H	W
PTF4-350JSL	4	350kcmil-10	2-14	5/8-11	5-7/8	1-1/4	1
PTF4-350JSLP	4	350kcmil-10	2-14	5/8-11	5-7/8	1-1/4	1
PTF6-350JSL	6	350kcmil-10	2-14	5/8-11	7-7/8	1-1/4	1
PTF6-350JSL1	6	350kcmil-10	2-14	1-14	7-7/8	1-1/4	1
PTF6-350JSLDP	6	350kcmil-10	2-14	5/8-11	7-7/8	1-1/4	1
PTF6-350JSLP	6	350kcmil-10	2-14	5/8-11	7-7/8	1-1/4	1
PTF6-500JSL	6	500kcmil-2	2-14	1-14	9-1/8	1-7/16	1-5/16
PTF6-500JSLDP	6	500kcmil-2	2-14	1-14	9-1/8	1-7/16	1-5/16
PTF6-500JSLP	6	500kcmil-2	2-14	1-14	9-1/8	1-7/16	1-5/16
PTF6-750JSLP	6	750kcmil-1/0	2-14	1-14	12	2	2-1/2
PTF8-350JSL	8	350kcmil-10	2-14	5/8-11	10-59/64	1-1/4	1
PTF8-350JSL1P	8	350kcmil-10	2-14	1-14	9-7/8	1-1/4	1
PTF8-350JSLDP	8	350kcmil-10	2-14	5/8-11	9-7/8	1-1/4	1
PTF8-350JSLP	8	350kcmil-10	2-14	5/8-11	10-59/64	1-1/4	1
PTF8-500JSLDP	8	500kcmil-2	2-14	1-14	11-3/8	1-7/16	1-5/16
PTF8-500JSLP	8	500kcmil-2	2-14	1-14	11-3/8	1-7/16	1-15/16

PTJS OPTIONS:

- D - Disc Pad Screw
- A - Anodized Screw
- K - Kit
- P - Inhibitor

Example:

PTF6-500JSLDP



A

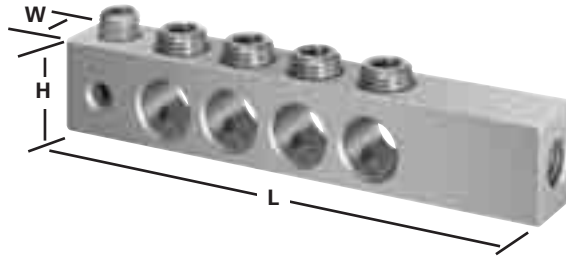
TYPE PTFS

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Rated for 600 volts
- Range taking
- Clear plated
- Meets or exceeds ANSI C119.4 Class A specifications
- Use on transformers with threaded stud secondary

Benefits

- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Reduces inventory
- Provides low contact resistance
- Industry standard
- Installation ease



Catalog Number	Number of Ports	Wire Range	Street Light Range	For Transformer Stud	Dimensions		
					L	H	W
PTF6-350SL	6	350kcmil-10	2-14	5/8-11	8-59/64	1-1/4	1
PTF6-500SL	6	350kcmil-10	2-14	5/8-11	10-9/32	1-1/4	1

PTFS OPTIONS:

P - Inhibitor

Example:

PTF6-350SLP

Street Light ↗ ↑

Inhibitor Must be **LAST**



In-Line Aluminum Insulated Stud Mounted Transformer Lug - Dual Rated



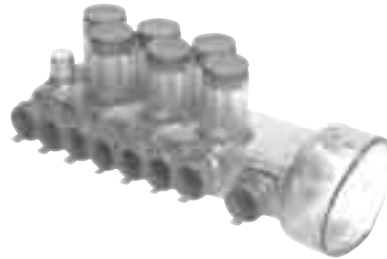
TYPE PTFI

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Rated for 600 volts
- Range taking
- Clear plated
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Reduces inventory
- Provides low contact resistance
- Industry standard



Catalog Number	Style	Number of Ports	Wire Range	Street Light Range	For Transformer Stud	Connector Dimensions		
						L	H	W
PTF33-500JSLL	Slip Fit	6	500kcmil-2	2-14	1-14	5-3/4	2-3/4	1-3/4
PTF44-500JSLL	Slip Fit	8	500kcmil-2	2-14	1-14	6-7/8	2-3/4	1-3/4
PTF44-500JSLLX	Slip Fit	8	500kcmil-10	2-14	1-14	6-7/8	2-3/4	1-3/4

PTFI OPTIONS:

- L - Left Hand Mount
- P - Inhibitor
- X - Clear Cover

Example:

PTF44-50CJSLLXP



A

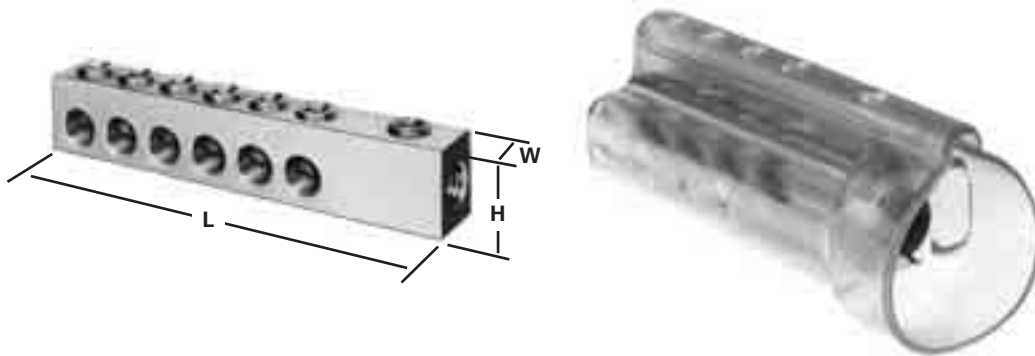
TYPE PTNU

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Rated for 600 volts
- Range taking
- Clear plated
- Cover has dielectric strength of 240 volts per mil
- REA listed
- Meets or exceeds ANSI C119.4 Class A specifications
- Allows left or right hand installation

Benefits

- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Reduces inventory
- Provides low contact resistance
- No taping required, reliable insulation
- Meets customer requirements
- Industry standard
- Installation flexibility



Catalog Number	Style	Number of Ports	Wire Range	For Transformer Stud	Connector Dimensions		
					L	H	W
PTF2-350CNU	Thread on	2	350kcmil-10	5/8-11	3-7/8	1-1/4	1
PTF4-350CNU	Thread on	4	350kcmil-10	5/8-11	5-7/8	1-1/4	1
PTF6-350CNU	Thread on	6	350kcmil-10	5/8-11	7-7/8	1-1/4	1
PTF8-350CNU	Thread on	8	350kcmil-10	5/8-11	9-7/8	1-1/4	1
PTF2-350CJNU +	Slip Fit	2	350kcmil-10	5/8-11	3-7/8	1-1/4	1
PTF3-350CJNU +	Slip Fit	3	350kcmil-10	5/8-11	4-7/8	1-1/4	1
PTF4-350CJNU +	Slip Fit	4	350kcmil-10	5/8-11	5-7/8	1-1/4	1
PTF6-350CJNU +	Slip Fit	6	350kcmil-10	5/8-11	7-7/8	1-1/4	1
PTF8-350CJNU +	Slip Fit	8	350kcmil-10	5/8-11	9-7/8	1-1/4	1

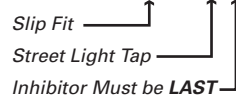
+ RUS Listed

PTNU OPTIONS:

- J - Slip Fit
- A - Anodized Screw
- SL - Street Light Tap
- P - Inhibitor

Example:

PTF4-350CJNUSLP





Aluminum Insulated Stud Mounted Transformer Lugs - Dual Rated - Thread On



TYPE PTIN

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Rated for 600 volts
- Range taking
- Clear plated
- Cover has dielectric strength of 240 volts per mil, nominal thickness of 125 mils
- REA Listed
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Reduces inventory
- Provides low contact resistance
- No taping required, reliable insulation
- Meets customer requirements
- Industry standard



Catalog Number	Style	Number of Ports	Wire Range	For Transformer Stud	Connector Dimensions		
					L	W	H
PTF3-350IN	Thread on	3	350kcmil-10	5/8-11	4.69	4.40	1.25
PTF4-350IN	Thread on	4	350kcmil-10	5/8-11	5.84	4.40	1.25
PTF6-350IN	Thread on	6	350kcmil-10	5/8-11	8.16	4.40	1.25
PTF3-350INJ	Slip Fit	3	350kcmil-10	5/8-11	4.69	4.40	1.25
PTF4-350INJ	Slip Fit	4	350kcmil-10	5/8-11	5.84	4.40	1.25
PTF6-350INJ	Slip Fit	6	350kcmil-10	5/8-11	8.16	4.40	1.25

PTIN OPTIONS:

- J - Slip Fit
- P - Inhibitor

Example:

PTF6-350JP

Slip Fit ——— ↑

Inhibitor Must be **LAST**

A

TYPE PTFC

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Rated for 600 volts
- Range taking
- Clear plated
- Transparent flexible insulating cover
- Cover has dielectric strength of 240 volts per mil
- REA Listed
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Reduces inventory
- Provides low contact resistance
- No taping required and allows visual inspection of splice
- No taping required, reliable insulation
- Meets customer requirements
- Industry standard

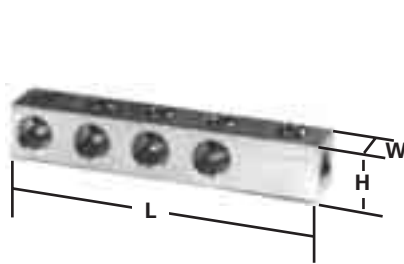


Fig. 1



Fig. 2

Catalog Number	Figure Number	Style	Number of Ports	Wire Range	For Transformer Stud	Connector Dimensions		
						L	H	W
PTF4-350CU	1	Thread on	4	350kcmil-10	5/8-11	6-7/8	1-1/4	1-1/4
PTF6-350CU	1	Thread on	6	350kcmil-10	5/8-11	9-9/16	1-1/4	1-1/4
PTF2-350CJU	2	Slip Fit	2	350kcmil-10	5/8-11	4-3/16	1-1/4	1-1/4
PTF4-350CJU	2	Slip Fit	4	350kcmil-10	5/8-11	6-7/8	1-1/4	1-1/4
PTF6-350CJU	2	Slip Fit	6	350kcmil-10	5/8-11	9-9/16	1-1/4	1-1/4
PTF4-500CU	1	Thread on	4	500kcmil-2	1-14	7-1/4	1-13/16	1-15/16
PTF6-500CU	1	Thread on	6	500kcmil-2	1-14	9-3/4	1-13/16	1-15/16
PTF8-500CU	1	Thread on	8	500kcmil-2	1-14	12-1/4	1-13/16	1-15/16
PTF4-500CJU	2	Slip Fit	4	500kcmil-2	1-14	7-1/4	1-13/16	1-15/16
PTF6-500CJU	2	Slip Fit	6	500kcmil-2	1-14	9-3/4	1-13/16	1-15/16
PTF8-500CJU	2	Slip Fit	8	500kcmil-2	1-14	12-1/4	1-13/16	1-15/16
PTF4-750CU	1	Thread on	4	750kcmil-1/0	1-14	7-11/16	2	1-1/4
PTF4-750CJU	2	Slip Fit	4	750kcmil-1/0	1-14	7-11/16	2	1-1/4
PTF6-750CJU	2	Slip Fit	6	750kcmil-1/0	1-14	10-7/16	2	1-1/4
PTF8-750CJU	2	Slip Fit	8	750kcmil-1/0	1-14	13-3/16	2	1-1/4

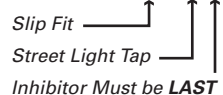
NOTE: PTF-750's are single screw for voltage drop applications. Above connectors available for 5/8-11 Stud. Please consult factory.

PTFC OPTIONS:

- J - Slip Fit
- SL - Street Light Tap
- P - Inhibitor

Example:

PTF6-350CJUSLP



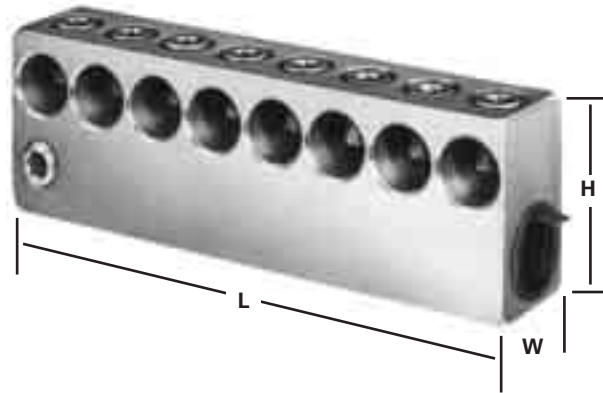
TYPE PTFB

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Rated for 600 volts
- Range taking
- Clear plated
- Quick disconnect feature
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Reduces inventory
- Provides low contact resistance
- Makes installation easy
- Industry standard



Catalog Number	Number of Ports	Wire Range	For Transformer Stud	Dimensions		
				L	H	W
PTF4-500JR158	4	500kcmil-2	5/8-11, 1-14	5-1/8	2-5/8	1-5/8
PTF6-500JR158	6	500kcmil-2	5/8-11, 1-14	6-1/16	2-5/8	1-5/8
PTF8-500JR158	8	500kcmil-2	5/8-11, 1-14	8-1/16	2-5/8	1-5/8

PTFB OPTIONS:

P - Inhibitor

Example:

PTF8-500JR158P

Inhibitor Must be **LAST**

A

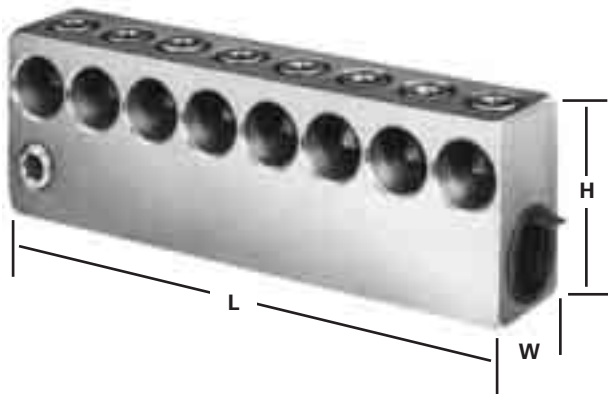
TYPE PTFR

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Rated for 600 volts
- Range taking
- Clear plated
- Transparent flexible insulating cover
- Quick disconnect feature
- Cover has dielectric strength of 240 volts per mil
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Reduces inventory
- Provides low contact resistance
- No taping required and allows visual inspection of splice
- Makes installation easy
- No taping required, reliable insulation
- Industry standard



Catalog Number	Number of Ports	Wire Range	For Transformer Stud	Connector Dimensions			Mount
				L	H	W	
PTF4-500CJR158	4	500kcmil-2	5/8-11, 1-14	5-1/8	2-5/8	1-5/8	R
PTF6-500CJR158	6	500kcmil-2	5/8-11, 1-14	6-1/16	2-5/8	1-5/8	R
PTF8-500CJR158	8	500kcmil-2	5/8-11, 1-14	8-1/16	2-5/8	1-5/8	R
PTF8-500CJL158	8	500kcmil-2	5/8-11, 1-14	8-1/16	2-5/8	1-5/8	L

PTFR OPTIONS:

Left hand style available.
Replace "R" in part number with "L".

P - Inhibitor

Example:

PTF8-500CJR158P

↑
1" Stud Hole Mount
↑
5/8" Stud Hole Mount
↑
Inhibitor Must be **LAST**

TYPE PTSS

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Rated for 600 volts
- Range taking
- Clear plated
- Cover has dielectric strength of 240 volts per mil, nominal thickness of 125 mils
- Meets or exceeds ANSI C119.4 Class A specifications
- RUS Listed

Benefits

- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Reduces inventory
- Provides low contact resistance
- No taping required, reliable insulation
- Industry standard



Catalog Number	Number of Ports	Wire Range	Stud Hole Diameter
PTF4-350SS	4	350kcmil-10	5/8-11
PTF6-350SS	6	350kcmil-10	5/8-11

Contact factory for additional closure caps and conductor plugs

PTSS OPTIONS:

P - Inhibitor

Example:

PTF6-350SSP

Inhibitor Must be **LAST**

A

TYPE PSS

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Rated for 600 volts
- Stacked design
- Range taking
- Insulating cover available
- Clear plated
- Meets or exceeds ANSI C119.4 Class A specifications
- Compact design
- RUS Listed

Benefits

- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Saves space and reduces installation time
- Reduces inventory
- Eliminates taping
- Provides low contact resistance
- Industry standard
- Reduces cantilever effect and reduces stress on transformer bushings

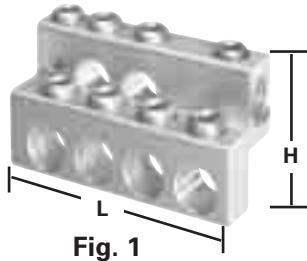


Fig. 1

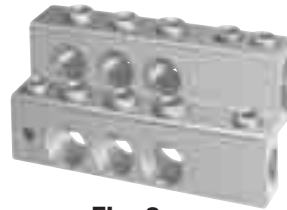


Fig. 2

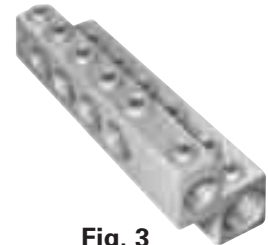


Fig. 3

Catalog Number	Figure Number	Wire Range	No. of Ports	Street Light Range	Stud Size	Connector Dimensions		Cover Catalog Number
						L	H	
PSS6-350JSLL58	1	350kcmil-10	6	2-14	5/8-11	4-13/32	2	PSSB-1
PSS8-350JSLL58	1	350kcmil-10	8	2-14	5/8-11	5-13/32	2	PSSB-2
PSS6-350JSLL	2	350kcmil-10	6	2-14	5/8-11, 1-14	5-13/32	2-5/16	PSSB-2
PSS8-350JSLL	2	350kcmil-10	8	2-14	5/8-11, 1-14	6-13/32	2-5/16	PSSB-3
PSS12-350JSLL	3	350kcmil-10	12	2-14	5/8-11, 1-14	8-13/32	2-5/16	PSSB-4
PSS6-500JSLL58	1	500kcmil-2	6	2-14	5/8-11	5-3/32	2-5/16	PSSB-1
PSS6-500JSLL	2	500kcmil-2	6	2-14	5/8-11, 1-14	5-27/32	2-5/16	PSSB-2
PSS8-500JSLL	2	500kcmil-2	8	2-14	5/8-11, 1-14	6-31/32	2-5/16	PSSB-3
PSS12-500JSLL	3	500kcmil-2	12	2-14	5/8-11, 1-14	9-7/13	2-5/16	PSSB-4
PSS6-350JSLR	3	350kcmil-10	6	2-14	5/8-11, 1-14	5-13/32	2-5/16	PSSB-2R
PSS8-350JSLR	3	350kcmil-10	8	2-14	5/8-11, 1-14	6-13/32	2-5/16	PSSB-3R
PSS6-500JSLR	3	500kcmil-2	6	2-14	5/8-11, 1-14	5-27/32	2-5/16	PSSB-2R
PSS8-500JSLR	3	500kcmil-2	8	2-14	5/8-11, 1-14	6-31/32	2-5/16	PSSB-3R

See page 227 for cover information

PSS OPTIONS:

- L - Left Hand Mount
- R - Right Hand Mount
- P - Inhibitor

Example:

PSS6-350JSLL58P





Aluminum Insulated Stud Mounted Step Bar Transformer Lugs - Dual Rated

A

TYPE PSSI

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Rated for 600 volts
- Stacked design
- Transparent flexible insulating cover
- Range taking
- Clear plated
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Saves space and reduces installation time
- No taping required and allows visual inspection of splice
- Reduces inventory
- Provides low contact resistance
- Industry standard



Catalog Number	Wire Range	No. of Ports	Stud Size	Connector Dimensions	
				L	H
PSS6-500CJSLL	500kcmil-2	6	5/8-11, 1-14	5-27/32	2-5/16
PSS8-500CJSLL	500kcmil-2	8	5/8-11, 1-14	6-31/32	2-5/16

PSSI OPTIONS:

- L - Left Hand Mount
- R - Right Hand Mount
- P - Inhibitor

Example:

PSS8-500CJSLLP



A

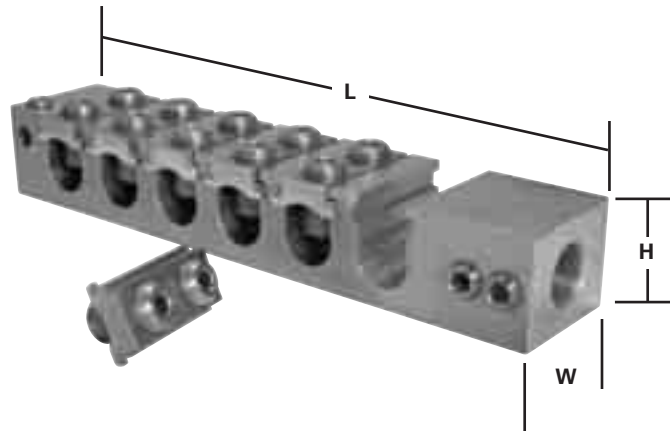
TYPE PFLJ

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Rated for 600 volts
- Compact lay-in design
- Clear plated
- High strength aluminum 5/16 drive torque screw
- Slip fit design
- For use on transformers with threaded stud secondary
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Solves the problem of bending large cables
- Provides low contact resistance
- Enables broad wire range
- For quick disconnect
- Installation ease
- Industry standard



Catalog Number	Number of Ports	Wire Range	Street Light Range	For Transformer Stud	Dimensions		
					L	H	W
PTFL4-750JSL	4	750kcmil-1/0 AWG	2/0-8 AWG	1-14	9.440	2.000	2.500
PTFL6-750JSL	6	750kcmil-1/0 AWG	2/0-8 AWG	1-14	12.753	2.000	2.500
PTFL8-750JSL	8	750kcmil-1/0 AWG	2/0-8 AWG	1-14	16.065	2.000	2.500

See pages 223 and 224 for cover information

PFLJ OPTIONS:

P - Inhibitor

Example:

PTFL4-750JSLP

Street Light Tap ↗ ↑

Inhibitor Must be **LAST**

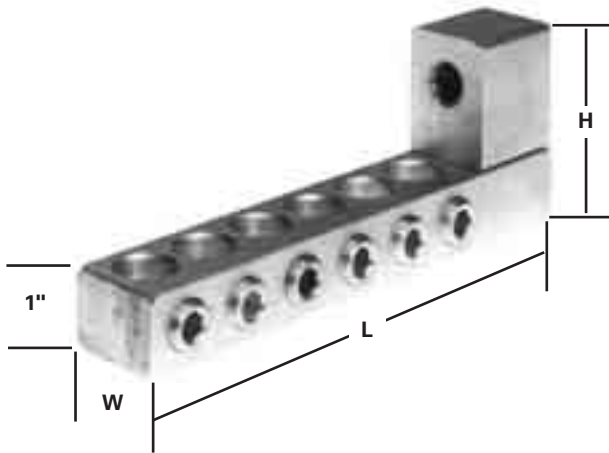
TYPE PAC

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Rated for 600 volts
- Range taking
- Insulating cover available
- Clear plated
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Reduces inventory
- Eliminates taping
- Provides low contact resistance
- Industry standard



Catalog Number	Wire Range	Number of Ports	For Transformer Stud	Stud Hole Size	Street Light Tap	Connector Dimensions			Cover Catalog Number
						L	H	W	
PAC4-350	350kcmil-10	4	5/8-11, 1-14	5/8	No	5-3/4	2-13/16	1-1/4	B-6350CVR
PAC6-350	350kcmil-10	6	5/8-11, 1-14	5/8	No	7-3/4	2-13/16	1-1/4	B-6350CVR
PAC8-350	350kcmil-10	8	5/8-11, 1-14	5/8	No	9-3/4	2-13/16	1-1/4	B-8350CVR
PAC6-350SL1	350kcmil-10	6	5/8-11, 1-14	1	Yes	7-3/4	2-13/16	1-1/4	B-6350CVR
PAC8-350SL1	350kcmil-10	8	5/8-11, 1-14	1	Yes	9-3/4	2-13/16	1-1/4	B-8350CVR
PAC4-350SL58	350kcmil-10	4	5/8-11, 1-14	5/8	Yes	5-3/4	2-13/16	1-1/4	B-6350CVR
PAC6-350SL58	350kcmil-10	6	5/8-11, 1-14	5/8	Yes	7-3/4	2-13/16	1-1/4	B-6350CVR
PAC8-350SL58	350kcmil-10	8	5/8-11, 1-14	5/8	Yes	9-3/4	2-13/16	1-1/4	B-8350CVR
PAC6-500SL1	500kcmil-6	6	5/8-11, 1-14	1	Yes	9-1/8	2-13/16	1-5/8	B-6350CVR

See page 225 for cover information

PAC OPTIONS:

P - Inhibitor

Example:

PAC6-350SL1P

Street Light Tap

1" Stud Mount

Inhibitor Must be **LAST**

A

**TYPE
ADT**

Features

- Manufactured from aluminum alloy
- Rated for 600 volts
- Prefilled with oxide inhibitor
- Clear plated

Benefits

- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Convenience, prevents oxides from forming
- Provides low contact resistance

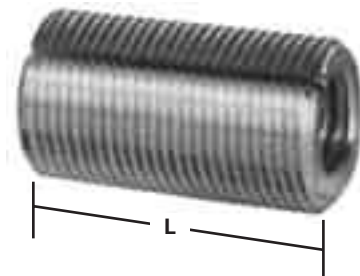


Fig. 1

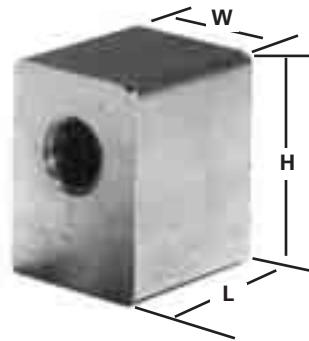


Fig. 2

Catalog Number	Figure Number	L	Description
A6600	1	1-7/8	Increases Stud size from 5/8-11 to 1-14

Catalog Number	Figure Number	Dimensions			Thread Size
		L	H	W	
AC-1	2	1-9/16	1-13/16	1-5/16	1-14
AC-58	2	1-9/16	1-13/16	1-5/16	5/8-11

Pedestal & Handhole Connectors

<p>UPED</p>  <p>26-27</p>	<p>PEDL</p>  <p>28</p>	<p>UGA</p>  <p>29</p>	<p>UGD</p>  <p>30</p>
<p>PSHD</p>  <p>31</p>	<p>PEIN</p>  <p>32</p>	<p>PSSS</p>  <p>33</p>	<p>PESS</p>  <p>34</p>



TYPE UPED

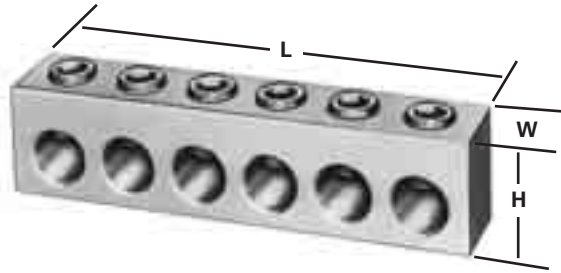
Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Rated for 600 volts
- Range taking
- Insulating cover available
- Clear plated
- Cover has dielectric strength of 240 volts per mil
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Reduces inventory
- Eliminates taping
- Provides low contact resistance
- No taping required, reliable insulation
- Industry standard

B



Catalog Number	Number of Ports	Wire Range	Connector Dimensions			Cover Catalog Number
			L	H	W	
PED2-350	2	350kcmil-10	2-1/16	1-1/4	1	CFF
PED3-350	3	350kcmil-10	2-15/16	1-1/4	1	CEE
PED4-350	4	350kcmil-10	3-7/8	1-1/4	1	CEE
PED5-350	5	350kcmil-10	4-3/4	1-1/4	1	CAA
PED6-350	6	350kcmil-10	5-11/16	1-1/4	1	CCC
PED8-350	8	350kcmil-10	7-1/2	1-1/4	1	CNN
PED2-500	2	500kcmil-10	2-3/8	1-5/8	1	CFF
PED3-500	3	500kcmil-10	3-15/16	1-5/8	1	CEE
PED4-500	4	500kcmil-10	4-13/16	1-5/8	1	CJJ
PED5-500	5	500kcmil-10	6	1-5/8	1	CJJ
PED6-500	6	500kcmil-10	7-1/4	1-5/8	1	CLL
PED8-500	8	500kcmil-10	9-11/16	1-5/8	1	SNN

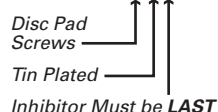
See page 226 for cover information.

UPED OPTIONS:

- D - Disc Pad Screws
- 2M - Dual Mounting Hole
- A - Anodized Screw
- T - Tin Plated
- K - Kit
- P - Inhibitor

Example:

PED8-500DTP





Aluminum Pedestal & Handhole Connector Dual Rated - Above Grade Pedestals

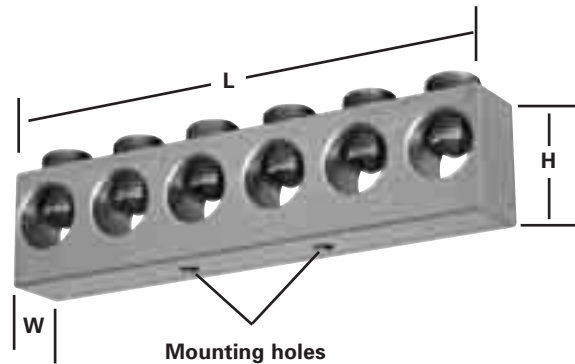
TYPE UPED

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Rated for 600 volts
- Range taking
- Insulating cover available
- Clear plated
- Cover has dielectric strength of 240 volts per mil
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Reduces inventory
- Eliminates taping
- Provides low contact resistance
- No taping required, reliable insulation
- Industry standard



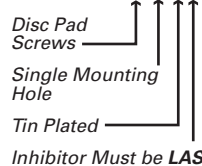
Catalog Number	Number of Ports	Wire Range	Dimensions			Mounting Holes
			L	H	W	
PED4-3502M	4	350kcmil-10	4-7/64	1-1/4	1	(2) 1/4 - 20
PED6-3502M	6	350kcmil-10	6-13/64	1-1/4	1	(2) 1/4 - 20
PED4-5002M	4	500kcmil-10	4-3/4	1-5/8	1	(2) 1/4 - 20
PED6-5002M	6	500kcmil-10	7	1-5/8	1	(2) 1/4 - 20

UPED OPTIONS:

- D** - Disc Pad Screws
- M** - Single Mounting Hole
- 2M** - Dual Mounting Hole
- A** - Anodized Screw
- T** - Tin Plated
- P** - Inhibitor

Example:

PED8-500DMTP



TYPE PEDL

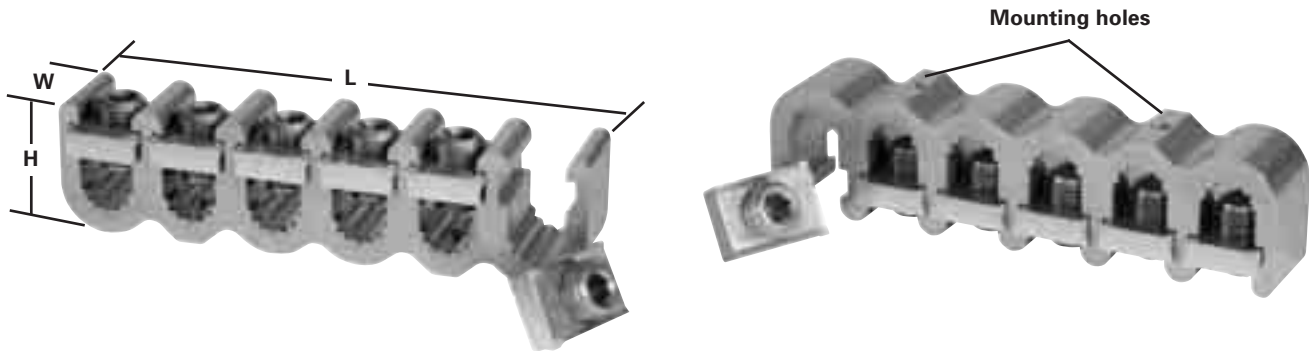
B

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Rated for 600 volts
- Range taking
- Lay-in style
- Insulating cover available
- Clear plated
- Meets or exceeds ANSI C119.4 Class A specifications
- Grooved wire ports

Benefits

- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Reduces inventory
- For ease of installation
- Eliminates taping
- Provides low contact resistance
- Industry standard
- Provides more surface contact area, wire stop benefit



Catalog Number	Number of Ports	Wire Range	Dimensions			Cover Catalog Number	Mounting Holes
			L	H	W		
PEDL6-350	6	350kcmil-10	6-29/32	1-3/4	1-1/4	CLL	(2) 1/4 - 20
PEDL6-350P	6	350kcmil-10	6-29/32	1-3/4	1-1/4	CLL	(2) 1/4 - 20
PEDL6-600P	6	600kcmil-2	8-25/64	1-59/64	1-1/4	CNN	(2) 1/4 - 20

See page 226 for cover information.

PEDL OPTIONS:

P - Inhibitor

Example:

PEDL6-350P

Inhibitor Must be **LAST**

TYPE UGA

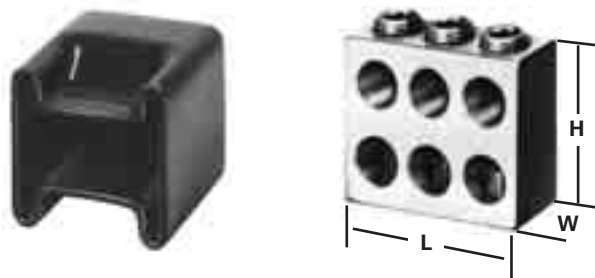
Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Rated for 600 volts
- Range taking
- Insulating cover available
- Clear plated
- Cover rated at 105 degrees C
- Cover has dielectric strength of 240 volt per mil
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Reduces inventory
- Eliminates taping
- Provides low contact resistance
- Can withstand high temperature
- No taping required, reliable insulation
- Industry standard

B



Catalog Number	Number of Ports	Wire Range	Connector Dimensions			Cover Catalog Number
			L	H	W	
UGA4-0	4	1/0-14	1-5/16	1-1/2	3/4	CGG
UGA4-350	4	350kcmil-10	2	2-3/8	7/8	CFF
UGA6-350	6	350kcmil-10	3-1/16	2-3/8	7/8	CKM
UGA8-350	8	350kcmil-10	4-1/8	2-3/8	7/8	CMM

See page 226 for cover information.

UGA OPTIONS:

- K - Kit
- P - Inhibitor

Example:

UGA4-350DAP

↑ Disc Pad Screws

↑ Annodized Screw

Inhibitor Must be **LAST**

TYPE UGD

B

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Rated for 600 volts
- Range taking
- Insulating cover available
- Clear plated
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Reduces inventory
- Eliminates taping
- Provides low contact resistance
- Industry standard



Fig. 1

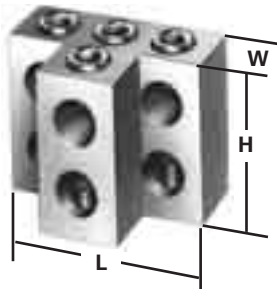


Fig. 2



Catalog Number	Figure Number	Number of Taps	Wire Range		Connector Dimensions			Cover Catalog Number
			Main	Tap	L	H	W	
UGD4-350250	1	4	350kcmil-4/0	250kcmil-6	3	2-1/4	1-7/8	CKM
UGD6-350250	1	6	350kcmil-4/0	250kcmil-6	3	2-9/16	1-7/8	CMM
UGD4-500250	1	4	500kcmil-3/0	250kcmil-6	3	2-9/16	1-7/8	CMM
UGD6-500250	1	6	500kcmil-4/0	250kcmil-6	3	2-9/16	1-7/8	CMM
UGD41-250250	2	4	250kcmil-10	250kcmil-10	3	2	1-7/8	CKM
UGD61-500250	2	6	500kcmil-2	250kcmil-10	3	2-9/16	1-7/8	CMM

See page 226 for cover information.

UGD OPTIONS:
P - Inhibitor

Example:
UGD6-350250P
↑
Inhibitor Must be **LAST**

TYPE PSHD

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Rated for 600 volts
- Range taking
- Insulating cover available
- Clear plated
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Reduces inventory
- Eliminates taping
- Provides low contact resistance
- Industry standard

B



Catalog Number	Number of Ports	Wire Range	Connector Dimensions			Cover Catalog Number
			L	H	W	
PSA4-750	4	750kcmil-2	6-9/16	2	2-1/2	R6285-4
PSA6-750	6	750kcmil-2	9-7/8	2	2-1/2	R6285-6
PSA8-750	8	750kcmil-2	13-3/16	2	2-1/2	R6285-8
PSA4-1000	4	1000kcmil-350kcmil	6-9/16	2	2-1/2	R6285-4
PSA6-1000	6	1000kcmil-350kcmil	9-7/8	2	2-1/2	R6285-6
PSA8-1000	8	1000kcmil-350kcmil	13-3/16	2	2-1/2	R6285-8

See page 225 for cover information.

PSHD OPTIONS:

- D - Disc Pad Screw
- K - Kit
- P - Inhibitor

Example:

PSA6-750P
↑
Inhibitor Must be LAST

TYPE PEIN

B

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Rated for 600 volts
- Range taking
- Transparent flexible insulating cover
- Cover has dielectric strength of 240 volts per mil, nominal thickness of 125 mils
- Meets or exceeds ANSI C119.4 Class A specifications
- RUS Listed

Benefits

- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Reduces inventory
- No taping required and allows visual inspection of splice
- Reliable insulation
- Industry standard

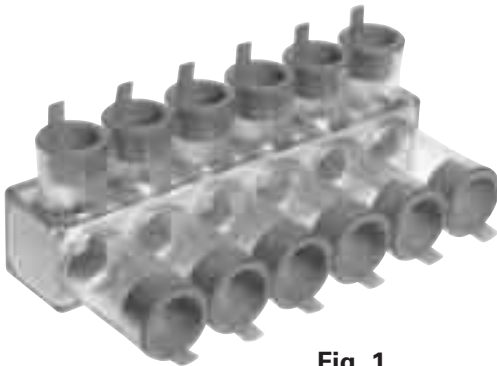


Fig. 1

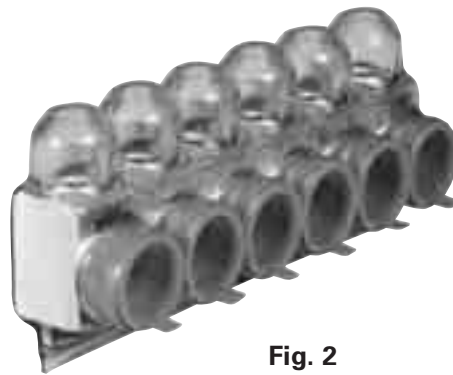


Fig. 2

Catalog Number	Figure Number	Number of Ports	Wire Range	Dimensions		
				Overall Length	Height	Width Including Webb
PED3-350C	1	3	350kcmil-10	3.656	2-3/8	2-1/4
PED4-350C	1	4	350kcmil-10	4.812	2-3/8	2-1/4
PED5-350C	1	5	350kcmil-10	5.968	2-3/8	2-1/4
PED6-350C	1	6	350kcmil-10	7.130	2-3/8	2-1/4
PED8-350C	1	8	350kcmil-10	9.447	2-3/8	2-1/4
PED3-500C	2	3	500kcmil-10	4.563	2-5/8	2-7/8
PED4-500C	2	4	500kcmil-10	5.782	2-5/8	2-7/8
PED5-500C	2	5	500kcmil-10	7.250	2-5/8	2-7/8
PED6-500C	2	6	500kcmil-10	8.719	2-5/8	2-7/8
PED8-500C	2	8	500kcmil-10	11.917	2-5/8	2-7/8

PEIN OPTIONS:

P - Inhibitor

Example:

PED6-350CP

Cover ——— ↑

Inhibitor Must be **LAST**

TYPE PSSS

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Rated for 600 volts
- Range taking
- Clear plated
- Cover has dielectric strength of 240 volts per mil, nominal thickness of 125 mils
- Meets or exceeds ANSI C119.1 and ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Reduces inventory
- Provides low contact resistance
- No taping required, reliable insulation
- Industry standard

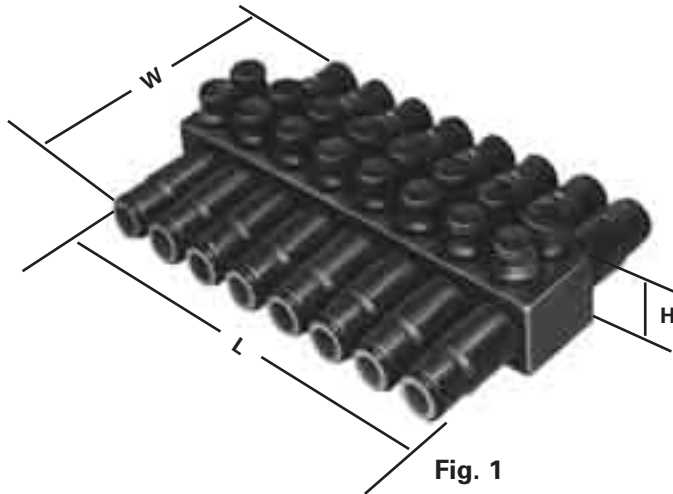


Fig. 1



Fig. 2

Catalog Number	Figure Number	Number of Ports	Wire Range	Dimensions		
				L	H	W
PSA4-750SS	1	4	750kcmil-2	7	3-9/16	9-1/8
PSA6-750SS	1	6	750kcmil-2	10-3/8	3-9/16	9-1/8
PSA8-750SS	1	8	750kcmil-2	13-3/4	3-9/16	9-1/8
PSA13-750SS	2	4	750kcmil-2	7	3-9/16	9-1/8

PSSS OPTIONS:

P - Inhibitor

Example:

PSA6-750SSP

Inhibitor Must be **LAST**

TYPE PESS

B

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Rated for 600 volts
- Range taking
- Clear plated
- Cover has dielectric strength of 240 volts per mil, nominal thickness of 125 mils
- Meets or exceeds ANSI C119.1 and ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Reduces inventory
- Provides low contact resistance
- No taping required, reliable insulation
- Industry standard



Fig. 1

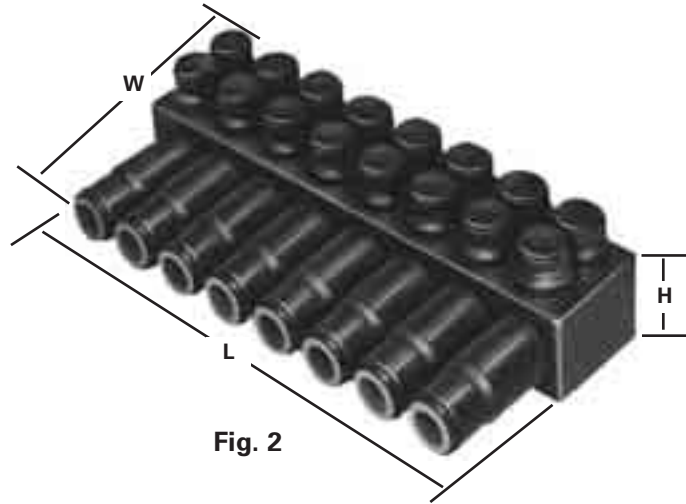


Fig. 2

Catalog Number	Figure Number	Number of Ports	Wire Range	Dimensions		
				L	H	W
PED3-350SS +*	1	3	350kcmil-10str	3.67	2.70	4.40
PED4-350SS +*	1	4	350kcmil-10str	4.82	2.70	4.40
PED5-350SS +*	1	5	350kcmil-10str	6.04	2.70	4.40
PED6-350SS +*	1	6	350kcmil-10str	7.14	2.70	4.40
PED8-350SS +*	1	8	350kcmil-10str	9.45	2.70	4.40
PED3-500SS	1	3	500kcmil-10	4.31	5.25	3.16
PED4-500SS	1	4	500kcmil-10	5.78	5.25	3.16
PED5-500SS	1	5	500kcmil-10	7.25	5.25	3.16
PED6-500SS	1	6	500kcmil-10	8.72	5.25	3.16
PED8-500SS	1	8	500kcmil-10	11.66	5.25	3.16
PED4-750SS	2	4	750kcmil-2	6.97	6.50	3.53
PED6-750SS	2	6	750kcmil-2	10.35	6.50	3.53
PED8-750SS	2	8	750kcmil-2	13.73	6.50	3.53

+ UL Listed and CSA Certified for direct burial in earth or concrete

PESS OPTIONS:

- D** - Disc Pad Screws
- A** - Anodized Screws
- P** - Inhibitor
- OR** - Orange Screw Caps
350's Only*

Example:

PED8-500SSDP
Disc Pad Screws ↑ ↑
Inhibitor Must be LAST

SPA



36

USPU



37

SPLK



38

USK



39



TYPE SPA

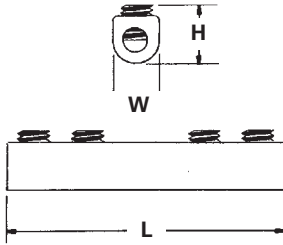
Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Electro-tin plated
- Chamfered wire entry
- UL Listed and CSA Certified for 600 volts, 90° C
- Rounded bottoms
- Large screw diameters
- Wire stop in center

Benefits

- Suitable for use with either copper or aluminum conductors
- Provides low contact resistance
- Provides ease of installation
- Ensures reliability for copper or aluminum conductors
- Facilitates taping
- Ensures all wire strands are held securely
- Prevents dissimilar metals coming into contact

C



Catalog Number	Wire Range	Dimensions			Number of Screws	Screw Diameter	Hex Size
		L	W	H			
SPA-2	2-14	1-3/16	29/64	9/16	2	3/8	Slot
SPA-0	1/0-14	1-29/32	5/8	11/16	2	7/16	3/16
SPA-250	250kcmil-6	2-5/16	7/8	1	2	5/8	5/16
SPA-350	350kcmil-6	2-15/32	1	1-1/4	2	11/16	5/16
SPA-500	500kcmil-3/0	3-7/8	1-1/8	1-5/8	2	13/16	3/8
SPA-750	750kcmil-250kcmil	5-7/16	1-3/8	1-3/4	4	15/16	1/2
SPA-1000	1000kcmil-500kcmil	8-11/16	1-3/4	1-3/4	6	1-1/8	9/16

DE-OX Inhibitor is recommended for all aluminum terminations.

Tested to UL 486A-486B, UL File E6207

TYPE USPU

Features

- Encapsulated in EPDM rubber with a nominal thickness of 125 mils and a dielectric strength of 240 volts per mil
- Pre-marked end inserts
- O-Ring design screw cap inserts
- Connector is produced from high strength 6061-T6 aluminum alloy
- Meets or exceeds ANSI C119.1 and ANSI C119.4 Class A specifications
- Range taking
- UL Listed and CSA Certified for direct burial in earth or concrete

Benefits

- Completely watertight in-line splice. Ready for installation, (not a mold for use with mixed compounds) No taping required. No temperature or humidity restrictions
- Simply cut end inserts to appropriate marked wire size and insert conductor into connector
- Ensures connector integrity while allowing ease of access to set screws, ensuring excellent sealing
- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Reduces inventory

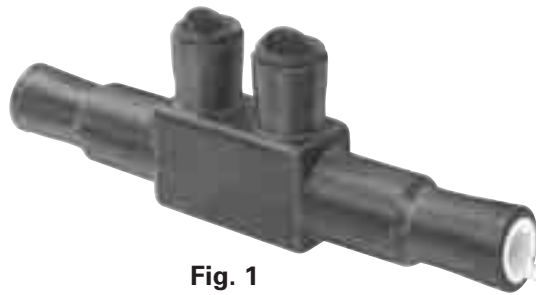


Fig. 1



Fig. 2



Fig. 3

Catalog Number	Figure Number	Wire Range		Length	Hex Size	Torque (In. Lbs.)
		Barrel A	Barrel B			
USPA-350SS*	1	350kcmil-10str	350kcmil-10str	8-5/8	5/16	350
USPA-500SS +	2	500kcmil-2	500kcmil-2	9-13/16	5/16	450
USPA-750SS	3	750kcmil-2	750kcmil-2	9-13/16	5/16	500

*RUS Listed
+ Not UL Listed

USPU OPTIONS:
D - Disc Pad Screw
P - Inhibitor

Example:
USPA-500SSP
Inhibitor Must be **LAST**

TYPE SPLK

Features

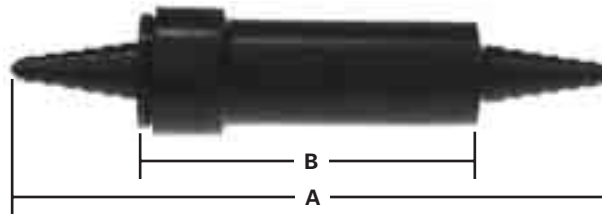
- Watertight EPDM rubber splice cover
- Tapered ends
- Ready for installation
- Type SS is cover only supplied with lubricant
- Type SSK kit is supplied with both connector and lubricant
- Meets or exceeds ANSI C119.1 and ANSI C119.4 Class A specifications

Benefits

- No taping required. Two part sleeve (not a heat shrink) for use with in-line splices. 125 mils thick with a dielectric strength of 240 volts per mil. Suitable for direct burial
- Fits a wide range of conductor sizes. To install, cut at the premarked graduation for the conductor size used
- Not a mold, can be used in any type of weather (moisture and humidity are not a factor)
- Can be used with standard aluminum or copper compression from 500kcmil-6. Lubricant permits easy insertion of conductors into sleeve
- Supplied with dual-rated mechanical splice connector with a wire range of 350kcmil-6. Lubricant permits easy insertion of conductors into sleeve
- Ensures reliability

C

Safety Seal
(EPDM cover without connector)



Catalog Number	Wire Range		Dimensions	
	Compression Sleeves	Bolted Connector	A	B
SS-350	*500kcmil-6	350kcmil-6	9-1/2	5-3/8

* Will accommodate 4" length only 500/350/250 kcmil sleeves.

Safety Seal Kit
(EPDM cover with bolted connector)



Catalog Number	Wire Range
SSK-350	350kcmil-6

TYPE USK

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Rated for 600 volts
- Clear plated
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Provides low contact resistance
- Industry standard

USK Submersible - Splice Kit (Heat Shrink Tube & compression connector)



Catalog Number	Wire Size
USK-8	8
USK-6	6
USK-4	4
USK-2	2
USK-1/0	1/0
USK-2/0	2/0
USK-4/0	4/0
USK-350	350kcmil
USK-500	500kcmil
USK-1000	1000kcmil

SLWB



41

SLNB



42

SLIN



43

PCT



44

UPC



45-46



Aluminum Insulated Street Lighting Connector Dual Rated

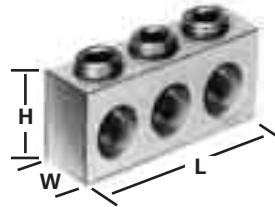
TYPE SLWB

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Rated for 600 volts
- Range taking
- Clear plated
- Cover has dielectric strength of 240 volts per mil, nominal thickness of 125 mils
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Reduces inventory
- Provides low contact resistance
- No taping required, reliable insulation
- Industry standard



Catalog Number	Wire Range		Connector Dimensions		
	Main	Tap	L	W	H
SLC3-0*	1/0 - 14	1/0-14	1-13/64	9/16	47/64
SLC3-0X+	1/0 - 14	1/0-14	1-13/64	9/16	47/64

* Includes plastisol cover
+ Cover not included

SLWB OPTIONS: P - Inhibitor

Example:
SLC3-0XP
No Cover ↑↑
Inhibitor Must be **LAST**

TYPE SLNB

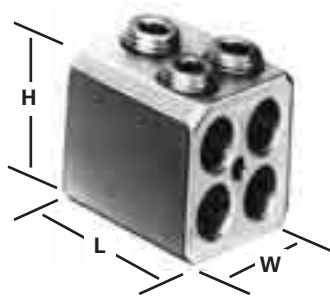
Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Rated for 600 volts
- Range taking
- Clear plated
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Reduces inventory
- Provides low contact resistance
- Industry standard

D



Catalog Number	Wire Range		Connector Dimensions		
	Main	Tap	L	W	H
SLC4-0*	1/0	14-8	1-1/4	1-1/4	1-1/4

See page 229 for cover information.

SLNB OPTIONS:

P - Inhibitor

Example:

SLC4-0P

Inhibitor Must be LAST

TYPE SLIN

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Rated for 600 volts
- Range taking
- Clear plated
- Meets or exceeds ANSI C119.4 Class A specifications
- Encapsulated in clear plastisol

Benefits

- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Reduces inventory
- Provides low contact resistance
- Industry standard
- Convenient insulation with clear view of connection



Fig. 1



Fig. 2

D

Catalog Number	Figure Number	Wire Range	
		Main	Tap
SLC3-0C	1	1/0 - 14	1/0-14
SLC3-03X	2	1/0 - 14	1/0-14

SLIN OPTIONS:

P - Inhibitor

Example:

SLC3-0CP

↑
Inhibitor Must be **LAST**

TYPE PCT

Features

- Transparent flexible insulating cover
- Captive pressure screws
- Self-closing openings
- Access from both sides of connector
- Broad wire range: 800kcmil-14
- UL Listed for 600 volts, 90° C
- Dual Rated

Benefits

- No taping and allows visual inspection of connection
- No wasted time finding screws
- No lost or loose caps and plugs
- Provides greater versatility
- Reduces inventory
- Ensures reliability
- For copper or aluminum conductor

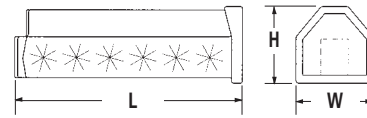
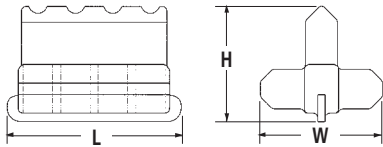


Fig. 1 (Patented)

Fig. 2

Catalog Number	Connector Shape	Figure No.	No. Of Ports	Wire Range	Ampere Rating	Dimensions			Hex Size
						L	W	H	
PCT-2-4		1	2	4-14	95	1.46	1.57	1.43	slot
PCT-4-4		1	4	4-14	95	2.46	1.57	1.43	slot
PCT-6-4		1	6	4-14	95	3.46	1.57	1.43	slot
PCT-8-4		1	8	4-14	95	4.46	1.57	1.43	slot
PCT-2-2/0		2	2	2/0-14	195	2.61	2.30	1.97	3/16
PCT-4-2/0		2	4	2/0-14	195	4.30	2.30	1.97	3/16
PCT-6-2/0		2	6	2/0-14	195	5.98	2.30	1.97	3/16
PCT-8-2/0		2	8	2/0-14	195	7.67	2.30	1.97	3/16
PCT-2-4/0		2	2	4/0-6	260	2.33	2.49	2.25	5/16
PCT-4-4/0		2	4	4/0-6	260	4.19	2.49	2.25	5/16
PCT-6-4/0		2	6	4/0-6	260	6.05	2.49	2.25	5/16
PCT-8-4/0		2	8	4/0-6	260	7.91	2.49	2.25	5/16
PCT-2-350		2	2	350 kcmil-6	350	2.75	2.69	2.65	5/16
PCT-4-350		2	4	350 kcmil-6	350	5.06	2.69	2.65	5/16
PCT-6-350		2	6	350 kcmil-6	350	7.37	2.69	2.65	5/16
PCT-8-350		2	8	350 kcmil-6	350	9.68	2.69	2.65	5/16
PCT-2-600		2	2	600 kcmil-4	475	3.17	3.20	3.27	3/8
PCT-4-600		2	4	600 kcmil-4	475	5.73	3.20	3.27	3/8
PCT-6-600		2	6	600 kcmil-4	475	8.29	3.20	3.27	3/8
PCT-8-600		2	8	600 kcmil-4	475	10.86	3.20	3.27	3/8
PCT-2-800		2	2	800kcmil-250kcmil	555	3.91	3.34	3.30	1/2
PCT-4-800		2	4	800kcmil-250kcmil	555	7.03	3.34	3.30	1/2
PCT-6-800		2	6	800kcmil-250kcmil	555	10.15	3.34	3.30	1/2

Not suitable for direct burial.

Tested to UL 486A-486B, UL File E6207

KUP-L-TAP® Insulation Piercing Connectors Save Time And Money

Tin plated, hardened copper contact teeth easily penetrate most types of conductor insulation.

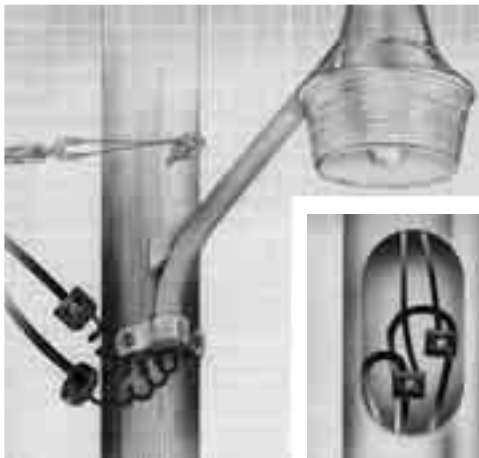
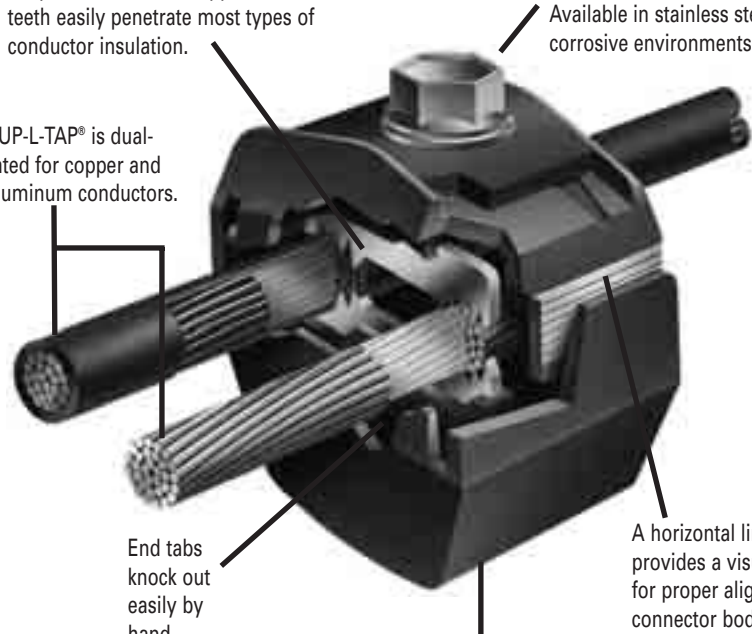
Bolt tightens with just a wrench. Available in stainless steel for corrosive environments.

KUP-L-TAP® is dual-rated for copper and aluminum conductors.

End tabs knock out easily by hand.

A horizontal line grid provides a visual guide for proper alignment of connector body.

KUP-L-TAP® body is molded of tough, resilient glass-filled nylon. Silicone compound acts as a blocking agent to protect connection from oxidation.



TYPE UPC

Features

- Body is molded from tough, resilient glass-filled nylon
- UL Listed and CSA Certified for UPC-4/0-2/0, UPC-4/0-14, UPC-500-12 only
- Compact design
- Tin plated copper contact teeth
- Insulation piercing
- Perforated end tabs
- Pre-filled with silicone lubricant
- Versatile
- Increased safety
- Horizontal line grid
- Temperature rating 90° C

Benefits

- Provides high degree of breakage resistance and long dependable use
- Ensures reliability for copper or aluminum conductors
- Saves space
- Easily penetrates most types of insulation
- No need to strip the conductor which saves installation time
- Break out easily by hand
- Prevents oxidation and moisture from entering the contact area
- Can be used as a splice or tap connector
- Contains no external energized parts. Can be installed "hot" on energized conductors providing tap conductor is not under load.
- Provides a visual guide for proper installation of conductors
- Industry standard

D

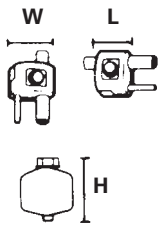


Fig. 1



Fig. 2











Fig. 3

Catalog Number	Figure Number	Wire Range		Volts	Current Rating		Dimensions			Torque Ft. Lbs.	Bolt Head Size
		Main	Tap		CU	AL	L	W	H		
+ UPC-1/0-2	3	1/0-8	2-8	300 (480 Grounded Y System)	130	100	1-7/32	1-15/32	2-5/16	16	1/2
+ UPC-4/0-6	2	4/0-4	6-14	600	75	60	1-27/64	1	1-7/8	13	1/2
* UPC-4/0-2/0	3	4/0-2	2/0-6	600	195	150	1-21/32	1-7/8	2-7/8	25	1/2
+* UPC-250-4/0	2	250kcmil-1	4/0-6	600	260	205	1-7/8	2-11/32	3-11/32	30	5/8
+ UPC-350-4/0	3	350kcmil-4/0	4/0-10	300 (480 Grounded Y System)	260	205	1-43/64	2-7/16	3-1/8	25	5/8
UPC-500-12	1	500kcmil-250kcmil	10-12	300 (480 Grounded Y System)	40	35	1-43/64	2-7/16	3-1/4	25	5/8
+* UPC-500-500	1	500kcmil-300kcmil	500kcmil-250kcmil	600	430	350	3-3/16	3-5/8	5	75	7/8-7/8
UPC-4/0-14	1	4/0-4	6-14	600	75	60	1	1-7/16	2-5/16	13	1/2

* May also be used on bare conductor

+ Not UL Listed or CSA Certified

Tested to UL 486A-486B, UL File E6207

<p>PTT</p>  <p>48</p>	<p>UPG</p>  <p>49</p>	
<p>SXA</p>  <p>50</p>	<p>OHST</p>  <p>51</p>	<p>TNT</p>  <p>52</p>
<p>MST</p>  <p>53</p>	<p>OHB</p>  <p>54</p>	<p>UPC</p>  <p>55-56</p>



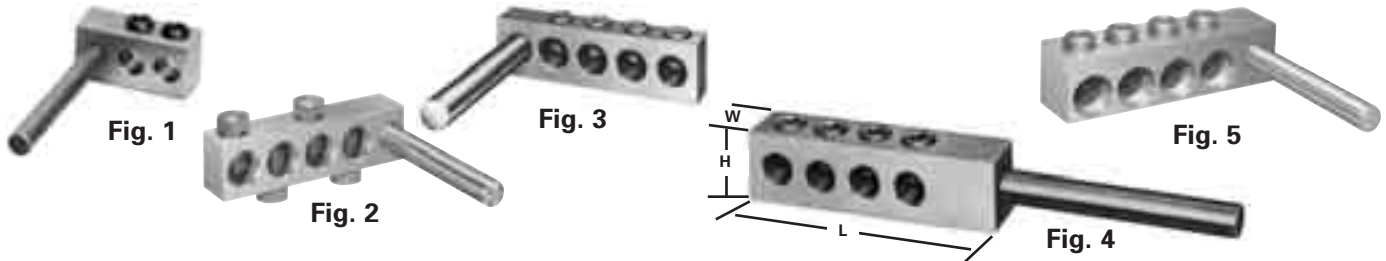
TYPE PTT

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Rated for 600 volts
- Range taking
- Clear plated
- Meets or exceeds ANSI C119.4 Class A specifications
- Stud is tin plated copper

Benefits

- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Reduces inventory
- Provides low contact resistance
- Industry standard
- Provides low contact resistance for connection to transformer



E

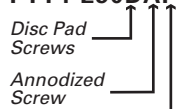
Catalog Number	Figure Number	No. of Ports	Wire Range	Copper Stud Diameter	Stud Length	Dimensions		
						L	H	W
PTT2-0	1	2	1/0-14	3/8	3	1-7/8	1	3/4
PTT4-0	1	4	1/0-14	3/8	3	3-1/16	1	3/4
PTT2+2-250	2	4	250kcmil-6	1/2	4	4-3/64	1-1/8	29/32
PTT2-250	3	2	250kcmil-10	1/2	4	2-11/16	1-1/8	15/16
PTT3-250	3	3	250kcmil-10	1/2	4	3-1/2	1-1/8	15/16
PTT4-250	3	4	250kcmil-10	1/2	4	4-5/16	1-1/8	15/16
PTT5-250	3	5	250kcmil-10	1/2	4	5-1/8	1-1/8	15/16
PTT6-250	3	6	250kcmil-10	1/2	4	5-15/16	1-1/8	15/16
PTT8-250	3	8	250kcmil-10	1/2	4	7-9/16	1-1/8	15/16
PTT2-350	3	2	350kcmil-10	5/8	4	3-1/4	1-1/4	1
PTT3-350	3	3	350kcmil-10	5/8	4	4-3/16	1-1/4	1
PTT4-350	3	4	350kcmil-10	5/8	4	5-1/16	1-1/4	1
PTT5-350	3	5	350kcmil-10	5/8	4	6	1-1/4	1
PTT6-350	3	6	350kcmil-10	5/8	4	6-7/8	1-1/4	1
PTT8-350	3	8	350kcmil-10	5/8	4	8-11/16	1-1/4	1
PTT4-35012	3	4	350kcmil-10	1/2	4	5-1/16	1-1/4	1
PTT6-35012	3	6	350kcmil-10	1/2	4	6-7/8	1-1/4	1
PTT2-500	3	2	500kcmil-10	3/4	4-1/2	3-5/8	1-5/8	1
PTT3-500	3	3	500kcmil-10	3/4	4-1/2	4-3/4	1-5/8	1
PTT4-500	3	4	500kcmil-10	3/4	4-1/2	5-7/8	1-5/8	1
PTT5-500	3	5	500kcmil-10	3/4	4-1/2	7	1-5/8	1
PTT6-500	3	6	500kcmil-10	3/4	4-1/2	8-1/8	1-5/8	1
PTT8-500	3	8	500kcmil-10	3/4	4-1/2	10-3/8	1-5/8	1
PTT4-750	3	4	750kcmil-1/0	3/4	5-1/2	7	1-3/4	1-3/16
PTT90-4-250	4	4	250kcmil-10	1/2	3-13/32	4-15/32	1-1/8	29/32
PTT90-6-250	4	6	250kcmil-10	1/2	3-13/32	6-3/32	1-1/8	29/32
PTT90-8-250	4	8	250kcmil-10	1/2	3-13/32	7-23/32	1-1/8	29/32
PTT4-350B	5	4	350kcmil-10	5/8	4	4-43/64	1-1/4	1-1/4
PTT6-350B	5	6	350kcmil-10	5/8	4	6-1/2	1-1/4	1-1/4

PTT OPTIONS:

- D - Disc Pad Screws
- 9/16H - 9/16" Hex
- B - Blind Hole
- A - Anodized Screw
- P - Inhibitor

Example:

PTT4-250DAP



Inhibitor Must be **LAST**

TYPE UPG

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Rated for 600 volts
- Range taking
- Clear plated
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Reduces inventory
- Provides low contact resistance
- Industry standard



Fig. 1



Fig. 2

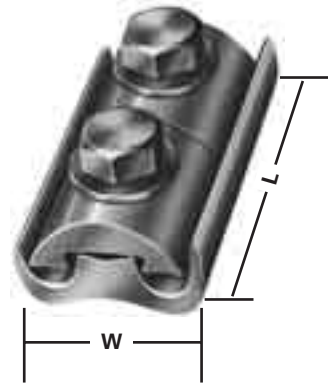


Fig. 3

Catalog Number	Figure Number	Wire Range		Type and Bolt Size	Screw Height	L	W
		Main	Tap				
PG-108	1	1/0-8sol	1/0-8sol	3/8 AL	1-1/2	1-9/32	1-15/32
PG-306	2	3/0-6sol	2/0-6sol	3/8 AL	1-1/2	1-3/8	1-11/16
PG-306S	2	3/0-6sol	3/0-6sol	3/8 Steel	1-1/2	1-3/8	1-11/16
PG-402S	2	4/0-2	4/0-2	3/8 Steel	1-1/2	1-1/2	1-3/4
PG-620S	2	2/0-6sol	2/0-6sol	3/8 Steel	1-1/2	1-3/16	1-1/8
PG-402-2S	3	4/0-2	4/0-2	3/8 Steel	1-1/2	3-1/16	1-3/4

All PG clamps are pre-filled with inhibitor unless specified unfilled.

UPG OPTIONS:

A - Aluminum Bolt
S - Steel Bolt

Example:

PG-402-2S



TYPE SXA

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Rated for 600 volts
- Range taking
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Reduces inventory
- Industry standard



Catalog Number	Wire Range	Dimensions		
		L	H	W
SXA-750S	750kcmil-300kcmil	1-1/2	1-15/16	1-3/8

SXA OPTIONS:

- S - Steel Screw
- P - Inhibitor

Example:

SXA-750P

↑
Inhibitor Must be **LAST**

TYPE OHST

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Rated for 600 volts
- Range taking
- Insulating cover available
- Clear plated
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Reduces inventory
- Eliminates taping
- Provides low contact resistance
- Industry standard

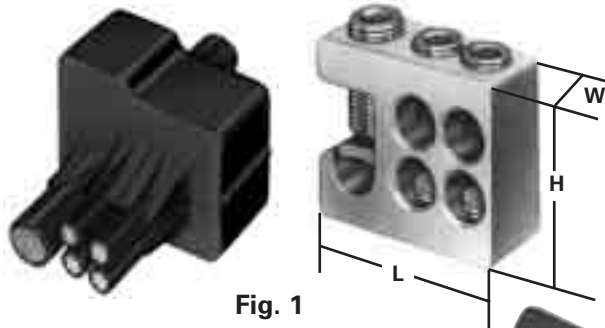


Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5

Catalog Number	Figure Number	Cover	Wire Range		No. of Tap Openings	Dimensions		
			Main	Tap		L	H	W
ULP-250250	3	N/A	250kcmil-2	250kcmil-6	1	2-3/8	2	15/16
UL4P-2502/0	1	R0101	250kcmil-2	2/0-14 or 1/0 ACSR	4	2-9/32	2	15/16
UL4P-2503/0	1	R0101	250kcmil-2	3/0-6	4	2-9/32	2	15/16
UL4P-2504/0K*	4	-	250kcmil-2	4/0-6	4	2-9/32	2	1-1/2
UL4P-5004/0*	2	-	500kcmil-3/0	4/0-6	4	4-59/64	2-7/8	4-15/16
PM336.4/366.4+	5	-	336.4kcmil-6	336.4kcmil-6	2	2-15/32	2-7/16	1

* Includes cover

See page 228 for cover information

Kits Available (connectors & covers) Consult Factory

+ RUS Listed

OHST OPTIONS:

A - Anodized Screw

K - Kit

P - Inhibitor

Example:

ULP4P-2502/0P

Inhibitor Must be **LAST**





Aluminum Overhead Connector for Multiple Service Taps - Dual Rated

TYPE
TNT

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Rated for 600 volts
- Range taking
- Clear plated
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Reduces inventory
- Provides low contact resistance
- Industry standard



E

Catalog Number	Wire Range	
	Main	Tap
TNT4-40	350kcmil-1/0	4/0-12sol

TNT OPTIONS:

P - Inhibitor

Example:

TNT4-40P

↑
Inhibitor Must be LAST



Aluminum Insulated Overhead Connector for Multiple Service Taps - Dual Rated

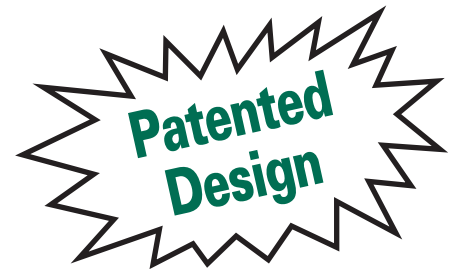
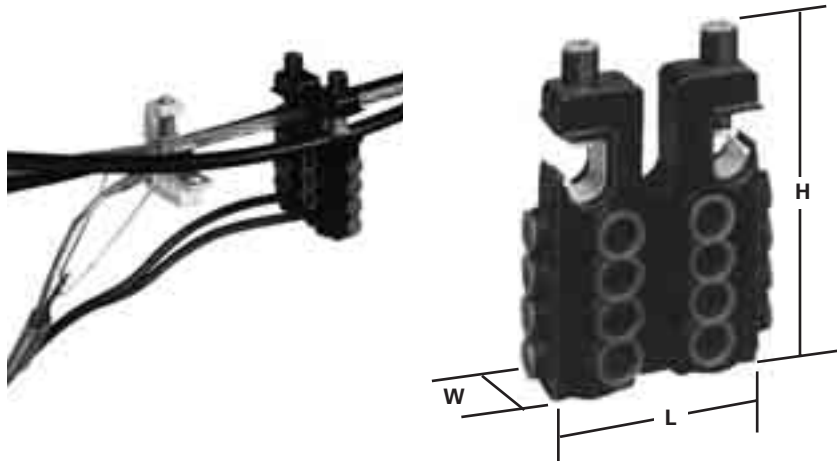
TYPE MST

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Rated for 600 volts
- Range taking
- Cover has dielectric strength of 240 volts per mil, nominal thickness of 125 mils
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Ensures reliability
- Reduces inventory
- No taping required, reliable insulation
- Industry standard



Catalog Number	Wire Range		Dimensions		
	Main	Tap	L	H	W
MST41-3504/0	350kcmil-1/0	4/0-12sol	4-5/64	5-3/4	1-1/4

MST OPTIONS:
P - Inhibitor

Example:
MST41-3504/0P
↑
Inhibitor Must be **LAST**

TYPE OHB

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Chamfered wire entry
- Rated for 600 volts
- Range taking
- Insulating cover available
- Clear plated
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Provides ease of installation
- Ensures reliability
- Reduces inventory
- Eliminates taping
- Provides low contact resistance
- Industry standard



Fig. 1

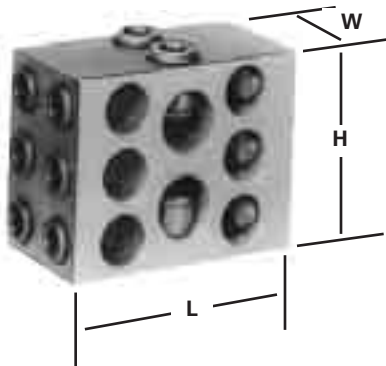


Fig. 2



Fig. 4



Fig. 3

Catalog Number	Figure Number	Wire Range		Number of Ports		Dimensions			Cover Catalog Number
		Main	Tap	Main	Tap	Length	Height	Width	
UGD21-350500	1	350kcmil-1/0	500kcmil-3/0	1	2	3	1-7/8	1-1/2	CKM
UGD21-500500	1	500kcmil-3/0	500kcmil-3/0	1	2	3	1-7/8	2	CKM
UGD41-750600	4	750kcmil-1/0	500kcmil-2	1	4	4-1/2	2-1/2	2-3/8	CML
UGD4-500750	2	500kcmil-2	750kcmil-1/0	2	4	4-1/2	2-1/2	3-1/2	CMA
UGD6-750600	2	750kcmil-1/0	600kcmil-2	2	6	4-1/2	2-1/2	3-1/2	CMA
UGD-7504+4B	3	750kcmil-1/0	750kcmil-1/0	2	2	5-3/8	3	4	CMB
UGD6-1000-750	2	1000kcmil-750kcmil	500kcmil-2	2	6	4-1/2	2-1/2	3-1/2	CMA



See page 226 for cover information

OHB OPTIONS:

- K - Kit
- B - Blind Hole
- A - Anodized Screw
- P - Inhibitor
- T - Tin Plate

Example:

UGD41-750500AP

Anodized Screw 
Inhibitor Must be **LAST** 

KUP-L-TAP® Insulation Piercing Connectors Save Time And Money

Tin plated, hardened copper contact teeth easily penetrate most types of conductor insulation.

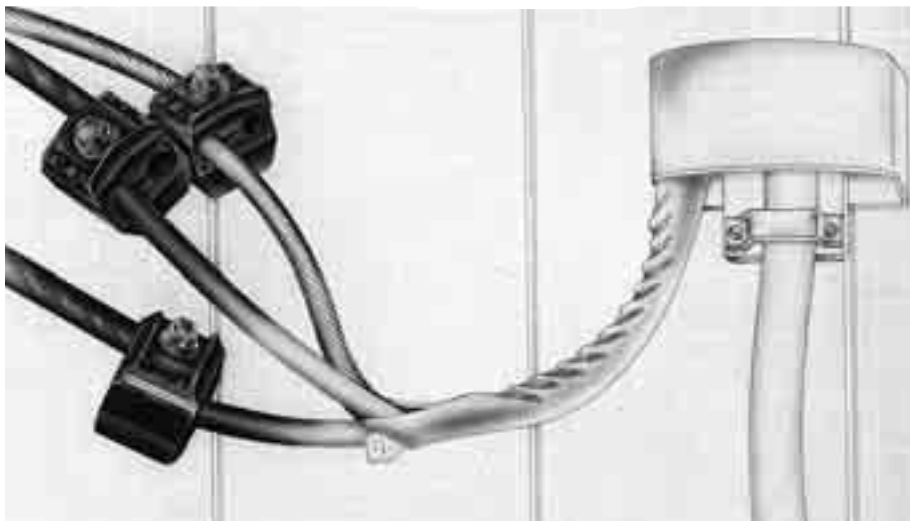
Bolt tightens with just a wrench.
Available in stainless steel for corrosive environments.

KUP-L-TAP® is dual-rated for copper and aluminum conductors.

End tabs knock out easily by hand.

A horizontal line grid provides a visual guide for proper alignment of connector body.

KUP-L-TAP® body is molded of tough, resilient glass-filled nylon. Silicone compound acts as a blocking agent to protect connection from oxidation



TYPE UPC

Features

- Body is molded from tough, resilient glass-filled nylon
- UL Listed and CSA Certified for UPC-4/0-2/0, UPC-4/0-14, UPC-500-12 only
- Compact design
- Tin plated copper contact teeth
- Insulation piercing
- Perforated end tabs
- Pre-filled with silicone lubricant
- Versatile
- Increased safety
- Horizontal line grid
- Temperature rating 90° C

Benefits

- Provides high degree of breakage resistance and long dependable use
- Ensures reliability for copper or aluminum conductors
- Saves space
- Easily penetrates most types of insulation
- No need to strip the conductor which saves installation time
- Break out easily by hand
- Prevents oxidation and moisture from entering the contact area
- Can be used as a splice or tap connector
- Contains no external energized parts. Can be installed "hot" on energized conductors providing tap conductor is not under load.
- Provides a visual guide for proper installation of conductors
- Industry standard

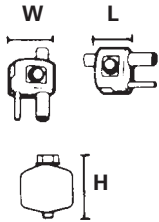


Fig. 1



Fig. 2



Fig. 3

Catalog Number	Figure Number	Wire Range		Volts	Current Rating		Dimensions			Torque Ft. Lbs.	Bolt Head Size
		Main	Tap		CU	AL	L	W	H		
+ UPC-1/0-2	3	1/0-8	2-8	300 (480 Grounded Y System)	130	100	1-7/32	1-15/32	2-5/16	16	1/2
+ UPC-4/0-6	2	4/0-4	6-14	600	75	60	1-27/64	1	1-7/8	13	1/2
* UPC-4/0-2/0	3	4/0-2	2/0-6	600	195	150	1-21/32	1-7/8	2-7/8	25	1/2
+* UPC-250-4/0	2	250kcmil-1	4/0-6	600	260	205	1-7/8	2-11/32	3-11/32	30	5/8
+ UPC-350-4/0	3	350kcmil-4/0	4/0-10	300 (480 Grounded Y System)	260	205	1-43/64	2-7/16	3-1/8	25	5/8
UPC-500-12	1	500kcmil-250kcmil	10-12	300 (480 Grounded Y System)	40	35	1-43/64	2-7/16	3-1/4	25	5/8
+* UPC-500-500	1	500kcmil-300kcmil	500kcmil-250kcmil	600	430	350	3-3/16	3-5/8	5	75	7/8-7/8
UPC-4/0-14	1	4/0-4	6-14	600	75	60	1	1-7/16	2-5/16	13	1/2

* May also be used on bare conductor

+ Not UL Listed or CSA Certified

Tested to UL 486A-486B, UL File E6207

TA



58

AU



59

T3A



60

T4A4



61

PB



62

UPC



63-64

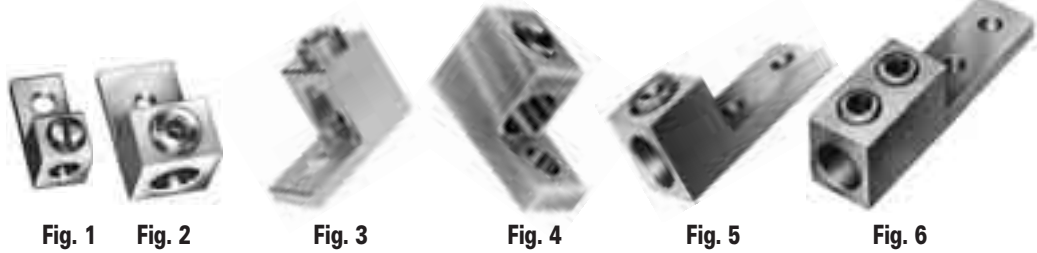
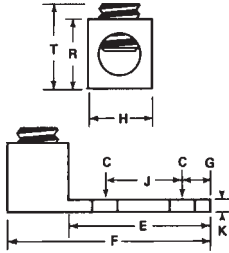
TYPE TA

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Electro-tin plated
- Chamfered wire entry
- UL Listed and CSA Certified for 600 volts, 90° C
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Provides low contact resistance
- Provides ease of installation
- Ensures reliability for copper or aluminum conductors
- Industry standard



F

Catalog Number	Figure Number	Wire Range	Bolt Size	Dimensions										Hex Size
				C	E	F	G	H	J	K	R	T		
TA-6-S	1	4-14	1/4	17/64	11/16	1-1/16	1/4	1/2	-	3/32	1/2	41/64	S	
TA-2	1	2-14	1/4	17/64	11/16	1-5/32	5/16	1/2	-	7/64	9/16	3/4	S	
TA-0	1	1/0-14	1/4	17/64	27/32	1-15/32	7/16	5/8	-	3/16	25/32	29/32	S	
TA-2/0	2	2/0-14	1/4	17/64	27/32	1-15/32	7/16	5/8	-	3/16	25/32	1-1/32	3/16	
TA-250	2	250kcmil-6	5/16	21/64	1	2	15/32	1	-	1/4	1-1/8	1-21/64	5/16	
TA-300	2	300kcmil-6	1/4	9/32	1	2	1/2	55/64	-	1/4	1-1/8	1-11/32	5/16	
TA-350	2	350kcmil-6	3/8	13/32	1-1/8	2-1/4	1/2	1-1/8	-	1/4	1-1/4	1-29/64	3/8	
TA-500	2	500kcmil-4	3/8	13/32	1-19/32	2-13/16	7/8	1-1/2	-	5/16	1-13/16	1-13/16	3/8	
TA-500-S	3	One: 600kcmil-4 Two: 250kcmil-1/0	3/8	13/32	1-1/2	2-13/16	5/8	1-5/16	-	5/16	1-13/16	2-3/16	1/2	
TA-600	2	600kcmil-2	3/8	13/32	1-13/16	3-3/16	7/8	1-1/2	-	7/16	1-9/16	1-31/32	1/2	
TA-800	2	800kcmil-300kcmil	5/8	21/32	1-3/4	3-3/8	7/8	1-3/4	-	1/2	1-15/16	2-15/64	1/2	
TA-800-S	4	800kcmil-3/0	5/8	21/32	1-3/4	3-1/4	11/16	1-5/16	-	1/2	1-13/16	2-3/16	1/2	
TA-1000	2	1000kcmil-350kcmil	5/8	21/32	1-3/4	3-3/8	7/8	1-3/4	-	1/2	1-15/16	2-25/64	9/16	
TA-1000-S	4	1000kcmil-500kcmil	5/8	21/32	1-3/4	3-1/4	11/16	1-7/16	-	1/2	1-13/16	2-3/16	9/16	
TA-350-2NS	5	350kcmil-6	1/2	9/16	3	4-5/16	5/8	1-1/8	1-3/4	5/16	1-3/8	1-29/64	3/8	
TA-600-2NS	5	600kcmil-2	1/2	9/16	3-5/16	4-11/16	5/8	1-1/2	1-3/4	7/16	1-3/8	1-59/64	1/2	
TA-800-2NS	5	800kcmil-300kcmil	1/2	9/16	3-1/8	4-3/4	5/8	1-3/4	1-3/4	1/2	1-15/16	2-3/16	1/2	
TA-1000-2NS	5	1000kcmil-500kcmil	1/2	9/16	3-1/8	4-3/4	5/8	1-3/4	1-3/4	1/2	1-15/16	2-27/64	9/16	
TA-350-2N	6	350kcmil-6	1/2	9/16	3-1/4	5-1/2	5/8	1-1/4	1-3/4	3/8	1-1/2	1-21/32	(2)3/8	
TA-600-2N	6	600kcmil-2	1/2	9/16	3-1/4	5-1/2	5/8	1-3/8	1-3/4	3/8	1-1/2	1-31/32	(2)3/8	
TA-800-2N	6	800kcmil-300kcmil	1/2	9/16	3-5/8	5.97	5/8	1-1/2	1-3/4	1/2	1.813	2-15/64	(2)1/2	
TA-1000-2N	6	1000kcmil-500kcmil	1/2	9/16	3-5/8	5.97	5/8	1-5/8	1-3/4	1/2	1.813	2-25/64	(2)1/2	

DE-OX Inhibitor is recommended for all aluminum terminations.
Tested to UL 486A-486B, UL File E6207

TYPE AU

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Electro-tin plated
- Chamfered wire entry
- UL Listed and CSA Certified for 600 volts, 90° C
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Provides low contact resistance
- Provides ease of installation
- Ensures reliability for copper or aluminum conductors
- Industry standard

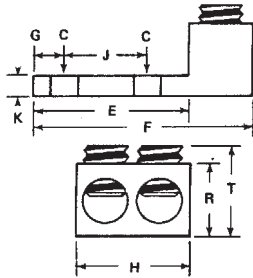


Fig. 1



Fig. 2



Fig. 3



Fig. 4

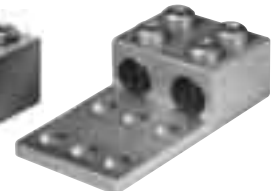


Fig. 5

Catalog Number	Figure Number	Wire Range	Bolt Size	Dimensions									Hex Size
				C	E	F	G	H	J	K	R	T	
AU-0	1	Two: 1/0-14	1/4	17/64	27/32	1-15/32	7/16	1-1/8	-	3/16	51/64	29/32	S
AU-2/0	2	Two: 2/0-14	1/4	17/64	27/32	1-15/32	27/64	1-1/4	-	3/16	51/64	1-1/32	3/16
AU-250	2	Two: 250kcmil-6	3/8	25/64	1-9/16	2-9/16	7/8	1-21/32	-	1/4	1-3/16	1-9/32	5/16
AU-350	2	Two: 350kcmil-4	1/2	9/16	1-3/4	2-7/8	7/8	1-57/64	-	1/4	1-1/4	1-3/8	5/16
AU-600	2	Two: 600kcmil-2	1/2	17/32	1-13/16	3-3/16	5/8	2-13/32	-	7/16	1-9/16	1-31/32	1/2
AU-800	2	Two: 800kcmil-300kcmil	5/8	21/32	1-3/4	3-3/8	7/8	3-3/16	-	1/2	1-15/16	2-15/64	1/2
AU-1000	2	Two: 1000kcmil-500kcmil	5/8	21/32	1-3/4	3-3/8	7/8	3-3/16	-	1/2	1-15/16	2-25/64	9/16
AU-600-2NS	3	Two: 600kcmil-2	1/2	9/16	3-5/16	4-11/16	5/8	2-13/32	1-3/4	7/16	1-3/8	2-3/64	1/2
AU-800-2NS	3	Two: 800kcmil-300kcmil	1/2	9/16	3-1/8	4-3/4	5/8	3-3/16	1-3/4	1/2	1-15/16	2-3/16	1/2
AU-1000-2NS	3	Two: 1000kcmil-500kcmil	1/2	9/16	3-1/8	4-3/4	5/8	3-3/16	1-3/4	1/2	1-5/8	2-33/64	9/16
AU-350-2N	4	Two: 350kcmil-6	1/2	9/16	3	4-5/16	5/8	2	1-3/4	5/16	1-3/8	1-29/64	5/16
AU-350-N*	5	Two: 350kcmil-6	1/2	9/16	3-1/4	5-1/2	5/8	2-3/4	1-3/4	3/8	1-1/2	1-31/32	5/16
AU-600-2N*	5	Two: 600kcmil-2	1/2	9/16	3-1/4	5-1/2	5/8	2-3/4	1-3/4	3/8	1-1/2	1-31/32	1/2
AU-800-2N*	5	Two: 800kcmil-300kcmil	1/2	9/16	3-5/8	5-31/32	5/8	3	1-3/4	1/2	1-13/16	2-15/64	1/2
AU-1000-2N*	5	Two: 1000kcmil-500kcmil	1/2	9/16	3-5/8	5-31/32	5/8	3-1/4	1-3/4	1/2	1-13/16	2-25/64	9/16

DE-OX Inhibitor is recommended for all aluminum terminations.

Tested to UL 486A-486B, UL File E6207

* Mounting hole spacing from side to side, hole to hole is .875

F

TYPE T3A

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Electro tin plated
- Chamfered wire entry
- UL Listed and CSA Certified for 600 volts, 90° C
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Provides low contact resistance
- Provides ease of installation
- Ensures reliability for copper or aluminum conductors
- Industry standard

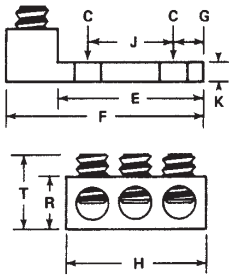


Fig. 1



Fig. 2



Fig. 3

Catalog Number	Figure Number	Wire Range	Bolt Size	Dimensions									Hex Size
				C	E	F	G	H	J	K	R	T	
T3A2-2	1	Three: 2-14	5/16	11/32	1-11/16	2-3/16	11/32	1-19/32	7/8	3/16	5/8	13/16	Slot
T3A2-0	1	Three: 1/0-14	3/8	7/16	2-5/32	2-29/32	11/32	1-15/16	1	1/4	7/8	15/16	Slot
T3A2-3/0N	1	Three: 3/0-6	1/2	9/16	3	3-7/8	5/8	2-13/16	1-3/4	5/16	1-1/8	1-1/2	5/16
T3A2-250N	1	Three: 250kcmil-6	1/2	9/16	3	4	5/8	2-13/16	1-3/4	5/16	1-3/16	1-17/32	5/16
T3A2-350N	1	Three: 350kcmil-6	1/2	9/16	3	4-5/16	5/8	3	1-3/4	5/16	1-3/8	1-17/32	5/16
T3A2-600N*	3	Three: 600kcmil-2	1/2	9/16	3-1/4	5-1/2	5/8	3-1/2	1-3/4	3/8	1-1/2	1-49/64	3/8
T3A2-800N*	3	Three: 800kcmil-350kcmil	1/2	9/16	3-5/8	5-31/32	5/8	4-1/8	1-3/4	1/2	1-13/16	2-21/64	5/16
T3A2-1000N*	3	Three: 1000kcmil-500kcmil	1/2	9/16	3-5/8	5-31/32	5/8	4-7/8	1-3/4	1/2	1-13/16	2-21/64	3/8
T3A4-2	2	Three: 2-14	5/16	11/32	1-11/16	2-3/16	11/32	1-19/32	7/8	3/16	5/8	13/16	Slot
T3A4-0	2	Three: 1/0-14	3/8	7/16	2-5/32	2-29/32	11/32	1-15/16	1	1/4	7/8	15/16	Slot
T3A4-3/0N	2	Three: 3/0-6	1/2	9/16	3	3-7/8	5/8	2-13/16	1-3/4	5/16	1-1/8	1-1/2	5/16
T3A4-250N	2	Three: 250kcmil-6	1/2	9/16	3	4	5/8	2-13/16	1-3/4	5/16	1-3/16	1-17/32	5/16
T3A4-350N	2	Three: 350kcmil-6	1/2	9/16	3	4-5/16	5/8	3	1-3/4	5/16	1-3/8	1-17/32	5/16
T3A4-600N*	3	Three: 600kcmil-2	1/2	9/16	3-1/4	5-1/2	5/8	3-1/2	1-3/4	3/8	1-1/2	1-49/64	1/2
T3A4-800N*	3	Three: 800kcmil-350kcmil	1/2	9/16	3-5/8	5-31/32	5/8	4-1/8	1-3/4	1/2	1-13/16	2-21/64	1/2
T3A4-1000N*	3	Three: 1000kcmil-500kcmil	1/2	9/16	3-5/8	5-31/32	5/8	4-7/8	1-3/4	1/2	1-13/16	2-21/64	1/2

DE-OX Inhibitor is recommended for all aluminum terminations.

Tested to UL 486A-486B, UL File E6207

* Mounting hole spacing from side to side, hole to hole is .875

TYPE T4A4

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Electro-tin plated
- Chamfered wire entry
- UL Listed and CSA Certified for 600 volts, 90° C
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Provides low contact resistance
- Provides ease of installation
- Ensures reliability for copper or aluminum conductors
- Industry standard

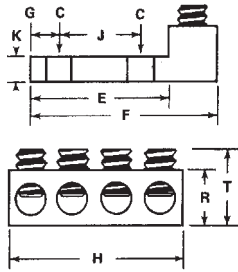


Fig. 1



Fig. 2



Fig. 3



Fig. 4

Catalog Number	Figure Number	Wire Range	Bolt Size	Dimensions									Hex Size
				C	E	F	G	H	J	K	R	T	
T4A4-250N*	1	250kcmil-6	1/2	9/16	3	4	5/8	3-49/64	1-3/4	5/16	1-3/16	1-17/32	5/16
T4A4-350N*	1	350kcmil-6	1/2	9/16	3	4-5/16	5/8	4-1/64	1-3/4	5/16	1-3/8	1-17/32	5/16
T4A4-600N*	3	600kcmil-2	1/2	9/16	3-1/4	5-1/2	5/8	5	1-3/4	3/8	1-1/2	1-7/8	1/2
T4A4-800N*	2	800kcmil-350kcmil	1/2	9/16	3-5/8	5-31/32	5/8	6	1-3/4	1/2	1-13/16	2-13/64	1/2
T4A4-1000N*	4	1000kcmil-350kcmil	1/2	9/16	3-5/8	5-31/32	5/8	6-1/2	1-3/4	1/2	1-13/16	2-13/64	1/2

DE-OX Inhibitor is recommended for all aluminum terminations.

Tested to UL 486A-486B, UL File E6207

* Mounting hole spacing from side to side, hole to hole is .875



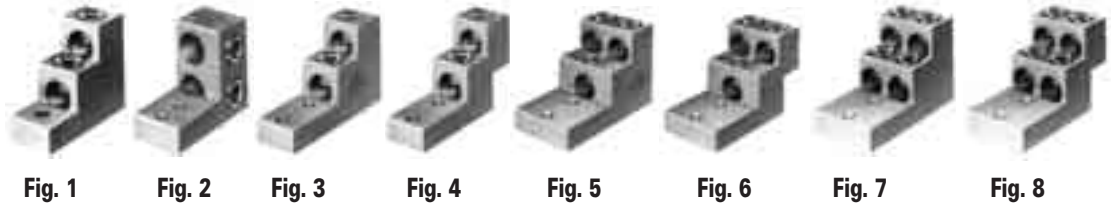
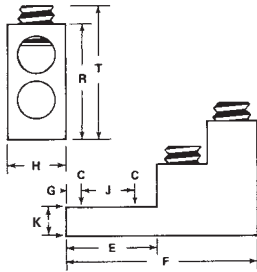
TYPE PB

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Electro-tin plated
- Chamfered wire entry
- UL Listed and CSA Certified for 600 volts, 90° C
- Stacked design
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Provides low contact resistance
- Provides ease of installation
- Ensures reliability for copper or aluminum conductors
- Saves space and reduces installation time
- Industry standard



Catalog Number	Figure Number	Wire Range	Bolt Size	Dimensions									Hex Size
				C	E	F	G	H	J	K	R	T	
PB2-300	1	300kcmil-6	5/16	21/64	1	3	15/32	1	-	5/16	2	2-5/16	5/16
PB2-500	2	500kcmil-4/0	1/4	9/32	1-11/16	2-29/32	1/4	1-7/16	11/16	5/8	2-3/8	1-27/64	3/8
PB2-600	4	600kcmil-2	3/8	13/32	2-11/32	4-29/32	3/8	1-1/2	1-3/8	3/4	3	3-29/64	1/2
PB3-600	6	600kcmil-2	3/8	13/32	2-11/32	4-29/32	3/8	2-15/32	1-3/8	3/4	3	3-29/64	1/2
PB4-600	8	600kcmil-2	3/8	13/32	2-11/32	4-29/32	3/8	2-15/32	1-3/8	3/4	3	3-29/64	1/2
PB2-750	4	750kcmil-1/0	3/8	13/32	2-11/32	4-29/32	3/8	1-11/16	1-3/8	3/4	3	3-29/64	1/2
PB4-750	8	750kcmil-1/0	3/8	13/32	2-11/32	4-29/32	3/8	2-5/8	1-3/8	3/4	3	3-29/64	1/2
PB3-600-2N	5	600kcmil-2	1/2	9/16	3-1/8	5-11/16	3/8	2-15/32	1-3/4	3/4	3	3-29/64	1/2
PB2-600-2N	3	600kcmil-2	1/2	9/16	3-1/8	5-11/16	3/8	1-1/2	1-3/4	3/4	3	3-29/64	1/2
PB2-750-2N	3	750kcmil-1/0	1/2	9/16	3-1/8	5-11/16	3/8	1-11/16	1-3/4	3/4	3	3-29/64	1/2
PB4-600-2N	7	600kcmil-2	1/2	9/16	3-1/8	5-11/16	3/8	2-15/32	1-3/4	3/4	3	3-29/64	1/2
PB4-750-2N	7	750kcmil-1/0	1/2	9/16	3-1/8	5-11/16	3/8	3-1/16	1-3/4	3/4	3	3-29/64	1/2

DE-OX Inhibitor is recommended for all aluminum terminations.

Tested to UL 486A-486B, UL File E6207

KUP-L-TAP® Insulation Piercing Connectors Save Time And Money

Tin plated, hardened copper contact teeth easily penetrate most types of conductor insulation.

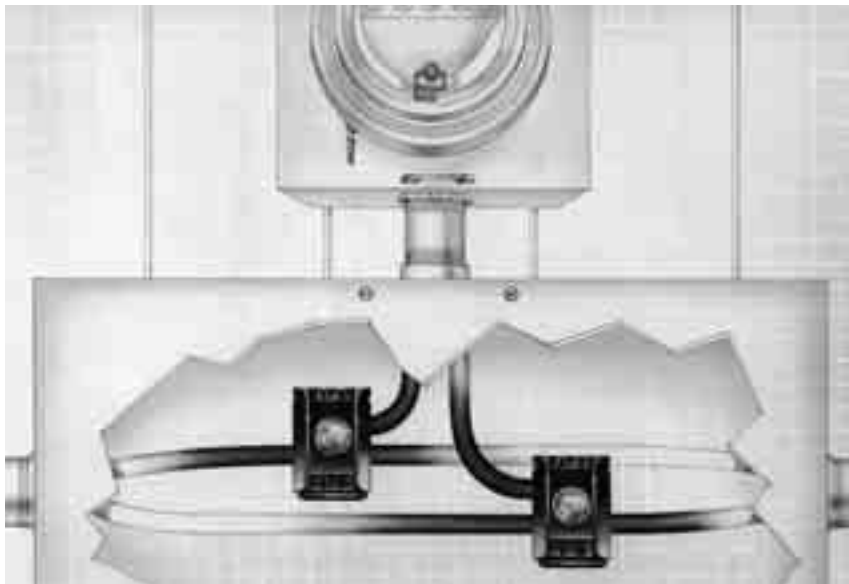
Bolt tightens with just a wrench.
Available in stainless steel for corrosive environments.

KUP-L-TAP® is dual-rated for copper and aluminum conductors.

End tabs knock out easily by hand.

A horizontal line grid provides a visual guide for proper alignment of connector body.

KUP-L-TAP® body is molded of tough, resilient glass-filled nylon. Silicone compound acts as a blocking agent to protect connection from oxidation.



TYPE UPC

Features

- Body is molded from tough, resilient glass-filled nylon
- UL Listed and CSA Certified for UPC-4/0-2/0, UPC-4/0-14, UPC-500-12 only
- Compact design
- Tin plated copper contact teeth
- Insulation piercing
- Perforated end tabs
- Pre-filled with silicone lubricant
- Versatile
- Increased safety
- Horizontal line grid
- Temperature rating 90° C

Benefits

- Provides high degree of breakage resistance and long dependable use
- Ensures reliability for copper or aluminum conductors
- Saves space
- Easily penetrates most types of insulation
- No need to strip the conductor which saves installation time
- Break out easily by hand
- Prevents oxidation and moisture from entering the contact area
- Can be used as a splice or tap connector
- Contains no external energized parts. Can be installed "hot" on energized conductors providing tap conductor is not under load.
- Provides a visual guide for proper installation of conductors
- Industry standard

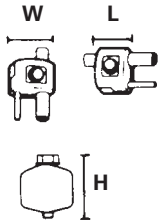


Fig. 1



Fig. 2



Fig. 3

F

Catalog Number	Figure Number	Wire Range		Volts	Current Rating		Dimensions			Torque Ft. Lbs.	Bolt Head Size
		Main	Tap		CU	AL	L	W	H		
+ UPC-1/0-2	3	1/0-8	2-8	300 (480 Grounded Y System)	130	100	1-7/32	1-15/32	2-5/16	16	1/2
+ UPC-4/0-6	2	4/0-4	6-14	600	75	60	1-27/64	1	1-7/8	13	1/2
* UPC-4/0-2/0	3	4/0-2	2/0-6	600	195	150	1-21/32	1-7/8	2-7/8	25	1/2
+* UPC-250-4/0	2	250kcmil-1	4/0-6	600	260	205	1-7/8	2-11/32	3-11/32	30	5/8
+ UPC-350-4/0	3	350kcmil-4/0	4/0-10	300 (480 Grounded Y System)	260	205	1-43/64	2-7/16	3-1/8	25	5/8
UPC-500-12	1	500kcmil-250kcmil	10-12	300 (480 Grounded Y System)	40	35	1-43/64	2-7/16	3-1/4	25	5/8
+* UPC-500-500	1	500kcmil-300kcmil	500kcmil-250kcmil	600	430	350	3-3/16	3-5/8	5	75	7/8-7/8
UPC-4/0-14	1	4/0-4	6-14	600	75	60	1	1-7/16	2-5/16	13	1/2

* May also be used on bare conductor

+ Not UL Listed or CSA Certified

Tested to UL 486A-486B, UL File E6207

PBT



66

PBTD



67-69

UPBT



70

PBTS



71-73

PBTM



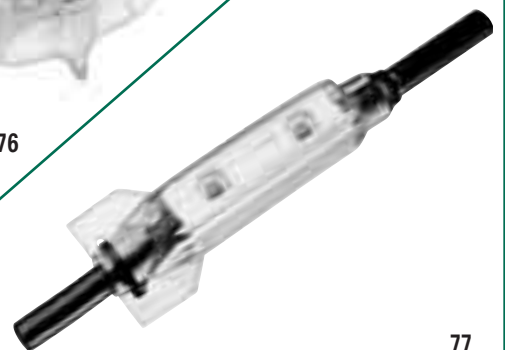
74-75

PCT



76

SPAR



77

TYPE PBT

Features

- Broad wire range: 750kcmil-14
- UL Listed and CSA Certified for 600 volts, 90° C
- Dual rated
- Cold temperature rated to -45° C
- High dielectric strength plastisol
- Black cover
- Removable plugs
- Prefilled with De-ox®

Benefits

- Flexibility in the field
- Ensures reliability
- For copper or aluminum conductor
- Application variability
- Chemical resistant
- UV Rated
- Entry port closure
- Prevents oxides from forming



Catalog Number	Figure No.	No. Of Ports	Wire Range	Dimensions			Hex Size
				L	W	H	
PBT-1/0	1	-	1/0-14	3.11	0.94	1.44	3/16
PBT-250	1	-	250kcmil-6	4.28	1.06	2.04	5/16
PBT-350	1	-	350kcmil-6	4.75	1.31	2.43	5/16
PBT-500	1	-	500kcmil-4	5.38	1.44	3.03	3/8
PBT-750	3	-	750kcmil-250kcmil	7.25	1.75	3.31	3/8
PBTO-4	2	2	4-14	1.17	1.25	1.31	1/8
PBTO-1/0	2	2	1/0-14	1.63	1.63	1.63	3/16
PBTO-3/0	2	2	3/0-6	1.89	1.68	1.86	3/16

Per NEC Article 310-316, allowable ampacities are as follows: #4-95 Amps, 1/0-170 Amps, 3/0-225 Amps, 250-290 Amps, 350-350 Amps, 500-430 Amps, 750-535 Amps
Replacement caps & plugs available. Consult Factory

Tested to UL 486A-486B, UL File E6207

G

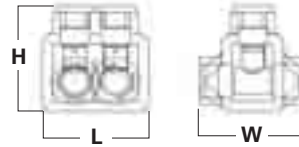
TYPE PBTD

Features

- Broad wire range: 750kcmil-14
- UL Listed and CSA Certified for 600 volts, 90° C
- Dual rated
- Cold temperature rated to -45° C
- High dielectric strength plastisol
- Black cover
- Removable plugs
- Prefilled with De-ox®

Benefits

- Flexibility in the field
- Ensures reliability
- For copper or aluminum conductor
- Application variability
- Chemical resistant
- UV Rated
- Entry port closure
- Prevents oxides from forming



Catalog Number	No. Of Ports	Wire Range	Dimensions			Hex Size
			L	W	H	
PBTD-2-4	2	4-14	1.24	1.25	1.42	1/8
PBTD-3-4	3	4-14	1.70	1.25	1.42	1/8
PBTD-4-4	4	4-14	2.16	1.25	1.42	1/8
PBTD-5-4	5	4-14	2.61	1.25	1.42	1/8
PBTD-6-4	6	4-14	3.07	1.25	1.42	1/8
PBTD-7-4	7	4-14	3.53	1.25	1.42	1/8
PBTD-8-4	8	4-14	3.99	1.25	1.42	1/8
PBTD-9-4	9	4-14	4.45	1.25	1.42	1/8
PBTD-10-4	10	4-14	4.90	1.25	1.42	1/8
PBTD-11-4	11	4-14	5.36	1.25	1.42	1/8
PBTD-12-4	12	4-14	5.82	1.25	1.42	1/8
PBTD-13-4	13	4-14	6.28	1.25	1.42	1/8
PBTD-14-4	14	4-14	6.74	1.25	1.42	1/8
PBTD-2-1/0	2	1/0-14	1.67	1.63	1.63	3/16
PBTD-3-1/0	3	1/0-14	2.29	1.63	1.63	3/16
PBTD-4-1/0	4	1/0-14	2.92	1.63	1.63	3/16
PBTD-5-1/0	5	1/0-14	3.54	1.63	1.63	3/16
PBTD-6-1/0	6	1/0-14	4.17	1.63	1.63	3/16
PBTD-7-1/0	7	1/0-14	4.79	1.63	1.63	3/16
PBTD-8-1/0	8	1/0-14	5.42	1.63	1.63	3/16
PBTD-9-1/0	9	1/0-14	6.04	1.63	1.63	3/16
PBTD-10-1/0	10	1/0-14	6.67	1.63	1.63	3/16
PBTD-11-1/0	11	1/0-14	7.29	1.63	1.63	3/16
PBTD-12-1/0	12	1/0-14	7.92	1.63	1.63	3/16
PBTD-13-1/0	13	1/0-14	8.54	1.63	1.63	3/16
PBTD-14-1/0	14	1/0-14	9.17	1.63	1.63	3/16
PBTD-2-3/0	2	3/0-6	1.89	1.68	1.86	3/16
PBTD-3-3/0	3	3/0-6	2.65	1.68	1.86	3/16
PBTD-4-3/0	4	3/0-6	3.42	1.68	1.86	3/16
PBTD-5-3/0	5	3/0-6	4.18	1.68	1.86	3/16
PBTD-6-3/0	6	3/0-6	4.95	1.68	1.86	3/16
PBTD-7-3/0	7	3/0-6	5.71	1.68	1.86	3/16
PBTD-8-3/0	8	3/0-6	6.48	1.68	1.86	3/16
PBTD-9-3/0	9	3/0-6	7.24	1.68	1.86	3/16

Per NEC Article 310-316, allowable ampacities are as follows: #4-95 Amps, 1/0-170 Amps, 3/0-225 Amps, 250-290 Amps, 350-350 Amps, 500-430 Amps, 750-535 Amps
 Replacement caps & plugs available. Consult Factory Tested to UL 486A-486B, UL File E6207

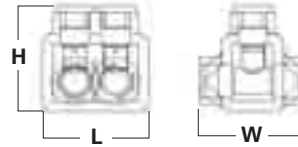
TYPE PBTD

Features

- Broad wire range: 750kcmil-14
- UL Listed and CSA Certified for 600 volts, 90° C
- Dual rated
- Cold temperature rated to -45° C
- High dielectric strength plastisol
- Black cover
- Removable plugs
- Prefilled with De-ox®

Benefits

- Flexibility in the field
- Ensures reliability
- For copper or aluminum conductor
- Application variability
- Chemical resistant
- UV Rated
- Entry port closure
- Prevents oxides from forming



Catalog Number	No. Of Ports	Wire Range	Dimensions			Hex Size
			L	W	H	
PBTD-10-3/0	10	3/0-6	8.01	1.68	1.86	3/16
PBTD-11-3/0	11	3/0-6	8.77	1.68	1.86	3/16
PBTD-12-3/0	12	3/0-6	9.54	1.68	1.86	3/16
PBTD-13-3/0	13	3/0-6	10.30	1.68	1.86	3/16
PBTD-14-3/0	14	3/0-6	11.07	1.68	1.86	3/16
PBTD-2-250	2	250kcmil-6	2.17	2.13	2.17	5/16
PBTD-3-250	3	250kcmil-6	3.07	2.13	2.17	5/16
PBTD-4-250	4	250kcmil-6	3.96	2.13	2.17	5/16
PBTD-5-250	5	250kcmil-6	4.85	2.13	2.17	5/16
PBTD-6-250	6	250kcmil-6	5.75	2.13	2.17	5/16
PBTD-7-250	7	250kcmil-6	6.64	2.13	2.17	5/16
PBTD-8-250	8	250kcmil-6	7.53	2.13	2.17	5/16
PBTD-9-250	9	250kcmil-6	8.42	2.13	2.17	5/16
PBTD-10-250	10	250kcmil-6	9.32	2.13	2.17	5/16
PBTD-11-250	11	250kcmil-6	10.21	2.13	2.17	5/16
PBTD-12-250	12	250kcmil-6	11.10	2.13	2.17	5/16
PBTD-13-250	13	250kcmil-6	12.00	2.13	2.17	5/16
PBTD-14-250	14	250kcmil-6	12.89	2.13	2.17	5/16
PBTD-2-350	2	350kcmil-6	2.51	2.25	2.62	5/16
PBTD-3-350	3	350kcmil-6	3.56	2.25	2.62	5/16
PBTD-4-350	4	350kcmil-6	4.61	2.25	2.62	5/16
PBTD-5-350	5	350kcmil-6	5.67	2.25	2.62	5/16
PBTD-6-350	6	350kcmil-6	6.71	2.25	2.62	5/16
PBTD-7-350	7	350kcmil-6	7.76	2.25	2.62	5/16
PBTD-8-350	8	350kcmil-6	8.81	2.25	2.62	5/16
PBTD-9-350	9	350kcmil-6	9.86	2.25	2.62	5/16
PBTD-10-350	10	350kcmil-6	10.91	2.25	2.62	5/16
PBTD-11-350	11	350kcmil-6	11.96	2.25	2.62	5/16
PBTD-12-350	12	350kcmil-6	13.01	2.25	2.62	5/16
PBTD-13-350	13	350kcmil-6	14.06	2.25	2.62	5/16
PBTD-14-350	14	350kcmil-6	15.11	2.25	2.62	5/16
PBTD-2-500	2	500kcmil-4	2.97	2.63	3.04	3/8
PBTD-3-500	3	500kcmil-4	4.12	2.63	3.04	3/8
PBTD-4-500	4	500kcmil-4	5.28	2.63	3.04	3/8

Per NEC Article 310-316, allowable ampacities are as follows: #4-95 Amps, 1/0-170 Amps, 3/0-225 Amps, 250-290 Amps, 350-350 Amps, 500-430 Amps, 750-535 Amps
 Replacement caps & plugs available. Consult Factory Tested to UL 486A-486B, UL File E6207

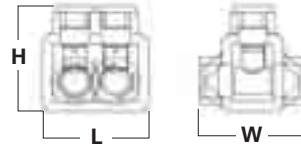
TYPE PBTD

Features

- Broad wire range: 750kcmil-14
- UL Listed and CSA Certified for 600 volts, 90° C
- Dual rated
- Cold temperature rated to -45° C
- High dielectric strength plastisol
- Black cover
- Removable plugs
- Prefilled with De-ox®

Benefits

- Flexibility in the field
- Ensures reliability
- For copper or aluminum conductor
- Application variability
- Chemical resistant
- UV Rated
- Entry port closure
- Prevents oxides from forming



Catalog Number	No. Of Ports	Wire Range	Dimensions			Hex Size
			L	W	H	
PBTD-5-500	5	500kcmil-4	6.44	2.63	3.04	3/8
PBTD-6-500	6	500kcmil-4	7.59	2.63	3.04	3/8
PBTD-7-500	7	500kcmil-4	8.75	2.63	3.04	3/8
PBTD-8-500	8	500kcmil-4	9.90	2.63	3.04	3/8
PBTD-9-500	9	500kcmil-4	11.06	2.63	3.04	3/8
PBTD-10-500	10	500kcmil-4	12.22	2.63	3.04	3/8
PBTD-11-500	11	500kcmil-4	13.37	2.63	3.04	3/8
PBTD-12-500	12	500kcmil-4	14.53	2.63	3.04	3/8
PBTD-13-500	13	500kcmil-4	15.68	2.63	3.04	3/8
PBTD-14-500	14	500kcmil-4	16.84	2.63	3.04	3/8
PBTD-2-750	2	750kcmil-250kcmil	3.47	3.25	3.31	1/2
PBTD-3-750	3	750kcmil-250kcmil	4.89	3.25	3.31	1/2
PBTD-4-750	4	750kcmil-250kcmil	6.32	3.25	3.31	1/2
PBTD-5-750	5	750kcmil-250kcmil	7.74	3.25	3.31	1/2
PBTD-6-750	6	750kcmil-250kcmil	9.16	3.25	3.31	1/2
PBTD-7-750	7	750kcmil-250kcmil	10.58	3.25	3.31	1/2
PBTD-8-750	8	750kcmil-250kcmil	12.00	3.25	3.31	1/2
PBTD-9-750	9	750kcmil-250kcmil	13.43	3.25	3.31	1/2
PBTD-10-750	10	750kcmil-250kcmil	14.85	3.25	3.31	1/2
PBTD-11-750	11	750kcmil-250kcmil	16.27	3.25	3.31	1/2
PBTD-12-750	12	750kcmil-250kcmil	17.69	3.25	3.31	1/2
PBTD-13-750	13	750kcmil-250kcmil	19.11	3.25	3.31	1/2
PBTD-14-750	14	750kcmil-250kcmil	20.54	3.25	3.31	1/2

Per NEC Article 310-316, allowable ampacities are as follows: #4-95 Amps, 1/0-170 Amps, 3/0-225 Amps, 250-290 Amps, 350-350 Amps, 500-430 Amps, 750-535 Amps
Replacement caps & plugs available. Consult Factory

Tested to UL 486A-486B, UL File E6207



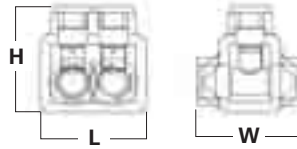
TYPE UPBT

Features

- Broad wire range
- Dual rated
- Cold temperature rated to -45° C
- High dielectric strength plastisol
- Black cover
- Removable plugs die cut with largest allowable conductor size
- Prefilled with De-ox®

Benefits

- Flexibility in the field
- For copper or aluminum conductor
- Application variability
- Chemical resistant
- UV Rated
- Entry port closure and ease of identification
- Prevents oxides from forming



Catalog Number	No. Of Ports	Wire Range	Dimensions			Hex Size
			L	W	H	
UPBTD-4-600	4	600kcmil-4	5.28	2.63	3.04	5/16
UPBTD-6-600	6	600kcmil-4	7.59	2.63	3.04	5/16
UPBTD-6-750	6	750kcmil-250kcmil	9.16	3.25	3.31	5/16
UPBTD-10-750	10	750kcmil-250kcmil	14.80	3.25	3.31	5/16

G

UPBT OPTIONS:
A - Anodized Screw

Example:
UPBTD-6-600A
Anodized Screw ↴

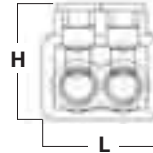
TYPE PBTS

Features

- Broad wire range: 750kcmil-14
- UL Listed and CSA Certified for 600 volts, 90° C
- Dual rated
- Cold temperature rated to -45° C
- High dielectric strength plastisol
- Black cover
- Removable plugs
- Prefilled with De-ox®

Benefits

- Flexibility in the field
- Ensures reliability
- For copper or aluminum conductor
- Application variability
- Chemical resistant
- UV Rated
- Entry port closure
- Prevents oxides from forming



Catalog Number	No. Of Ports	Wire Range	Dimensions			Hex Size
			L	W	H	
PBTS-2-4	2	4-14	1.24	1.22	1.42	1/8
PBTS-3-4	3	4-14	1.70	1.22	1.42	1/8
PBTS-4-4	4	4-14	2.16	1.22	1.42	1/8
PBTS-5-4	5	4-14	2.61	1.22	1.42	1/8
PBTS-6-4	6	4-14	3.07	1.22	1.42	1/8
PBTS-7-4	7	4-14	3.53	1.22	1.42	1/8
PBTS-8-4	8	4-14	3.99	1.22	1.42	1/8
PBTS-9-4	9	4-14	4.45	1.22	1.42	1/8
PBTS-10-4	10	4-14	4.90	1.22	1.42	1/8
PBTS-11-4	11	4-14	5.36	1.22	1.42	1/8
PBTS-12-4	12	4-14	5.82	1.22	1.42	1/8
PBTS-13-4	13	4-14	6.28	1.22	1.42	1/8
PBTS-14-4	14	4-14	6.74	1.22	1.42	1/8
PBTS-2-1/0	2	1/0-14	1.67	1.53	1.63	3/16
PBTS-3-1/0	3	1/0-14	2.29	1.53	1.63	3/16
PBTS-4-1/0	4	1/0-14	2.92	1.53	1.63	3/16
PBTS-5-1/0	5	1/0-14	3.54	1.53	1.63	3/16
PBTS-6-1/0	6	1/0-14	4.17	1.53	1.63	3/16
PBTS-7-1/0	7	1/0-14	4.79	1.53	1.63	3/16
PBTS-8-1/0	8	1/0-14	5.42	1.53	1.63	3/16
PBTS-9-1/0	9	1/0-14	6.04	1.53	1.63	3/16
PBTS-10-1/0	10	1/0-14	6.67	1.53	1.63	3/16
PBTS-11-1/0	11	1/0-14	7.29	1.53	1.63	3/16
PBTS-12-1/0	12	1/0-14	7.92	1.53	1.63	3/16
PBTS-13-1/0	13	1/0-14	8.54	1.53	1.63	3/16
PBTS-14-1/0	14	1/0-14	9.17	1.53	1.63	3/16
PBTS-2-3/0	2	3/0-6	1.89	1.58	1.86	3/16
PBTS-3-3/0	3	3/0-6	2.65	1.58	1.86	3/16
PBTS-4-3/0	4	3/0-6	3.42	1.58	1.86	3/16
PBTS-5-3/0	5	3/0-6	4.18	1.58	1.86	3/16
PBTS-6-3/0	6	3/0-6	4.95	1.58	1.86	3/16
PBTS-7-3/0	7	3/0-6	5.71	1.58	1.86	3/16
PBTS-8-3/0	8	3/0-6	6.48	1.58	1.86	3/16
PBTS-9-3/0	9	3/0-6	7.24	1.58	1.86	3/16

Per NEC Article 310-316, allowable ampacities are as follows: #4-95 Amps, 1/0-170 Amps, 3/0-225 Amps, 250-290 Amps, 350-350 Amps, 500-430 Amps, 750-535 Amps
 Replacement caps & plugs available. Consult Factory Tested to UL 486A-486B, UL File E6207



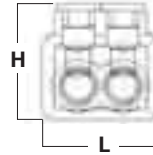
TYPE PBTS

Features

- Broad wire range: 750kcmil-14
- UL Listed and CSA Certified for 600 volts, 90° C
- Dual rated
- Cold temperature rated to -45° C
- High dielectric strength plastisol
- Black cover
- Removable plugs
- Prefilled with De-ox®

Benefits

- Flexibility in the field
- Ensures reliability
- For copper or aluminum conductor
- Application variability
- Chemical resistant
- UV Rated
- Entry port closure
- Prevents oxides from forming



Catalog Number	No. Of Ports	Wire Range	Dimensions			Hex Size
			L	W	H	
PBTS-10-3/0	10	3/0-6	8.00	1.58	1.86	3/16
PBTS-11-3/0	11	3/0-6	8.77	1.58	1.86	3/16
PBTS-12-3/0	12	3/0-6	9.54	1.58	1.86	3/16
PBTS-13-3/0	13	3/0-6	10.30	1.58	1.86	3/16
PBTS-14-3/0	14	3/0-6	11.07	1.58	1.86	3/16
PBTS-2-250	2	250kcmil-6	2.17	1.91	2.17	5/16
PBTS-3-250	3	250kcmil-6	3.07	1.91	2.17	5/16
PBTS-4-250	4	250kcmil-6	3.96	1.91	2.17	5/16
PBTS-5-250	5	250kcmil-6	4.85	1.91	2.17	5/16
PBTS-6-250	6	250kcmil-6	5.75	1.91	2.17	5/16
PBTS-7-250	7	250kcmil-6	6.64	1.91	2.17	5/16
PBTS-8-250	8	250kcmil-6	7.53	1.91	2.17	5/16
PBTS-9-250	9	250kcmil-6	8.42	1.91	2.17	5/16
PBTS-10-250	10	250kcmil-6	9.32	1.91	2.17	5/16
PBTS-11-250	11	250kcmil-6	10.21	1.91	2.17	5/16
PBTS-12-250	12	250kcmil-6	11.10	1.91	2.17	5/16
PBTS-13-250	13	250kcmil-6	12.00	1.91	2.17	5/16
PBTS-14-250	14	250kcmil-6	12.89	1.91	2.17	5/16
PBTS-2-350	2	350kcmil-6	2.51	2.03	2.62	5/16
PBTS-3-350	3	350kcmil-6	3.56	2.03	2.62	5/16
PBTS-4-350	4	350kcmil-6	4.61	2.03	2.62	5/16
PBTS-5-350	5	350kcmil-6	5.66	2.03	2.62	5/16
PBTS-6-350	6	350kcmil-6	6.71	2.03	2.62	5/16
PBTS-7-350	7	350kcmil-6	7.76	2.03	2.62	5/16
PBTS-8-350	8	350kcmil-6	8.81	2.03	2.62	5/16
PBTS-9-350	9	350kcmil-6	9.86	2.03	2.62	5/16
PBTS-10-350	10	350kcmil-6	10.91	2.03	2.62	5/16
PBTS-11-350	11	350kcmil-6	11.96	2.03	2.62	5/16
PBTS-12-350	12	350kcmil-6	13.01	2.03	2.62	5/16
PBTS-13-350	13	350kcmil-6	14.06	2.03	2.62	5/16
PBTS-14-350	14	350kcmil-6	15.11	2.03	2.62	5/16
PBTS-2-500	2	500kcmil-4	2.97	2.28	3.04	3/8
PBTS-3-500	3	500kcmil-4	4.12	2.28	3.04	3/8
PBTS-4-500	4	500kcmil-4	5.28	2.28	3.04	3/8

Per NEC Article 310-316, allowable ampacities are as follows: #4-95 Amps, 1/0-170 Amps, 3/0-225 Amps, 250-290 Amps, 350-350 Amps, 500-430 Amps, 750-535 Amps
 Replacement caps & plugs available. Consult Factory Tested to UL 486A-486B, UL File E6207

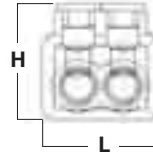
TYPE PBTS

Features

- Broad wire range: 750kcmil-14
- UL Listed and CSA Certified for 600 volts, 90° C
- Dual rated
- Cold temperature rated to -45° C
- High dielectric strength plastisol
- Black cover
- Removable plugs
- Prefilled with De-ox®

Benefits

- Flexibility in the field
- Ensures reliability
- For copper or aluminum conductor
- Application variability
- Chemical resistant
- UV Rated
- Entry port closure
- Prevents oxides from forming



Catalog Number	No. Of Ports	Wire Range	Dimensions			Hex Size
			L	W	H	
PBTS-5-500	5	500kcmil-4	6.44	2.28	3.04	3/8
PBTS-6-500	6	500kcmil-4	7.59	2.28	3.04	3/8
PBTS-7-500	7	500kcmil-4	8.75	2.28	3.04	3/8
PBTS-8-500	8	500kcmil-4	9.90	2.28	3.04	3/8
PBTS-9-500	9	500kcmil-4	11.06	2.28	3.04	3/8
PBTS-10-500	10	500kcmil-4	12.22	2.28	3.04	3/8
PBTS-11-500	11	500kcmil-4	13.37	2.28	3.04	3/8
PBTS-12-500	12	500kcmil-4	14.53	2.28	3.04	3/8
PBTS-13-500	13	500kcmil-4	15.68	2.28	3.04	3/8
PBTS-14-500	14	500kcmil-4	16.84	2.28	3.04	3/8
PBTS-2-750	2	750kcmil-250kcmil	3.47	2.75	3.31	1/2
PBTS-3-750	3	750kcmil-250kcmil	4.89	2.75	3.31	1/2
PBTS-4-750	4	750kcmil-250kcmil	6.32	2.75	3.31	1/2
PBTS-5-750	5	750kcmil-250kcmil	7.74	2.75	3.31	1/2
PBTS-6-750	6	750kcmil-250kcmil	9.16	2.75	3.31	1/2
PBTS-7-750	7	750kcmil-250kcmil	10.58	2.75	3.31	1/2
PBTS-8-750	8	750kcmil-250kcmil	12.00	2.75	3.31	1/2
PBTS-9-750	9	750kcmil-250kcmil	13.43	2.75	3.31	1/2
PBTS-10-750	10	750kcmil-250kcmil	14.85	2.75	3.31	1/2
PBTS-11-750	11	750kcmil-250kcmil	16.27	2.75	3.31	1/2
PBTS-12-750	12	750kcmil-250kcmil	17.69	2.75	3.31	1/2
PBTS-13-750	13	750kcmil-250kcmil	19.11	2.75	3.31	1/2
PBTS-14-750	14	750kcmil-250kcmil	20.54	2.75	3.31	1/2

Per NEC Article 310-316, allowable ampacities are as follows: #4-95 Amps, 1/0-170 Amps, 3/0-225 Amps, 250-290 Amps, 350-350 Amps, 500-430 Amps, 750-535 Amps
Replacement caps & plugs available. Consult Factory

Tested to UL 486A-486B, UL File E6207



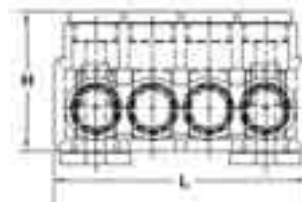
TYPE PBTM

Features

- Mountable
- Broad wire range: 750kcmil-6
- UL Listed and CSA Certified for 600 volts, 90° C
- Dual rated
- Cold temperature rated to -45° C
- High dielectric strength plastisol
- Black cover
- Removable plugs
- Prefilled with De-ox®

Benefits

- Isolated mounting in trough, wire way or panels
- Flexibility in the field
- Ensures reliability
- For copper or aluminum conductor
- Application variability
- Chemical resistant
- UV Rated
- Entry port closure
- Prevents oxides from forming



Catalog Number	No. Of Ports	Wire Range	Dimensions			Hex Size	Mounting Holes
			L	W	H		
PBTD-2-3/0-M	2	3/0-6	3.42	1.68	1.86	3/16	1/4
PBTD-3-3/0-M	3	3/0-6	4.18	1.68	1.86	3/16	1/4
PBTD-4-3/0-M	4	3/0-6	4.95	1.68	1.86	3/16	1/4
PBTD-5-3/0-M	5	3/0-6	5.71	1.68	1.86	3/16	1/4
PBTD-6-3/0-M	6	3/0-6	6.48	1.68	1.86	3/16	1/4
PBTD-7-3/0-M	7	3/0-6	7.24	1.68	1.86	3/16	1/4
PBTD-8-3/0-M	8	3/0-6	8.01	1.68	1.86	3/16	1/4
PBTD-9-3/0-M	9	3/0-6	8.77	1.68	1.86	3/16	1/4
PBTD-10-3/0-M	10	3/0-6	9.54	1.68	1.86	3/16	1/4
PBTD-11-3/0-M	11	3/0-6	10.30	1.68	1.86	3/16	1/4
PBTD-12-3/0-M	12	3/0-6	11.07	1.68	1.86	3/16	1/4
PBTD-2-250-M	2	250kcmil-6	3.96	2.13	2.17	5/16	1/4
PBTD-3-250-M	3	250kcmil-6	4.85	2.13	2.17	5/16	1/4
PBTD-4-250-M	4	250kcmil-6	5.75	2.13	2.17	5/16	1/4
PBTD-5-250-M	5	250kcmil-6	6.64	2.13	2.17	5/16	1/4
PBTD-6-250-M	6	250kcmil-6	7.53	2.13	2.17	5/16	1/4
PBTD-7-250-M	7	250kcmil-6	8.42	2.13	2.17	5/16	1/4
PBTD-8-250-M	8	250kcmil-6	9.32	2.13	2.17	5/16	1/4
PBTD-9-250-M	9	250kcmil-6	10.21	2.13	2.17	5/16	1/4
PBTD-10-250-M	10	250kcmil-6	11.10	2.13	2.17	5/16	1/4
PBTD-11-250-M	11	250kcmil-6	12.00	2.13	2.17	5/16	1/4
PBTD-12-250-M	12	250kcmil-6	12.89	2.13	2.17	5/16	1/4
PBTD-2-350-M	2	350kcmil-6	4.61	2.25	2.62	5/16	5/16
PBTD-3-350-M	3	350kcmil-6	5.67	2.25	2.62	5/16	5/16
PBTD-4-350-M	4	350kcmil-6	6.71	2.25	2.62	5/16	5/16
PBTD-5-350-M	5	350kcmil-6	7.76	2.25	2.62	5/16	5/16
PBTD-6-350-M	6	350kcmil-6	8.81	2.25	2.62	5/16	5/16
PBTD-7-350-M	7	350kcmil-6	9.86	2.25	2.62	5/16	5/16
PBTD-8-350-M	8	350kcmil-6	10.91	2.25	2.62	5/16	5/16
PBTD-9-350-M	9	350kcmil-6	11.96	2.25	2.62	5/16	5/16
PBTD-10-350-M	10	350kcmil-6	13.01	2.25	2.62	5/16	5/16
PBTD-11-350-M	11	350kcmil-6	14.06	2.25	2.62	5/16	5/16
PBTD-12-350-M	12	350kcmil-6	15.11	2.25	2.62	5/16	5/16

Per NEC Article 310-316, allowable ampacities are as follows: #4-95 Amps, 1/0-170 Amps, 3/0-225 Amps, 250-290 Amps, 350-350 Amps, 500-430 Amps, 750-535 Amps
 Replacement caps & plugs available. Consult Factory. Tested to UL 486A-486B, UL File E6207

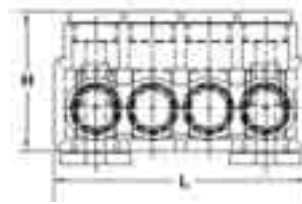
TYPE PBTM

Features

- Mountable
- Broad wire range: 750kcmil-6
- UL Listed and CSA Certified for 600 volts, 90° C
- Dual rated
- Cold temperature rated to -45° C
- High dielectric strength plastisol
- Black cover
- Removable plugs
- Prefilled with De-ox®

Benefits

- Isolated mounting in trough, wire way or panels
- Flexibility in the field
- Ensures reliability
- For copper or aluminum conductor
- Application variability
- Chemical resistant
- UV Rated
- Entry port closure
- Prevents oxides from forming



Catalog Number	No. Of Ports	Wire Range	Dimensions			Hex Size	Mounting Holes
			L	W	H		
PBTD-2-500-M	2	500kcmil-4	5.28	2.63	3.04	3/8	5/16
PBTD-3-500-M	3	500kcmil-4	6.44	2.63	3.04	3/8	5/16
PBTD-4-500-M	4	500kcmil-4	7.59	2.63	3.04	3/8	5/16
PBTD-5-500-M	5	500kcmil-4	8.75	2.63	3.04	3/8	5/16
PBTD-6-500-M	6	500kcmil-4	9.90	2.63	3.04	3/8	5/16
PBTD-7-500-M	7	500kcmil-4	11.06	2.63	3.04	3/8	5/16
PBTD-8-500-M	8	500kcmil-4	12.22	2.63	3.04	3/8	5/16
PBTD-9-500-M	9	500kcmil-4	13.37	2.63	3.04	3/8	5/16
PBTD-10-500-M	10	500kcmil-4	14.53	2.63	3.04	3/8	5/16
PBTD-11-500-M	11	500kcmil-4	15.68	2.63	3.04	3/8	5/16
PBTD-12-500-M	12	500kcmil-4	16.84	2.63	3.04	3/8	5/16
PBTD-2-750-M*	2	750kcmil-250kcmil	6.32	3.25	3.31	1/2	3/8
PBTD-3-750-M*	3	750kcmil-250kcmil	7.74	3.25	3.31	1/2	3/8
PBTD-4-750-M*	4	750kcmil-250kcmil	9.16	3.25	3.31	1/2	3/8
PBTD-5-750-M*	5	750kcmil-250kcmil	10.58	3.25	3.31	1/2	3/8
PBTD-6-750-M*	6	750kcmil-250kcmil	12.00	3.25	3.31	1/2	3/8
PBTD-7-750-M*	7	750kcmil-250kcmil	13.43	3.25	3.31	1/2	3/8
PBTD-8-750-M*	8	750kcmil-250kcmil	14.85	3.25	3.31	1/2	3/8
PBTD-9-750-M*	9	750kcmil-250kcmil	16.27	3.25	3.31	1/2	3/8
PBTD-10-750-M*	10	750kcmil-250kcmil	17.69	3.25	3.31	1/2	3/8
PBTD-11-750-M*	11	750kcmil-250kcmil	19.11	3.25	3.31	1/2	3/8
PBTD-12-750-M*	12	750kcmil-250kcmil	20.54	3.25	3.31	1/2	3/8

Per NEC Article 310-316, allowable ampacities are as follows: #4-95 Amps, 1/0-170 Amps, 3/0-225 Amps, 250-290 Amps, 350-350 Amps, 500-430 Amps, 750-535 Amps
Replacement caps & plugs available. Consult Factory.

* Not UL Listed

Tested to UL 486A-486B, UL File E6207



TYPE PCT

Features

- Transparent flexible insulating cover
- Captive pressure screws
- Self-closing openings
- Access from both sides of connector
- Broad wire range: 800kcmil-14
- UL Listed for 600 volts, 90° C
- Dual Rated

Benefits

- No taping and allows visual inspection of connection
- No wasted time finding screws
- No lost or loose caps and plugs
- Provides greater versatility
- Reduces inventory
- Ensures reliability
- For copper or aluminum conductor

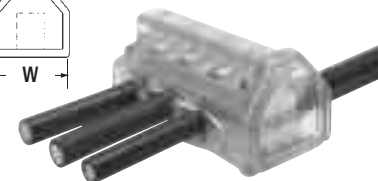
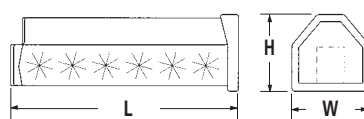
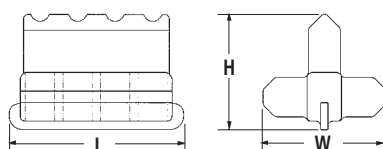


Fig. 1 (Patented)

Fig. 2

Catalog Number	Connector Shape	Figure No.	No. Of Ports	Wire Range	Ampere Rating	Dimensions			Hex Size
						L	W	H	
PCT-2-4		1	2	4-14	95	1.46	1.57	1.43	slot
PCT-4-4		1	4	4-14	95	2.46	1.57	1.43	slot
PCT-6-4		1	6	4-14	95	3.46	1.57	1.43	slot
PCT-8-4		1	8	4-14	95	4.46	1.57	1.43	slot
PCT-2-2/0		2	2	2/0-14	195	2.61	2.30	1.97	3/16
PCT-4-2/0		2	4	2/0-14	195	4.30	2.30	1.97	3/16
PCT-6-2/0		2	6	2/0-14	195	5.98	2.30	1.97	3/16
PCT-8-2/0		2	8	2/0-14	195	7.67	2.30	1.97	3/16
PCT-2-4/0		2	2	4/0-6	260	2.33	2.49	2.25	5/16
PCT-4-4/0		2	4	4/0-6	260	4.19	2.49	2.25	5/16
PCT-6-4/0		2	6	4/0-6	260	6.05	2.49	2.25	5/16
PCT-8-4/0		2	8	4/0-6	260	7.91	2.49	2.25	5/16
PCT-2-350		2	2	350 kcmil-6	350	2.75	2.69	2.65	5/16
PCT-4-350		2	4	350 kcmil-6	350	5.06	2.69	2.65	5/16
PCT-6-350		2	6	350 kcmil-6	350	7.37	2.69	2.65	5/16
PCT-8-350		2	8	350 kcmil-6	350	9.68	2.69	2.65	5/16
PCT-2-600		2	2	600 kcmil-4	475	3.17	3.20	3.27	3/8
PCT-4-600		2	4	600 kcmil-4	475	5.73	3.20	3.27	3/8
PCT-6-600		2	6	600 kcmil-4	475	8.29	3.20	3.27	3/8
PCT-8-600		2	8	600 kcmil-4	475	10.86	3.20	3.27	3/8
PCT-2-800		2	2	800kcmil-250kcmil	555	3.91	3.34	3.30	1/2
PCT-4-800		2	4	800kcmil-250kcmil	555	7.03	3.34	3.30	1/2
PCT-6-800		2	6	800kcmil-250kcmil	555	10.15	3.34	3.30	1/2

Not suitable for direct burial.

Tested to UL 486A-486B, UL File E6207

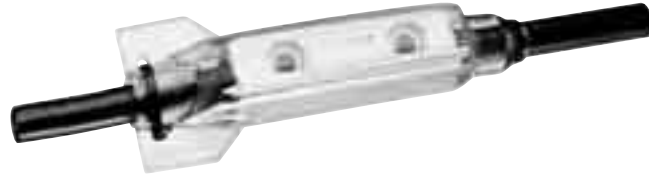
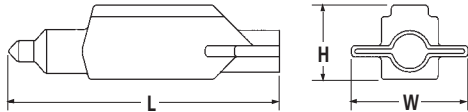
TYPE SPAR

Features

- Transparent flexible insulating cover
- Range adjustable trim-to-fit tip
- Unique shape and compact design
- Connector, cover and cable tie packaged together
- UL Listed and CSA Certified for 600 volts
- Dual Rated

Benefits

- No taping and allows visual inspection of splice
- Ensures proper fit of cover to cable
- Provides ease of installation, versatility and serviceability of connections made in tight spaces
- Provides ease of ordering
- Ensures reliability
- Use with copper or aluminum conductor



Catalog Number	Connector Shape	Wire Range	Dimensions			Screw Size & Shape
			L	W	H	
SPAR-4		4-14	3.30	1.55	.76	slotted
SPAR-2		2-14	3.83	1.75	.95	slotted
SPAR-1/0		1/0-14	4.80	1.94	1.14	3/16" socket head
SPAR-250		250kcmil-6	5.67	2.41	1.29	5/16" socket head
SPAR-350		350kcmil-6	6.17	3.29	1.79	5/16" socket head
SPAR-500		500kcmil-4	7.94	3.66	2.28	3/8" socket head

DE-OX Oxide Inhibitor is recommended for all aluminum terminations.

Tested to UL 486A-486B, UL File E6207



<p>HT</p>  <p>79</p>	<p>ULT</p>  <p>80</p>	<p>ELT</p>  <p>81</p>	<p>UCS</p>  <p>82</p>
<p>AS</p>  <p>83-85</p>	<p>IACL</p>  <p>86</p>	<p>ACL</p>  <p>87-90</p>	<p>2IACL</p>  <p>91</p>
<p>2ACL</p>  <p>92-93</p>	<p>ASL</p>  <p>94</p>	<p>ACM</p>  <p>95-97</p>	<p>ACO</p>  <p>98-99</p>
<p>CPM</p>  <p>100-102</p>	<p>CT</p>  <p>103</p>	<p>CTL</p>  <p>104</p>	<p>PICS</p>  <p>105</p>
<p>P840</p>  <p>106</p>	<p>CSWS</p>  <p>107-109</p>	<p>CSWD</p>  <p>110-115</p>	<p>CLWS</p>  <p>116-118</p>
	<p>CLNS</p>  <p>119-121</p>	<p>CLWD</p>  <p>122-127</p>	<p>CLND</p>  <p>128-133</p>

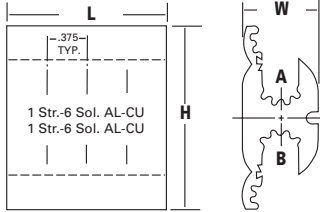
TYPE HT

Features

- Serrated interior
- Prefilled with oxide inhibitor
- Installed with industry standard "O" and "D" dies
- Rated for 600 Volts, CSA Certified
- Manufactured from high strength aluminum alloy

Benefits

- Assures positive mating with cable strands when compressed
- Provides corrosion resistance
- Provides convenient die selection
- Can be used on any secondary splice or tap application
- Provides maximum conductivity and excellent crimping characteristics



Catalog Number	Wire Range										Connector Die	No. of Crimps		Dimensions		
	Standard Wire					Compact Wire						Mech. Tool	Hyd. Tool	L	W	H
	A Groove ACSR	str	sol	B Groove ACSR	str	sol	A Groove ACSR	str	B Groove ACSR	str						
HT-6	2, 3, 4, 6, -	1, 2, 3, 4, 6, -	1, 2, 3, 4, 6, -	2, 3, 4, 6, -	1, 2, 3, 4, 6, -	1, 2, 3, 4, 6, -	1, 2, 3, 4, 6, -	1, 2, 3, 4, 6, -	1, 2, 3, 4, 6, -	1, 2, 3, 4, 6, -	0 0 0 0 0 0	4 4 4 4 4 4	2 2 2 2 2 2	1-1/2	23/32	1-23/32
HT-8	1/0, 1, 2, 3, -	2/0, 1/0, 1, 2, -	3/0, 2/0, 1/0, 1, -	2, 3, 4, 6, -	1, 2, 3, 4, 6, -	1/0, 1, 2, 3, 4, 6, -	2/0, 1/0, 1, 1, 2, -	2/0, 1/0, 1, 1, 2, -	1, 2, 3, 4, 6, -	1, 2, 3, 4, 6, -	0 0 0 0 0 0	5 5 5 5 5 5	2 2 2 2 2 2	1-1/2	45/64	1-25/32
HT-2	2/0, 1/0, -	3/0, 2/0, -	-	2, 3, 4, 6, -	1, 2, 3, 4, 6, -	1/0, 1, 2, 3, 4, 6, -	3/0, 2/0, -	3/0, -	1, 2, 4, 6, -	1, 2, 4, 6, -	D3 D3 D3 D3 D3	5 5 5 5 5	2 2 2 2 2	1-7/8	13/16	2-3/16
HT-4	2/0, 1/0, 1	3/0, 2/0, 1/0	-	2/0, 1/0, 1	3/0, 2/0, 1/0	-	3/0, 2/0, 1/0	3/0, 2/0, 1/0	3/0, 2/0, 1/0	3/0, 2/0, 1/0	D3 D3 D3	6 6 6	2 2 2	1-7/8	57/64	2-17/64
HT-3	4/0, 3/0, -	4/0, -	-	2, 3, 4, 6, -	1, 2, 3, 4, 6, -	1/0, 1, 2, 3, 4, 6, -	266, 4/0, -	266, 250, 4/0, -	1, 2, 4, 6, -	1, 2, 4, 6, -	D3 D3 D3 D3 D3	5 5 5 5 5	2 2 2 2 2	1-7/8	53/64	2-1/4
HT-5	4/0, 3/0, -	4/0, 3/0, -	-	2/0, 1/0, -	2/0, 1/0, -	-	266, 4/0, 3/0	266, 250, 4/0	2/0, 1/0, -	3/0, 2/0, 1/0	D3 D3 D3	7 7 7	3 3 3	2-1/4	53/64	2-3/8
HT-7	4/0, 3/0, -	4/0, 3/0, -	-	4/0, 3/0, -	4/0, 3/0, -	-	266, 4/0, 3/0	266, 250, 4/0	266, 4/0, 3/0	266, 250, 4/0	D3 D3 D3	7 7 7	3 3 3	2-1/2	7/8	2-1/2

Consult factory for tool and die information.



UTILCO Copper Compression C-Tap Connectors



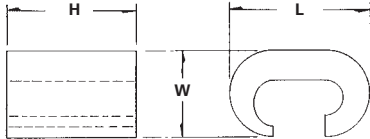
TYPE ULT

Features

- Manufactured from high strength copper alloy
- Clearly marked with wire size and die index
- Range taking
- UL Listed for 600 volts, 90° C

Benefits

- Provides maximum conductivity and eliminates the possibility of corrosion
- Provides easy identification and tooling recommendation
- Reduces inventory
- Ensures reliability



Catalog Number	Copper Wire Range		Die Index	Dimensions		
	Main	Tap		L	W	H
ULT-4-Z	4str-6sol	6str-6sol	BG or 5/8	3/4	15/32	49/64
ULT-5-Z	4str-6sol	4str-4sol	BG or 5/8	3/4	15/32	27/32
ULT-6-Z	2str-2sol	6str-8sol	C	7/8	5/8	1
ULT-7-Z	2str-2sol	2str-2sol	C	7/8	39/64	1-1/16
ULT-12-Z	4/0str-3/0str	4/0str-3/0str	F or D3	1-1/8	1	1-5/8

Tested to UL 486A-486B, UL File E6207

H

TYPE ELT

Features

- Manufactured from copper alloy
- Clearly marked with wire size and die index
- Range taking
- UL Listed and CSA Certified for grounding and bonding, rated for 600 volts
- May be used in ground grid applications

Benefits

- Provides maximum conductivity and eliminates the possibility of corrosion. Suitable for direct burial
- Provides easy identification and tooling recommendation
- Reduces inventory
- Ensures reliability
- Flexibility in application



Catalog Number	Copper Wire Range		W	Die Index
	Main	Tap		
ELT-1	2str-6sol	2str-6sol	.75	C (U Type)
ELT-4	2/0str-1str	2str-6str	.75	0 (U Type)
ELT-2	2/0str-1str	2/0str-1str	.75	0 (U Type)
ELT-5	250kcmil-3/0str	2/0str-6sol	.75	997 (U Type)
ELT-3	250kcmil-3/0str	250kcmil-3/0str	.900	997 (U Type)
ELT-6	500kcmil-300kcmil	250kcmil-3/0str	.875	1011 (U Type)

Tooling Information

Catalog Number	ILSCO		Burndy		
	ILC-12H-N, ILCB-12-N ILC-12-N Die No. No. of Crimps	ILC-15H Die No. No. of Crimps	Y-35 Die Index No. of Crimps	Y-45 Die Index No. of Crimps	Y-46 Die Index No. of Crimps
ELT-1	ILD-C (1)	- -	C (U Type) (1)	C (U Type) (1)	C (U Type) (1)
ELT-4	ILD-O (1)	- -	O (U Type) (1)	O (U Type) (1)	O (U Type) (1)
ELT-2	ILD-O (1)	- -	O (U Type) (1)	O (U Type) (1)	O (U Type) (1)
ELT-5	ILD-U997 (1)	- -	997 (U Type) (1)	997 (U Type) (1)	997 (U Type) (1)
ELT-3	ILD-U997 (1)	- -	997 (U Type) (1)	997 (U Type) (1)	997 (U Type) (1)
ELT-6	ILD-U1011 (1)	ILD-P1011 (2)	- -	1011 (U Type) (2)	1011 (U Type) (1)

See stuffer sheet for complete information on tooling.

Tested to UL 467, UL File E34440

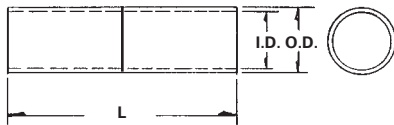
TYPE UCS

Features

- Manufactured from high strength aluminum alloy, rated for 600 volts, 90 °C
- Four OD sizes accommodate a wire range from 1000kcmil to #4
- Chamfered barrel
- Prefilled with DE-OX
- Solid barrier in center
- Color coded end caps inserted in barrel

Benefits

- Provides maximum conductivity and excellent crimping characteristics
- Requires only four installation dies to crimp fourteen conductor sizes.
- Provides easy conductor insertion
- Prevents oxides from forming
- Prevents dissimilar metals from coming into contact
- Prevents foreign materials from entering the connector prior to usage and color code identifies the proper compression die



Catalog Number	Wire Range	Dimensions			Installing Dies	Die Index
		L	O.D.	I.D.		
UCS-4-Z	4	3"	41/64	9/32	BG, 5/8, 8A	9
UCS-2-Z	2	3"	41/64	11/32	BG, 5/8, 8A	9
UCS-1/0-Z	1/0	3"	41/64	27/64	BG, 5/8, 8A	9
UCS-2/0-Z	2/0	4"	29/32	7/16	249, 840, TX, 76, 11A	13
UCS-3/0-Z	3/0	4"	29/32	1/2	249, 840, TX, 76, 11A	13
UCS-4/0-Z	4/0	4"	29/32	9/16	249, 840, TX, 76, 11A	13
UCS-250-Z	250kcmil	4"	29/32	19/32	249, 840, TX, 76, 11A	13
UCS-300-Z	300kcmil	5"	1-5/32	21/32	299, 655, 705, 1-1/8, 13A	14
UCS-350-Z	350kcmil	5"	1-5/32	45/64	299, 655, 705, 96, 1-1/8, 13A	14
UCS-500-Z	500kcmil	5"	1-5/32	27/32	299, 655, 705, 96, 1-1/8, 13A	14
UCS-600-Z	600kcmil	6"	1-39/64	59/64	301, 1-1/2, 140	18
UCS-700/750-Z	750kcmil - 700kcmil	6"	1-39/64	1-1/32	301, 1-1/2, 140, 72H	18
UCS-1000-Z	1000kcmil	7"	1-39/64	1-3/16	301, 1-1/2, 140, 72H	18

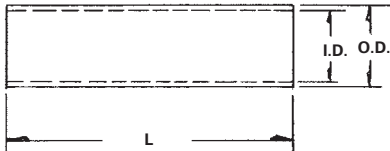
TYPE AS

Features

- Electro-tin plated
- Manufactured from high strength aluminum alloy
- Chamfered barrel
- UL Listed and CSA Certified for 600 volts, 90° C
- Color coded
- Center wire stop
- Clearly marked with wire size and die index for IlSCO tools, proper number and location of crimps
- Prefilled with DE-OX
- Color coded end caps inserted in each end

Benefits

- Provides low contact resistance
- Provides maximum conductivity and excellent crimping characteristics
- Provides easy conductor insertion
- Ensures reliability for copper or aluminum conductors
- Provides visual tooling recommendation for IlSCO or standard industry tools
- Prevents dissimilar metals from coming into contact and insures that conductors are fully inserted
- Provides easy identification and tooling recommendation
- Prevents oxides from forming
- Prevents foreign materials from entering the connector prior to usage and color code identifies the proper compression die



Catalog Number	Wire Size	Wire Range When Installed With IDT-12-N Tool	Die Color Code	L	Die Index	O.D.	I.D.
AS-8	8	8	Blue	1-3/16	2	5/16	5/32
AS-6	6	6	Gray	1-5/8	3	11/32	3/16
AS-4	4	4-6	Green	1-7/8	4	7/16	1/4
AS-2	2	2-6	Pink	2-3/8	7	17/32	5/16
AS-1	1	1-2	Gold	2-3/8	7	35/64	23/64
AS-1/0	1/0	1/0 - 1	Tan	2-3/8	8	39/64	25/64
AS-2/0	2/0	2/0 - 1	Olive	2-1/2	10	43/64	7/16

CONTINUED ON NEXT PAGE.

Tooling Information

Catalog Number	ILSCOUTILCO								Burdny						Thomas & Betts				Anderson	Color Code
	ILC-12-N ILC-12H-N Die No. No. of Crimps	ILCB-12-N Die No. No. of Crimps	IDTB-6 Dieless No. of Crimps	IDT-6, IDT-6H 6.2 Ton Dieless No. of Crimps	ILC-15H Die No. No. of Crimps	MT-25 Hand Dieless No. of Crimps	94285 Left/ Rt. Die/ Die No. of Crimps	IDT-12-N Dieless No. of Crimps	Y-35 Die Index No. of Crimps	Y-39 Die Index No. of Crimps	Y-45 Die Index No. of Crimps	Y-46 Die Index No. of Crimps	MY29-3 Hand Dieless No. of Crimps	Y644M Dieless No. of Crimps	13642 12 Ton Die Index No. of Crimps	TBM 15 15 Ton Die Index No. of Crimps	21940 40 Ton Die Index No. of Crimps	TBM-8 Hand Tool No. of Crimps	Versa Crimp Dieless No. of Crimps	
AS-8	ILD-2 (1)	ILD-2 (1)	-	-	ILD-2 (1)	- (1)	M/K (2)	-	-	-	-	-	-	24	24 (1)	24 (2)	-	-	Blue	
AS-6	ILD-3 (1)	ILD-3 (1)	(1)	(1)	ILD-3 (1)	(1)	K/K (2)	(1)	346 (1)	346 (1)	346 (1)	346 (1)	-	29 (2)	29 (2)	29 (2)	-	-	Gray	
AS-4	ILD-4 (2)	ILD-4 (2)	(1)	(1)	ILD-4 (2)	(1)	H/H (3)	(1)	375 (1)	375 (1)	375 (1)	375 (1)	-	37 (2)	37 (2)	37 (2)	(2)	(1)	Green	
AS-2	ILD-7 (1) ILD-6 (3)	ILD-7 (1) ILD-6 (3)	- (2)	- (2)	ILD-7 (1) ILD-6 (3)	- (2)	E/A (3)	(1)	348 (1)	348 (1)	348 (1)	348 (1)	- (2)	- (1)	42 (2)	42H (4)	42 (2)	- (2)	- (1)	Pink
AS-1	ILD-7 (1) ILD-6 (4)	ILD-7 (1) ILD-6 (4)	- (2)	- (2)	ILD-7 (1) ILD-6 (4)	- (2)	E/A (4)	(1)	471 (1)	471 (1)	471 (1)	471 (1)	- (2)	- (1)	45 (3)	45 (3)	45 (3)	- (3)	- (2)	Gold
AS-1/0	ILD-8 (1)	ILD-8 (1)	- (2)	- (2)	ILD-8 (1)	- (2)	A/C (5)	(1)	296 (1)	296 (1)	296 (1)	296 (1)	- (2)	- (1)	50 (3)	50 (3)	50 (3)	- (3)	- (2)	Tan
AS-2/0	ILD-10 (1)	ILD-10 (1)	- (2)	- (2)	ILD-10 (1)	- (2)	A/B (4)	(1)	297 (2)	297 (2)	297 (2)	297 (2)	- (2)	- (1)	54 (3)	54H (6)	54 (3)	- (3)	- (2)	Olive

UL Listed and CSA Certified 600 volts maximum when installed with tools and dies shown above. If proper high voltage spacings and insulation techniques are used, the aluminum compression connectors can be used for high voltage applications up to 35KV.

See stuffer sheet for complete information on tooling. Tested to UL 486A-486B, UL File E6207

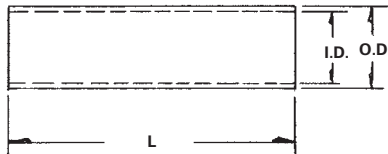
TYPE AS

Features

- Electro-tin plated
- Manufactured from high strength aluminum alloy
- Chamfered barrel
- UL Listed and CSA Certified for 600 volts, 90° C
- Color coded
- Center wire stop
- Clearly marked with wire size and die index for IlSCO tools, proper number and location of crimps
- Prefilled with DE-OX
- Color coded end caps inserted in each end

Benefits

- Provides low contact resistance
- Provides maximum conductivity and excellent crimping characteristics
- Provides easy conductor insertion
- Ensures reliability for copper or aluminum conductors
- Provides visual tooling recommendation for IlSCO or standard industry tools
- Prevents dissimilar metals from coming into contact and insures that conductors are fully inserted
- Provides easy identification and tooling recommendation
- Prevents oxides from forming
- Prevents foreign materials from entering the connector prior to usage and color code identifies the proper compression die



Catalog Number	Wire Size	Wire Range When Installed With IDT-12-N Tool	Die Color Code	L	Die Index	O.D.	I.D.
AS-3/0	3/0	3/0-1	Ruby	2-5/8	10	49/64	1/2
AS-4/0	4/0	4/0-1	White	3-11/16	12	55/64	9/16
AS-250	250kcmil	250kcmil-1/0	Red	3-15/16	13	59/64	39/64
AS-300	300kcmil	300kcmil-2/0	Blue	4-1/16	14	1-1/64	21/32
AS-350	350kcmil	350kcmil-3/0	Brown	5-1/16	14	1-7/64	23/32
AS-400	400kcmil	400kcmil-4/0	Green	5-1/16	16	1-3/16	49/64
AS-500	500kcmil	500kcmil-4/0	Pink	5-1/16	16A	1-5/16	55/64

CONTINUED ON NEXT PAGE.

Tooling Information

Catalog Number	ILSCOUTILCO								Burdry						Thomas & Betts				Anderson	Color Code
	ILC-12-N Die No. No. of Crimps	ILCB-12-N Die No. No. of Crimps	IDTB-6 Dieless No. of Crimps	IDT-6, IDT-6H 6.2 Ton Dieless No. of Crimps	ILC-15H Die No. No. of Crimps	MT-25 Hand Dieless No. of Crimps	94285 Left / Rt. Die / Die No. of Crimps	IDT-12-N Dieless No. of Crimps	Y-35 Die Index No. of Crimps	Y-39 Die Index No. of Crimps	Y-45 Die Index No. of Crimps	Y-46 Die Index No. of Crimps	MY29-3 Hand Dieless No. of Crimps	Y644M Dieless No. of Crimps	13642 12 Ton Die Index No. of Crimps	TBM 15 15 Ton Die Index No. of Crimps	21940 40 Ton Die Index No. of Crimps	TBM-8 Hand Tool No. of Crimps	Versa Crimp Dieless No. of Crimps	
AS-3/0	ILD-10 (2)	ILD-10 (2)	(3)	(3)	ILD-10 (2)	(2)	A/A (4)	(1)	467 (2)	467 (2)	467 (2)	467 (2)	(2)	(1)	60 (3)	60 (3)	60 (3)	(3)	(2)	Ruby
AS-4/0	ILD-12 (1)	ILD-12 (1)	(3)	(3)	ILD-12 (1)	(2)	-	(2)	298 (2)	298 (2)	298 (2)	298 (2)	(2)	(1)	66H (4)	66 (2)	66 (2)	(5)	(3)	White
AS-250	ILD-13 (2)	ILD-13 (2)	(3)	(3)	ILD-13 (2)	-	-	(2)	324 (2)	324 (2)	324 (2)	324 (2)	-	(1)	71H (4)	71H (4)	71 (2)	(5)	(3)	Red
AS-300	ILD-14 (2)	ILD-14 (2)	(4)	(4)	ILD-14 (2)	-	-	(2)	470 (2)	470 (2)	470 (2)	470 (2)	-	(1)	76H (4)	76 (2)	76 (2)	(5)	(3)	Blue
AS-350	ILD-14 (2)	ILD-14 (2)	(4)	(4)	ILD-14 (2)	-	-	(2)	299 (2)	299 (2)	299 (2)	299 (2)	-	(1)	87H (4)	87H (4)	87 (2)	(6)	(3)	Brown
AS-400	ILD-16 (3)	ILD-16 (3)	(4)	(4)	ILD-16 (3)	-	-	(2)	472 (4)	472 (4)	472 (4)	472 (4)	-	(1)	94H (4)	94H (4)	94 (2)	-	(4)	Green
AS-500	ILD-16A (3)	ILD-16A (3)	(4)	(4)	ILD-16A (3)	-	-	(2)	300 (4)	300 (4)	300 (4)	300 (4)	-	(1)	99H (4)	99H (4)	99 (2)	-	(4)	Pink

UL Listed and CSA Certified 600 volts maximum when installed with tools and dies shown above. If proper high voltage spacings and insulation techniques are used, the aluminum compression connectors can be used for high voltage applications up to 35KV.

See stuffer sheet for complete information on tooling. Tested to UL 486A-486B, UL File E6207

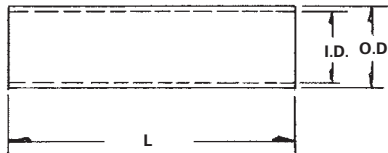
TYPE AS

Features

- Electro-tin plated
- Manufactured from high strength aluminum alloy
- Chamfered barrel
- UL Listed and CSA Certified for 600 volts, 90° C
- Color coded
- Center wire stop
- Clearly marked with wire size and die index for IlSCO tools, proper number and location of crimps
- Prefilled with DE-OX
- Color coded end caps inserted in each end

Benefits

- Provides low contact resistance
- Provides maximum conductivity and excellent crimping characteristics
- Provides easy conductor insertion
- Ensures reliability for copper or aluminum conductors
- Provides visual tooling recommendation for IlSCO or standard industry tools
- Prevents dissimilar metals from coming into contact and insures that conductors are fully inserted
- Provides easy identification and tooling recommendation
- Prevents oxides from forming
- Prevents foreign materials from entering the connector prior to usage and color code identifies the proper compression die



Catalog Number	Wire Size	Wire Range When Installed With IDT-12-N Tool	Die Color Code	L	Die Index	O.D.	I.D.
AS-600	600kcmil	600kcmil-250kcmil	Black	5-5/16	17	1-5/16	59/64
AS-700	700kcmil	700kcmil-350kcmil	Purple	5-13/16	17	1-13/32	1
AS-750	750kcmil	750kcmil-500kcmil	Yellow	5-13/16	18	1-29/64	1-1/32
AS-1000	1000kcmil	1000kcmil-750kcmil	Brown	7-1/8	20	1-53/64	1-3/16

Tooling Information

Catalog Number	ILSCO						Burdny					Thomas & Betts				Anderson	Color Code
	ILC-12-N ILC-12H-N Die No. No. of Crimps	ILCB-12-N Die No. No. of Crimps	IDTB-6 Dieless No. of Crimps	IDT-6, IDT-6H 6.2 Ton Dieless No. of Crimps	ILC-15H Die No. No. of Crimps	IDT-12-N Dieless No. of Crimps	Y-35 Die Index No. of Crimps	Y-39 Die Index No. of Crimps	Y-45 Die Index No. of Crimps	Y-46 Die Index No. of Crimps	Y644M Dieless No. of Crimps	13642 12 Ton Die Index No. of Crimps	TBM 15 15 Ton Die Index No. of Crimps	21940 40 Ton Die Index No. of Crimps	TBM Hand Tool No. of Crimps	Versa Crimp Dieless No. of Crimps	
AS-600	ILD-17 (4)	ILD-17 (4)	- (4)	- (4)	ILD-17 (4)	- (2)	473 (4)	473 (4)	473 (4)	473 (4)	- (1)	106H (4)	106 (2)	106 (2)	-	- (4)	Black
AS-700	ILD-17 (4)	ILD-17 (4)	- (4)	- (4)	ILD-17 (4)	- (2)	-	936 (4)	936 (4)	936 (4)	- (1)	112H (4)	112H (4)	112 (2)	-	-	Purple
AS-750	ILD-18 (5)	ILD-18 (5)	- (4)	- (4)	ILD-18 (5)	- (2)	-	936 (4)	936 (4)	936 (4)	- (1)	115H (4)	115H (4)	115 (2)	-	-	Yellow
AS-1000	-	-	-	-	- (3)	- (2)	-	-	-	-	- (1)	-	140H (4)	140 (2)	-	-	Brown

UL Listed and CSA Certified 600 volts maximum when installed with tools and dies shown above. If proper high voltage spacings and insulation techniques are used, the aluminum compression connectors can be used for high voltage applications up to 35KV.

See stuffer sheet for complete information on tooling.

Tested to UL 486A-486B, UL File E6207

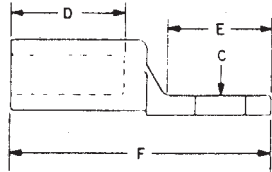
TYPE IACL

Features

- Manufactured from high strength aluminum alloy
- Four OD sizes accommodate a wire range from #4 to 600 kcmil
- Chamfered barrel
- Prefilled with DE-OX
- Color coded end caps inserted in barrel and ink marked with die number and number of crimps
- Electro tin plated
- UL Listed for 600 volts, 90° C
- Dual Rated

Benefits

- Provides maximum conductivity and excellent crimping characteristics
- Requires only four installation dies to crimp eleven conductor sizes. Tang width remains constant within an OD size and is designed to fit transformer pads.
- Provides easy conductor insertion
- Prevents oxides from forming
- Prevents foreign materials from entering the connector prior to usage and color code identifies the proper compression die
- Provides low contact resistance
- Ensures reliability



Catalog Number	Wire Size	Wire Range When Installed With IDT-12-N Tool	Tang Width	Bolt Size	Dimensions				IlSCO Die Index	Die Color Code
					D	E	F	C		
IACL-4	4	4-6	29/32	1/2	1-7/16	1-3/32	3	9/16	9	Orange
IACL-2	2	2-6	29/32	1/2	1-7/16	1-3/32	3	9/16	9	Orange
IACL-1/0	1/0	1/0-1	29/32	1/2	1-7/16	1-3/32	3	9/16	9	Orange
IACL-2/0	2/0	2/0-1	29/32	1/2	1-7/16	1-9/32	3-3/16	9/16	12	White
IACL-3/0	3/0	3/0-1	29/32	1/2	1-7/16	1-9/32	3-3/16	9/16	12	White
IACL-4/0	4/0	4/0-1	29/32	1/2	1-7/16	1-9/32	3-3/16	9/16	12	White
IACL-250	250kcmil	250kcmil-1/0	29/32	1/2	1-7/16	1-9/32	3-3/16	9/16	12	White
IACL-300	300kcmil	300kcmil-2/0	1-1/4	1/2	1-3/4	1-5/16	3-11/16	9/16	14	Blue
IACL-350	350kcmil	350kcmil-3/0	1-1/4	1/2	1-3/4	1-5/16	3-11/16	9/16	14	Blue
IACL-500	500kcmil	500kcmil-4/0	1-1/4	1/2	1-3/4	1-5/16	3-11/16	9/16	14	Blue
IACL-600	600kcmil	600kcmil-250kcmil	1-19/32	1/2	3-3/16	1-5/8	5-3/4	9/16	18	Yellow

Tooling Information

Catalog Number	Color	Die Index	ILSCO				Burdly								Thomas & Betts			Anderson	
			ILC-12-N ILC-12H-N 12 Ton	ILCB-12-N	ILC-15H	IDT-12-N Dieless	Die Index	Y34A	Y35	Y39	Y45	Y46	Y48B	Y644M Dieless	Die Index	13642 12 Ton	TBM 15 15 Ton	21940 40 Ton	VC-6 - Ft. Dieless No. of Crimps
IACL-4	Orange	9	(3)	(3)	(2)	(1)	297	(2)	(2)	(2)	(2)	(2)	(2)	(1)	50	(2)	(2)	(2)	(2)
IACL-2	Orange	9	(3)	(3)	(2)	(1)	297	(2)	(2)	(2)	(2)	(2)	(2)	(1)	50	(2)	(2)	(2)	(2)
IACL-1/0	Orange	9	(3)	(3)	(2)	(1)	297	(2)	(2)	(2)	(2)	(2)	(2)	(1)	50	(2)	(2)	(2)	(2)
IACL-2/0	White	12	(1)	(1)	(2)	(1)	324	(2)	(2)	(2)	(2)	(2)	(2)	(1)	71	(2)	(2)	(2)	(2)
IACL-2/0	White	12	(1)	(1)	(2)	(1)	324	(2)	(2)	(2)	(2)	(2)	(2)	(1)	71	(2)	(2)	(2)	(2)
IACL-2/0	White	12	(1)	(1)	(2)	(1)	324	(2)	(2)	(2)	(2)	(2)	(2)	(1)	71	(2)	(2)	(2)	(2)
IACL-250	White	12	(1)	(1)	(2)	(1)	324	(2)	(2)	(2)	(2)	(2)	(2)	(1)	71	(2)	(2)	(2)	(2)
IACL-300	Blue	14	(2)	(2)	(2)	(1)	299	-	(2)	(2)	(2)	(2)	(2)	(1)	87	(2)	(2)	(2)	(2)
IACL-350	Blue	14	(2)	(2)	(2)	(1)	299	-	(2)	(2)	(2)	(2)	(2)	(1)	87	(2)	(2)	(2)	(2)
IACL-500	Blue	14	(2)	(2)	(2)	(1)	299	-	(2)	(2)	(2)	(2)	(2)	(1)	87	(2)	(2)	(2)	(2)
IACL-600	Yellow	18	(3)	(3)	(3)	(1)	936	-	-	(3)	(3)	(3)	(3)	(1)	115	(3)	(3)	(3)	-

* UL Listed for 600 volts maximum when installed with tools and dies shown above. If proper high voltage spacings and insulation techniques are used, these compression connectors can be used for high voltage applications up to 35KV.

See stuffer sheet for complete information on tooling. Tested to UL 486A-486B, UL File E6207

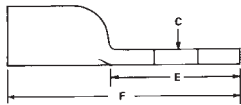
TYPE ACL

Features

- Electro-tin plated
- Manufactured from high strength aluminum alloy
- Chamfered barrel
- UL 486B 90° C Listed and CSA Certified for 600 volts
- Color coded
- Clearly marked with wire size and die index for IlSCO tools, proper number and location of crimps
- Prefilled with DE-OX
- Color coded end caps inserted in barrel

Benefits

- Provides low contact resistance
- Provides maximum conductivity and excellent crimping characteristics
- Provides easy conductor insertion
- Ensures reliability for copper or aluminum conductors
- Provides visual tooling recommendation for IlSCO or standard industry tools
- Provides easy identification and tooling recommendation
- Prevents oxides from forming
- Prevents foreign materials from entering the connector prior to usage and color code identifies the proper compression die



Catalog Number	Wire Size	Wire Range When Installed With IDT-12-N Tool	Die Color Code	Bolt Size	Tang Width	Dimensions			Die Index	O.D.	I.D.
						C	E	F			
ACL-8	8	8	Blue	1/4	1/2	9/32	11/16	1-7/16	2	5/16	11/64
ACN-8	8	8	Blue	#10	1/2	13/64	11/16	1-7/16	2	5/16	11/64
ACL-6	6	6	Gray	1/4	1/2	9/32	11/16	1-43/64	3	11/32	3/16
ACL-4	4	4-6	Green	1/4	9/16	9/32	23/32	1-13/16	4	7/16	1/4
ACN-4	4	4-6	Green	5/16	9/16	11/32	23/32	1-13/16	4	7/16	1/4
ACL-2	2	2-6	Pink	1/4	11/16	9/32	23/32	1-7/8	7	17/32	5/16
ACN-2	2	2-6	Pink	5/16	11/16	11/32	23/32	1-7/8	7	17/32	5/16

CONTINUED ON NEXT PAGE.

Tooling Information

Catalog Number	ILSCO/UTILCO								Burdyn						Thomas & Betts				Anderson	Color Code	
	ILC-12-N ILC-12H-N Die No. No. of Crimps	ILCB-12-N Die No. No. of Crimps	IDTB-6 Dieless No. of Crimps	IDT-6, IDT-6H 6.2 Ton Dieless No. of Crimps	ILC-15H Die No. No. of Crimps	MT-25 Hand Dieless No. of Crimps	94285 Left /Rt Die/Die No. of Crimps	IDT-12-N Dieless No. of Crimps	Y-48B Die Index No. of Crimps	Y-35 Die Index No. of Crimps	Y-39 Die Index No. of Crimps	Y-45 Die Index No. of Crimps	Y-46 Die Index No. of Crimps	MY29-3 Hand Dieless No. of Crimps	Y644M Dieless No. of Crimps	13642 12 Ton Die Index No. of Crimps	TBM 15 15 Ton Die Index No. of Crimps	21940 40 Ton Die Index No. of Crimps	TBM-8 Hand Tool No. of Crimps		Versa Crimp Dieless No. of Crimps
ACL-8/ ACN-8	ILD-2 (1)	ILD-2 (1)	-	-	ILD-2 (1)	- (1)	M/K (2)	-	-	-	-	-	-	-	24 (1)	24 (2)	-	-	(1)	-	Blue
ACL-6	ILD-3 (1)	ILD-3 (1)	(1)	(1)	ILD-3 (1)	(1)	K/K (2)	(1)	346 (1)	346 (1)	346 (1)	346 (1)	- (1)	- (1)	29 (2)	29 (2)	29 (2)	- (2)	- (1)	-	Gray
ACL-4/ ACN-4	ILD-4 (2)	ILD-4 (2)	(1)	(1)	ILD-4 (2)	(1)	H/H (3)	(1)	375 (1)	375 (1)	375 (1)	375 (1)	- (1)	- (1)	37 (2)	37 (2)	37 (2)	- (2)	- (1)	-	Green
ACL-2/ ACN-2	ILD-7 (1) or ILD-6 (3)	ILD-7 (1) or ILD-6 (3)	(2)	(2)	ILD-7 (1) or ILD-6 (3)	- (2)	E/A (3)	(1)	348 (1)	348 (1)	348 (1)	348 (1)	- (2)	- (1)	42 (2)	42H (4)	42 (2)	- (2)	- (1)	-	Pink

UL Listed and CSA Certified 600 volts maximum when installed with tools and dies shown above. If proper high voltage spacings and insulation techniques are used, the aluminum compression connectors can be used for high voltage applications up to 35KV.

See stuffer sheet for complete information on tooling.

Tested to UL 486A-486B, UL File E6207

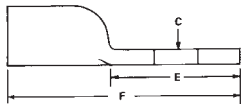
TYPE ACL

Features

- Electro-tin plated
- Manufactured from high strength aluminum alloy
- Chamfered barrel
- UL 486B 90° C Listed and CSA Certified for 600 volts
- Color coded
- Clearly marked with wire size and die index for IlSCO tools, proper number and location of crimps
- Prefilled with DE-OX
- Color coded end caps inserted in barrel

Benefits

- Provides low contact resistance
- Provides maximum conductivity and excellent crimping characteristics
- Provides easy conductor insertion
- Ensures reliability for copper or aluminum conductors
- Provides visual tooling recommendation for IlSCO or standard industry tools
- Provides easy identification and tooling recommendation
- Prevents oxides from forming
- Prevents foreign materials from entering the connector prior to usage and color code identifies the proper compression die



Catalog Number	Wire Size	Wire Range When Installed With IDT-12-N Tool	Die Color Code	Bolt Size	Tang Width	Dimensions			Die Index	O.D.	I.D.
						C	E	F			
ACL-1	1	1-2	Gold	1/4	3/4	9/32	29/32	2-25/64	7	35/64	23/64
ACN-1	1	1-2	Gold	5/16	3/4	11/32	29/32	2-25/64	7	35/64	23/64
ACL-1/0	1/0	1/0-1	Tan	3/8	7/8	13/32	15/16	2-9/16	8	39/64	25/64
ACN-1/0	1/0	1/0-1	Tan	5/16	7/8	11/32	15/16	2-9/16	8	39/64	25/64
ACL-2/0	2/0	2/0-1	Olive	3/8	31/32	13/32	1	2-5/8	10	43/64	7/16
ACN-2/0	2/0	2/0-1	Olive	1/2	31/32	9/16	1	2-5/8	10	43/64	7/16

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Tooling Information

Catalog Number	ILSCO/UTILCO								Burdny						Thomas & Betts				Anderson	Color Code
	ILC-12-N Die No. No. of Crimps	ILCB-12-N Die No. No. of Crimps	IDTB-6 Dieless No. of Crimps	IDT-6, IDT-6H 6.2 Ton Dieless No. of Crimps	ILC-15H Die No. No. of Crimps	MT-25 Hand Dieless No. of Crimps	94285 Left / Rt. Die / Die No. of Crimps	IDT-12-N Dieless No. of Crimps	Y-48B Die Index No. of Crimps	Y-35 Die Index No. of Crimps	Y-39 Die Index No. of Crimps	Y-45 Die Index No. of Crimps	Y-46 Die Index No. of Crimps	MY29-3 Hand Dieless No. of Crimps	Y644M Dieless No. of Crimps	13642 12 Ton Die Index No. of Crimps	TBM 15 15 Ton Die Index No. of Crimps	21940 40 Ton Die Index No. of Crimps	TBM-8 Hand Tool No. of Crimps	
ACL-1/ ACN-1	ILD-7 (1) or ILD-6 (4)	ILD-7 (1) or ILD-6 (4)	- (2)	- (2)	ILD-7 (1) or ILD-6 (4)	- (2)	E/A (4)	- (1)	- (1)	- (1)	- (1)	- (1)	- (2)	- (1)	- (3)	- (3)	- (3)	- (3)	- (2)	Gold
ACL-1/0/ ACN-1/0	ILD-8 (1)	ILD-8 (1)	- (2)	- (2)	ILD-8 (1)	- (2)	A/C (5)	- (1)	296 (1)	296 (1)	296 (1)	296 (1)	296 (2)	- (1)	50 (3)	50 (3)	50 (3)	50 (3)	50 (2)	Tan
ACL-2/0/ ACN-2/0	ILD-10 (1)	ILD-10 (1)	- (2)	- (2)	ILD-10 (1)	- (2)	A/B (4)	- (1)	297 (1)	297 (2)	297 (2)	297 (2)	297 (2)	- (2)	54 (3)	54H (6)	54 (3)	54 (3)	54 (2)	Olive

UL Listed and CSA Certified 600 volts maximum when installed with tools and dies shown above. If proper high voltage spacings and insulation techniques are used, the aluminum compression connectors can be used for high voltage applications up to 35KV.

See stuffer sheet for complete information on tooling.

Tested to UL 486A-486B, UL File E6207

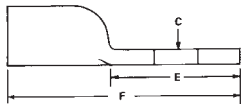
TYPE ACL

Features

- Electro-tin plated
- Manufactured from high strength aluminum alloy
- Chamfered barrel
- UL 486B 90° C Listed and CSA Certified for 600 volts
- Color coded
- Clearly marked with wire size and die index for IlSCO tools, proper number and location of crimps
- Prefilled with DE-OX
- Color coded end caps inserted in barrel

Benefits

- Provides low contact resistance
- Provides maximum conductivity and excellent crimping characteristics
- Provides easy conductor insertion
- Ensures reliability for copper or aluminum conductors
- Provides visual tooling recommendation for IlSCO or standard industry tools
- Provides easy identification and tooling recommendation
- Prevents oxides from forming
- Prevents foreign materials from entering the connector prior to usage and color code identifies the proper compression die



Catalog Number	Wire Size	Wire Range When Installed With IDT-12-N Tool	Die Color Code	Bolt Size	Tang Width	Dimensions			Die Index	O.D.	I.D.
						C	E	F			
ACL-3/0	3/0	3/0-1	Ruby	3/8	1-1/16	13/32	1-1/16	2-13/16	10	49/64	1/2
ACN-3/0	3/0	3/0-1	Ruby	1/2	1-1/16	9/16	1-1/16	2-13/16	10	49/64	1/2
ACL-4/0	4/0	4/0-1	White	3/8	1-1/8	13/32	1-1/16	3-3/8	12	55/64	9/16
ACN-4/0	4/0	4/0-1	White	1/2	1-1/8	9/16	1-1/16	3-3/8	12	55/64	9/16
ACL-250	250kcmil	250kcmil-1/0	Red	1/2	1-21/64	17/32	1-1/2	3-7/8	13	59/64	39/64
ACL-300	300kcmil	300kcmil-2/0	Blue	1/2	1-7/16	17/32	1-1/2	4-1/16	14	1-1/64	21/32
ACL-350	350kcmil	350kcmil-3/0	Brown	1/2	1-9/16	17/32	1-1/2	4-3/32	14	1-1/8	23/32

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Tooling Information

Catalog Number	ILSCO/UTILCO								Burdly						Thomas & Betts				Anderson	Color Code	
	ILC-12-N Die No. No. of Crimps	ILCB-12-N Die No. No. of Crimps	IDTB-6 Dieless No. of Crimps	IDT-6, IDT-6H 6.2 Ton Dieless No. of Crimps	ILC-15H Die No. No. of Crimps	MT-25 Hand Dieless No. of Crimps	94285 Left/Rt. Die/Die No. of Crimps	IDT-12-N Dieless No. of Crimps	Y-48B Die Index No. of Crimps	Y-35 Die Index No. of Crimps	Y-39 Die Index No. of Crimps	Y-45 Die Index No. of Crimps	Y-46 Die Index No. of Crimps	MY29-3 Hand Dieless No. of Crimps	Y644M Dieless No. of Crimps	13642 12 Ton Die Index No. of Crimps	TBM 15 15 Ton Die Index No. of Crimps	21940 40 Ton Die Index No. of Crimps	TBM-8 Hand Tool No. of Crimps		Versa Crimp Dieless No. of Crimps
ACL-3/0 ACN-3/0	ILD-10 (2)	ILD-10 (2)	- (3)	- (3)	ILD-10 (2)	- (2)	A/A (4)	- (1)	467 (1)	467 (2)	467 (2)	467 (2)	467 (2)	- (2)	- (1)	60 (3)	60 (3)	60 (3)	- (3)	- (2)	Ruby
ACL-4/0 ACN-4/0	ILD-12 (1)	ILD-12 (1)	- (3)	- (3)	ILD-12 (1)	- (2)	- (2)	- (2)	298 (1)	298 (2)	298 (2)	298 (2)	298 (2)	- (2)	- (1)	66H (4)	66 (2)	66 (2)	- (5)	- (3)	White
ACL-250	ILD-13 (2)	ILD-13 (2)	- (3)	- (3)	ILD-13 (2)	- (2)	- (2)	- (2)	324 (1)	324 (2)	324 (2)	324 (2)	324 (2)	- (1)	- (1)	71H (4)	71H (4)	71 (2)	- (5)	- (3)	Red
ACL-300	ILD-14 (2)	ILD-14 (2)	- (4)	- (4)	ILD-14 (2)	- (2)	- (2)	- (2)	470 (1)	470 (2)	470 (2)	470 (2)	470 (2)	- (1)	- (1)	76H (4)	76 (2)	76 (2)	- (5)	- (3)	Blue
ACL-350	ILD-14 (2)	ILD-14 (2)	- (4)	- (4)	ILD-14 (2)	- (2)	- (2)	- (2)	299 (1)	299 (2)	299 (2)	299 (2)	299 (2)	- (1)	- (1)	87H (4)	87H (4)	87 (2)	- (6)	- (3)	Brown

UL Listed and CSA Certified 600 volts maximum when installed with tools and dies shown above. If proper high voltage spacings and insulation techniques are used, the aluminum compression connectors can be used for high voltage applications up to 35KV.

See stuffer sheet for complete information on tooling.

Tested to UL 486A-486B, UL File E6207

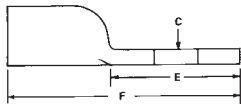
TYPE ACL

Features

- Electro-tin plated
- Manufactured from high strength aluminum alloy
- Chamfered barrel
- UL 486B 90° C Listed and CSA Certified for 600 volts
- Color coded
- Clearly marked with wire size and die index for IlSCO tools, proper number and location of crimps
- Prefilled with DE-OX
- Color coded end caps inserted in barrel

Benefits

- Provides low contact resistance
- Provides maximum conductivity and excellent crimping characteristics
- Provides easy conductor insertion
- Ensures reliability for copper or aluminum conductors
- Provides visual tooling recommendation for IlSCO or standard industry tools
- Provides easy identification and tooling recommendation
- Prevents oxides from forming
- Prevents foreign materials from entering the connector prior to usage and color code identifies the proper compression die



Catalog Number	Wire Size	Wire Range When Installed With IDT-12-N Tool	Die Color Code	Bolt Size	Tang Width	Dimensions			Die Index	O.D.	I.D.
						C	E	F			
ACL-400	400kcmil	400kcmil-4/0	Green	1/2	1-5/8	17/32	1-9/16	4-7/8	16	1-3/16	49/64
ACL-500	500kcmil	500kcmil-4/0	Pink	1/2	1-13/16	17/32	1-9/16	4-7/8	16A	1-21/64	55/64
ACL-600	600kcmil	600kcmil-250kcmil	Black	5/8	1-15/16	21/32	2	5-3/8	17	1-21/64	59/64
ACL-700	700kcmil	700kcmil-350kcmil	Purple	5/8	2-1/16	21/32	2-3/32	5-21/32	17	1-13/32	1
ACL-750	750kcmil	750kcmil-500kcmil	Yellow	5/8	2-3/16	21/32	2-3/32	5-21/32	18	1-29/64	1-1/32
ACL-1000	1000kcmil	1000kcmil-750kcmil	Brown	5/8	2-1/2	21/32	2-1/4	6-5/8	20	1-53/64	1-3/16

Tooling Information

Catalog Number	ILSCO/UTILCO						Burdny						Thomas & Betts				Anderson	Color Code
	ILC-12-N Die No. No. of Crimps	ILC-12H-N Die No. No. of Crimps	ILCB-12-N Die No. No. of Crimps	IDTB-6 Dieless No. of Crimps	IDT-6, IDT-6H 6.2 Ton Dieless No. of Crimps	ILC-15H Die No. No. of Crimps	IDT-12-N Dieless No. of Crimps	Y-48B Die Index No. of Crimps	Y-35 Die Index No. of Crimps	Y-39 Die Index No. of Crimps	Y-45 Die Index No. of Crimps	Y-46 Die Index No. of Crimps	Y644M Dieless No. of Crimps	13642 12 Ton Die Index No. of Crimps	TBM 15 40 Ton Die Index No. of Crimps	21940 Hand Die Index No. of Crimps	TBM-8 Tool No. of Crimps	
ACL-400	ILD-16 (3)	ILD-16 (3)	- (4)	- (4)	ILD-16 (3)	- (2)	472 (2)	472 (4)	472 (4)	472 (4)	472 (4)	- (1)	94H (4)	94H (4)	94 (2)	-	- (4)	Green
ACL-500	ILD-16A (3)	ILD-16A (3)	- (4)	- (4)	ILD-16A (3)	- (2)	300 (2)	300 (4)	300 (4)	300 (4)	300 (4)	- (1)	99H (4)	99H (4)	99 (2)	-	- (4)	Pink
ACL-600	ILD-17 (4)	ILD-17 (4)	- (4)	- (4)	ILD-17 (4)	- (2)	473 (2)	473 (4)	473 (4)	473 (4)	473 (4)	- (1)	106H (4)	106 (2)	106 (2)	-	- (4)	Black
ACL-700	ILD-17 (4)	ILD-17 (4)	- (4)	- (4)	ILD-17 (4)	- (2)	936 (2)	- (4)	936 (4)	936 (4)	936 (4)	- (1)	112H (4)	112H (4)	112 (2)	-	-	Purple
ACL-750	ILD-18 (5)	ILD-18 (5)	- (4)	- (4)	ILD-18 (5)	- (2)	936 (2)	- (4)	936 (4)	936 (4)	936 (4)	- (1)	115H (4)	115H (4)	115 (2)	-	-	Yellow
ACL-1000	-	-	-	-	- (3)	- (2)	302 (2)	-	-	-	-	- (1)	-	140H (4)	140 (2)	-	-	Brown

UL Listed and CSA Certified 600 volts maximum when installed with tools and dies shown above. If proper high voltage spacings and insulation techniques are used, the aluminum compression connectors can be used for high voltage applications up to 35KV.

See stuffer sheet for complete information on tooling.

Tested to UL 486A-486B, UL File E6207

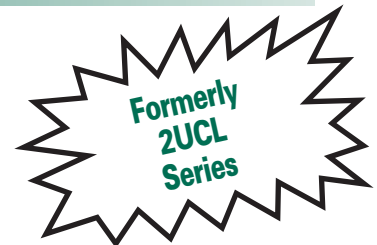
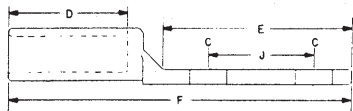
TYPE 2IACL

Features

- Manufactured from high strength aluminum alloy
- Four OD sizes accommodate a wire range from 1/0 to 1000 kcmil
- Chamfered barrel
- Prefilled with DE-OX
- Color coded end caps inserted in barrel and ink marked with die number and number of crimps
- Electro tin plated
- UL Listed for 600 volts, 90° C
- Dual Rated

Benefits

- Provides maximum conductivity and excellent crimping characteristics
- Requires only four installation dies to crimp eleven conductor sizes. Tang width remains constant within an OD size and is designed to fit transformer pads.
- Provides easy conductor insertion
- Prevents oxides from forming
- Prevents foreign materials from entering the connector prior to usage and color code identifies the proper compression die
- Provides low contact resistance
- Ensures reliability



Catalog Number	Wire Size	Wire Range When Installed With IDT-12-N Tool	Tang Width	Bolt Size	Dimensions					IlSCO Die Index	Die Color Code
					D	E	F	C	J		
2IACL-1/0	1/0	1/0-1	1	1/2	1-1/2	3-1/4	5-3/16	9/16(2)	1-3/4	9	Orange
2IACL-2/0	2/0	2/0-1	1-1/4	1/2	1-7/8	3-1/4	5-3/4	9/16(2)	1-3/4	12	White
2IACL-3/0	3/0	3/0-1	1-1/4	1/2	1-7/8	3-1/4	5-3/4	9/16(2)	1-3/4	12	White
2IACL-4/0	4/0	4/0-1	1-1/4	1/2	1-7/8	3-1/4	5-3/4	9/16(2)	1-3/4	12	White
2IACL-250	250kcmil	250kcmil-1/0	1-1/4	1/2	1-7/8	3-1/4	5-3/4	9/16(2)	1-3/4	12	White
2IACL-300	300kcmil	300kcmil-2/0	1-1/4	1/2	2-3/8	3-1/4	6	9/16(2)	1-3/4	14	Blue
2IACL-350	350kcmil	350kcmil-3/0	1-1/4	1/2	2-3/8	3-1/4	6	9/16(2)	1-3/4	14	Blue
2IACL-500	500kcmil	500kcmil-4/0	1-1/4	1/2	2-3/8	3-1/4	6	9/16(2)	1-3/4	14	Blue
2IACL-600	600kcmil	600kcmil-250kcmil	1-39/64	1/2	3-3/16	3-1/4	7	9/16(2)	1-3/4	18	Yellow
2IACL-750	750kcmil	750kcmil-500kcmil	1-39/64	1/2	3-3/16	3-1/4	7-1/4	9/16(2)	1-3/4	18	Yellow
2IACL-1000	1000kcmil	1000kcmil-750kcmil	1-39/64	1/2	3-3/16	3-1/4	7-1/4	9/16(2)	1-3/4	18	Yellow

Tooling Information

Catalog Number	Color	ILSCO					Burndy							Thomas & Betts			Anderson	
		Die Index	ILC-12-N ILC-12H-N 12 Ton	ILCB-12-N	ILC-15H	IDT-12-N Dieless	Die Index	Y34A	Y35	Y39	Y45	Y46	Y48B	Y644M Dieless	Die Index	13642 12 Ton	TBM 15 15 Ton	21940 40 Ton
2IACL-1/0	Orange	9	(3)	(3)	(2)	(1)	297	(2)	(2)	(2)	(2)	(2)	(1)	50	(2)	(2)	(2)	(2)
2IACL-2/0	White	12	(1)	(1)	(2)	(1)	324	(2)	(2)	(2)	(2)	(2)	(1)	71	(2)	(2)	(2)	(2)
2IACL-2/0	White	12	(1)	(1)	(2)	(1)	324	(2)	(2)	(2)	(2)	(2)	(1)	71	(2)	(2)	(2)	(2)
2IACL-250	White	12	(1)	(1)	(2)	(1)	324	(2)	(2)	(2)	(2)	(2)	(1)	71	(2)	(2)	(2)	(2)
2IACL-2/0	White	12	(1)	(1)	(2)	(1)	324	(2)	(2)	(2)	(2)	(2)	(1)	71	(2)	(2)	(2)	(2)
2IACL-300	Blue	14	(2)	(2)	(2)	(1)	299	-	(2)	(2)	(2)	(2)	(1)	87	(2)	(2)	(2)	(2)
2IACL-350	Blue	14	(2)	(2)	(2)	(1)	299	-	(2)	(2)	(2)	(2)	(1)	87	(2)	(2)	(2)	(2)
2IACL-500	Blue	14	(2)	(2)	(2)	(1)	299	-	(2)	(2)	(2)	(2)	(1)	87	(2)	(2)	(2)	(2)
2IACL-600	Yellow	18	(3)	(3)	(3)	(1)	936	-	-	(3)	(3)	(3)	(1)	115	(3)	(3)	(3)	-
2IACL-750	Yellow	18	(3)	(3)	(3)	(1)	936	-	-	(3)	(3)	(3)	(1)	115	(3)	(3)	(3)	-
2IACL-1000	Yellow	18	-	-	(3)	(1)	936	-	-	(3)	(3)	(3)	(1)	115	(3)	(3)	(3)	-

* UL Listed for 600 volts maximum when installed with tools and dies shown above. If proper high voltage spacings and insulation techniques are used, these compression connectors can be used for high voltage applications up to 35KV.

See stuffer sheet for complete information on tooling. Tested to UL 486A-486B, UL File E6207

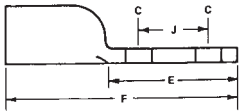
TYPE 2ACL

Features

- Electro-tin plated
- Manufactured from high strength aluminum alloy
- Chamfered barrel
- UL 486B 90° C Listed and CSA Certified for 600 volts
- Color coded
- Clearly marked with wire size and die index for IlSCO tools, proper number and location of crimps
- Prefilled with DE-OX
- Color coded end caps inserted in barrel
- Clear plated

Benefits

- Provides low contact resistance
- Provides maximum conductivity and excellent crimping characteristics
- Provides easy conductor insertion
- Ensures reliability for copper or aluminum conductors
- Provides visual tooling recommendation for IlSCO or standard industry tools
- Provides easy identification and tooling recommendation
- Prevents oxides from forming
- Prevents foreign materials from entering the connector prior to usage and color code identifies the proper compression die
- Provides low contact resistance



Catalog No.	Wire Size	Wire Range When Installed With IDT-12-N Tool	Die Color Code	Bolt Size	Tang Width	Dimensions				Die Index	O.D.	I.D.
						C	E	F	J			
2ACL-1/0	1/0	1/0-1	Tan	3/8 (2)	7/8	13/32(2)	1-7/8	3-15/32	1	8	39/64	25/64
2ACN-1/0	1/0	1/0-1	Tan	1/2 (2)	7/8	17/32(2)	3	4-5/8	1-3/4	8	39/64	25/64
2ACL-2/0	2/0	2/0-1	Olive	1/2 (2)	31/32	9/16(2)	3-3/8	5	1-3/4	10	43/64	7/16
2ACL-3/0	3/0	3/0-1	Ruby	1/2 (2)	1-1/16	9/16(2)	3-3/8	5-5/32	1-3/4	10	49/64	1/2
2ACL-4/0	4/0	4/0-1	White	1/2 (2)	1-1/8	9/16(2)	3-3/8	5-5/8	1-3/4	12	55/64	9/16
2ACL-250	250kcmil	250kcmil-1/0	Red	1/2 (2)	1-21/64	9/16(2)	3-3/8	5-3/4	1-3/4	13	59/64	39/64
2ACL-300	300kcmil	300kcmil-2/0	Blue	1/2 (2)	1-7/16	9/16(2)	3-3/8	5-15/16	1-3/4	14	1-1/64	21/32

CONTINUED ON NEXT PAGE.

Tooling Information

Catalog Number	ILSCO/UTILCO								Burdry						Thomas & Betts				Anderson	Color Code	
	ILC-12-N Die No. No. of Crimps	ILCB-12-N Die No. No. of Crimps	IDTB-6 Die No. No. of Crimps	IDT-6, IDT-6H 6.2 Ton Dieless No. of Crimps	ILC-15H Die No. No. of Crimps	MT-25 Hand Dieless No. of Crimps	94285 Left/Rt Die/Die No. of Crimps	IDT-12-N Dieless No. of Crimps	Y-48B Die Index No. of Crimps	Y-35 Die Index No. of Crimps	Y-39 Die Index No. of Crimps	Y-45 Die Index No. of Crimps	Y-46 Die Index No. of Crimps	MY29-3 Hand Dieless No. of Crimps	Y644M Dieless No. of Crimps	13642 12 Ton Die Index No. of Crimps	TBM 15 15 Ton Die Index No. of Crimps	21940 40 Ton Die Index No. of Crimps	TBM-8 Hand Tool No. of Crimps		Versa Crimp Dieless No. of Crimps
2ACL-1/0 2ACN-1/0	ILD-8 (1)	ILD-8 (1)	- (2)	- (2)	ILD-8 (1)	- (2)	A/C (5)	- (1)	296 (1)	296 (1)	296 (1)	296 (1)	296 (1)	- (2)	- (1)	50 (3)	50 (3)	50 (3)	- (3)	- (2)	Tan
2ACL-2/0	ILD-10 (1)	ILD-10 (1)	- (2)	- (2)	ILD-10 (1)	- (2)	A/B (4)	- (1)	297 (1)	297 (2)	297 (2)	297 (2)	297 (2)	- (2)	- (1)	54 (3)	54H (6)	54 (3)	- (3)	- (2)	Olive
2ACL-3/0	ILD-10 (2)	ILD-10 (2)	- (3)	- (3)	ILD-10 (2)	- (2)	A/A (4)	- (1)	467 (1)	467 (2)	467 (2)	467 (2)	467 (2)	- (2)	- (1)	60 (3)	60 (3)	60 (3)	- (3)	- (2)	Ruby
2ACL-4/0	ILD-12 (1)	ILD-12 (1)	- (3)	- (3)	ILD-12 (1)	- (2)	-	-	298 (1)	298 (2)	298 (2)	298 (2)	298 (2)	- (2)	- (1)	66H (4)	66 (2)	66 (2)	- (5)	- (3)	White
2ACL-250	ILD-13 (2)	ILD-13 (2)	- (3)	- (3)	ILD-13 (2)	-	-	-	324 (1)	324 (2)	324 (2)	324 (2)	324 (2)	-	- (1)	71H (4)	71H (4)	71 (2)	- (5)	- (3)	Red
2ACL-300	ILD-14 (2)	ILD-14 (2)	- (4)	- (4)	ILD-14 (2)	-	-	-	470 (1)	470 (2)	470 (2)	470 (2)	470 (2)	-	- (1)	76H (4)	76 (2)	76 (2)	- (5)	- (3)	Blue

UL Listed and CSA Certified 600 volts maximum when installed with tools and dies shown above. If proper high voltage spacings and insulation techniques are used, the aluminum compression connectors can be used for high voltage applications up to 35KV.

See stuffer sheet for complete information on tooling.

Tested to UL 486A-486B, UL File E6207

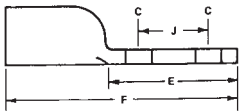
TYPE 2ACL

Features

- Electro-tin plated
- Manufactured from high strength aluminum alloy
- Chamfered barrel
- UL 486B 90° C Listed and CSA Certified for 600 volts
- Color coded
- Clearly marked with wire size and die index for IlSCO tools, proper number and location of crimps
- Prefilled with DE-OX
- Color coded end caps inserted in barrel

Benefits

- Provides low contact resistance
- Provides maximum conductivity and excellent crimping characteristics
- Provides easy conductor insertion
- Ensures reliability for copper or aluminum conductors
- Provides visual tooling recommendation for IlSCO or standard industry tools
- Provides easy identification and tooling recommendation
- Prevents oxides from forming
- Prevents foreign materials from entering the connector prior to usage and color code identifies the proper compression die



Catalog No.	Wire Size	Wire Range When Installed With IDT-12-N Tool	Die Color Code	Bolt Size	Tang Width	Dimensions				Die Index	O.D.	I.D.
						C	E	F	J			
2ACL-350	350kcmil	350kcmil-3/0	Brown	1/2 (2)	1-9/16	9/16(2)	3-3/8	5-31/32	1-3/4	14	1-1/8	23/32
2ACL-400	400kcmil	400kcmil-4/0	Green	1/2 (2)	1-5/8	9/16(2)	3-3/8	6-11/16	1-3/4	16	1-3/16	49/64
2ACL-500	500kcmil	500kcmil-4/0	Pink	1/2 (2)	1-13/16	9/16(2)	3-3/8	6-11/16	1-3/4	16A	1-21/64	55/64
2ACL-600	600kcmil	600kcmil-250kcmil	Black	1/2 (2)	1-15/16	9/16(2)	3-3/8	6-3/4	1-3/4	17	1-21/64	59/64
2ACL-700	700kcmil	700kcmil-350kcmil	Purple	1/2 (2)	2-1/16	9/16(2)	3-3/8	6-15/16	1-3/4	17	1-13/32	1
2ACL-750	750kcmil	750kcmil-500kcmil	Yellow	1/2 (2)	2-1/16	9/16(2)	3-3/8	6-15/16	1-3/4	18	1-29/64	1-1/32
2ACL-1000	1000kcmil	1000kcmil-750kcmil	Brown	1/2 (2)	2-1/2	9/16(2)	3-3/8	7-3/4	1-3/4	20	1-53/64	1-3/16

Tooling Information

Catalog Number	ILSCO/UTILCO								Burdry						Thomas & Betts				Anderson	Color Code	
	ILC-12-N ILC-12H-N Die No. No. of Crimps	ILCB-12-N Die No. No. of Crimps	IDTB-6 Die No. No. of Crimps	IDT-6, IDT-6H 6.2 Ton Dieless No. of Crimps	ILC-15H Die No. No. of Crimps	MT-25 Hand Dieless No. of Crimps	94285 Left/Rt. Die/Die No. of Crimps	IDT-12-N Dieless No. of Crimps	Y-48B Die Index No. of Crimps	Y-35 Die Index No. of Crimps	Y-39 Die Index No. of Crimps	Y-45 Die Index No. of Crimps	Y-46 Die Index No. of Crimps	MY29-3 Hand Dieless No. of Crimps	Y644M Dieless No. of Crimps	13642 12 Ton Die Index No. of Crimps	TBM 15 15 Ton Die Index No. of Crimps	21940 40 Ton Die Index No. of Crimps	TBM-8 Hand Tool No. of Crimps		Versa Crimp Dieless No. of Crimps
2ACL-350	ILD-14 (2)	ILD-14 (2)	- (4)	- (4)	ILD-14 (2)	-	-	(2)	299 (1)	299 (2)	299 (2)	299 (2)	299 (2)	-	(1)	87H (4)	87H (4)	87 (2)	87H (6)	- (3)	Brown
2ACL-400	ILD-16 (3)	ILD-16 (3)	- (4)	- (4)	ILD-16 (3)	-	-	(2)	472 (2)	472 (4)	472 (4)	472 (4)	472 (4)	-	(1)	94H (4)	94H (4)	94 (2)	-	(4)	Green
2ACL-500	ILD-16A (3)	ILD-16A (3)	- (4)	- (4)	ILD-16A (3)	-	-	(2)	300 (2)	300 (4)	300 (4)	300 (4)	300 (4)	-	(1)	99H (4)	99H (4)	99 (2)	-	(4)	Pink
2ACL-600	ILD-17 (4)	ILD-17 (4)	- (4)	- (4)	ILD-17 (4)	-	-	(2)	473 (2)	473 (4)	473 (4)	473 (4)	473 (4)	-	(1)	106H (4)	106 (2)	106 (2)	-	(4)	Black
2ACL-700	ILD-17 (4)	ILD-17 (4)	- (4)	- (4)	ILD-17 (4)	-	-	(2)	936 (2)	-	936 (4)	936 (4)	936 (4)	-	(1)	112H (4)	112H (4)	112 (2)	-	-	Purple
2ACL-750	ILD-18 (5)	ILD-18 (5)	- (4)	- (4)	ILD-18 (5)	-	-	(2)	936 (2)	-	936 (4)	936 (4)	936 (4)	-	(1)	115H (4)	115H (4)	115 (2)	-	-	Yellow
2ACL-1000	-	-	-	-	(3)	-	-	(2)	302 (2)	-	-	-	-	-	(1)	-	140H (4)	140 (2)	-	-	Brown

UL Listed and CSA Certified 600 volts maximum when installed with tools and dies shown above. If proper high voltage spacings and insulation techniques are used, the aluminum compression connectors can be used for high voltage applications up to 35KV. See stuffer sheet for complete information on tooling.

Tested to UL 486A-486B, UL File E6207

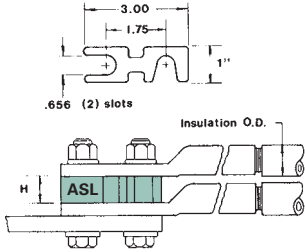
TYPE ASL

Features

- Electro-tin plated
- Manufactured from high strength aluminum alloy
- Two sizes cover a wire range from 750kcmil-1/0
- Unique design
- Versatile
- UL Listed for 600 volts, 90° C

Benefits

- Provides low contact resistance
- Can be used with both aluminum and copper terminals
- Permits inventories to be kept to a minimum
- Allows vertical stacking to minimize space requirements
- Can be used with copper and/or aluminum connectors
- Ensures reliability



Catalog Number	Wire Range	Insulation O.D.	H
ASL-250	250kcmil-1/0	55/64	3/4
ASL-750	750kcmil-1/0	1-3/8	1-1/4

Tested to UL 486A-486B, UL File E6207

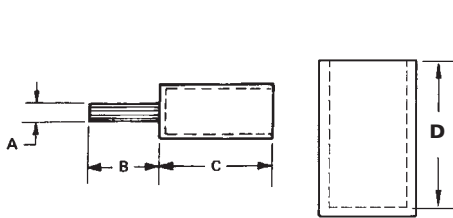
TYPE ACM

Features

- Manufactured from high strength aluminum alloy
- Pin is knurled
- Chamfered barrel
- UL Listed and CSA Certified for 600 volts, 90° C
- Clearly marked with wire size and die index for IlSCO tools, proper number and location of crimps
- Prefilled with DE-OX
- Color coded end caps inserted in barrel
- Supplied with insulating cover

Benefits

- Provides maximum conductivity and excellent crimping characteristics
- Permits greater surface contact
- Provides easy conductor insertion
- Ensures reliability for aluminum conductors
- Provides easy identification and tooling recommendation
- Prevents oxides from forming
- Prevents foreign materials from entering the connector prior to usage and color code identifies the proper compression die.
- Eliminates taping



Catalog Number	Wire Size	Die Color	Pin Size	Dimensions				O.D.	I.D.
				A	B	C	D (cover)		
ACM-6	6	Tan	#4	7/32	11/16	1-13/64	1-3/4	39/64	3/16
ACM-4	4	Tan	#4	1/4	11/16	1-13/64	1-3/4	39/64	1/4
ACM-2	2	Tan	#4	1/4	11/16	1-13/64	1-3/4	39/64	5/16
ACM-1	1	Tan	#3	17/64	27/32	1-13/64	1-3/4	39/64	23/64
ACM-1/0	1/0	White	#2	19/64	27/32	1-3/8	2	55/64	25/64
ACM-2/0	2/0	White	#1	11/32	27/32	1-3/8	2	55/64	7/16

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Tooling Information

Catalog Number	ILSCO/UTILCO				Burndy					Thomas & Betts			Color Code
	ILC-12-N Die No. No. of Crimps	ILCB-12-N Die No. No. of Crimps	ILD-15H Die No. No. of Crimps	IDT-12-N Die No. No. of Crimps	Y-48B Die Index No. of Crimps	Y-35 Die Index No. of Crimps	Y-39 Die Index No. of Crimps	Y-45 Die Index No. of Crimps	Y-46 Die Index No. of Crimps	13642 12 Ton Die Index No. of Crimps	TBM 15 15 Ton Die Index No. of Crimps	21940 40 Ton Die Index No. of Crimps	
ACM-6	ILD-8 (1)	ILD-8 (1)	ILD-8 (1)	(1)	296 (1)	296 (1)	296 (1)	296 (1)	296 (1)	45H Gold (2)	45H Gold (2)	45H Gold (2)	Tan
ACM-4	ILD-8 (1)	ILD-8 (1)	ILD-8 (1)	(1)	296 (1)	296 (1)	296 (1)	296 (1)	296 (1)	45H Gold (2)	45H Gold (2)	45H Gold (2)	Tan
ACM-2	ILD-8 (1)	ILD-8 (1)	ILD-8 (1)	(1)	296 (1)	296 (1)	296 (1)	296 (1)	296 (1)	45H Gold (2)	45H Gold (2)	45H Gold (2)	Tan
ACM-1	ILD-8 (1)	ILD-8 (1)	ILD-8 (1)	(1)	296 (1)	296 (1)	296 (1)	296 (1)	296 (1)	45H Gold (2)	45H Gold (2)	45H Gold (2)	Tan
ACM-1/0	ILD-12 (1)	ILD-12 (1)	ILD-12 (1)	(1)	298 (2*)	298 (2*)	298 (2*)	298 (2*)	298 (2*)	66H (2)	66H (2)	66H (2)	White
ACM-2/0	ILD-12 (1)	ILD-12 (1)	ILD-12 (1)	(1)	298 (2*)	298 (2*)	298 (2*)	298 (2*)	298 (2*)	66H (2)	66H (2)	66H (2)	White

*Overlap Crimps
See stuffer sheet for complete information on tooling.
Tested to UL 486A-486B, UL File E62525

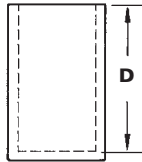
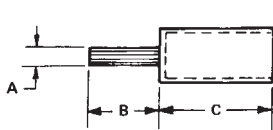
TYPE ACM

Features

- Manufactured from high strength aluminum alloy
- Pin is knurled
- Chamfered barrel
- UL Listed and CSA Certified for 600 volts, 90° C
- Clearly marked with wire size and die index for IlSCO tools, proper number and location of crimps
- Prefilled with DE-OX
- Color coded end caps inserted in barrel
- Supplied with insulating cover

Benefits

- Provides maximum conductivity and excellent crimping characteristics
- Permits greater surface contact
- Provides easy conductor insertion
- Ensures reliability for aluminum conductors
- Provides easy identification and tooling recommendation
- Prevents oxides from forming
- Prevents foreign materials from entering the connector prior to usage and color code identifies the proper compression die.
- Eliminates taping



Catalog Number	Wire Size	Die Color	Pin Size	Dimensions				O.D.	I.D.
				A	B	C	D (cover)		
ACM-3/0	3/0	White	1/0	3/8	1-7/32	1-3/8	2	55/64	1/2
ACM-4/0	4/0	White	2/0	27/64	1-7/32	1-3/8	2	55/64	35/64
ACM-250	250kcmil	Brown	3/0	15/32	1-7/32	1-13/32	2-1/4	1-7/64	39/64
ACM-300	300kcmil	Brown	4/0	17/32	1-11/32	1-13/32	2-1/4	1-7/64	21/32
ACM-350	350kcmil	Brown	250kcmil	37/64	1-11/32	1-13/32	2-1/4	1-7/64	23/32
ACM-400	400kcmil	Pink	300kcmil	5/8	1-39/64	2-1/32	3-1/4	1-21/64	49/64

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Tooling Information

Catalog Number	ILSCO/UTILCO				Burdny					Thomas & Betts			Color Code
	ILC-12-N ILC-12H-N Die No. No. of Crimps	ILCB-12-N Die No. No. of Crimps	ILD-15H Die No. No. of Crimps	IDT-12-N Die No. No. of Crimps	Y-48B Die Index No. of Crimps	Y-35 Die Index No. of Crimps	Y-39 Die Index No. of Crimps	Y-45 Die Index No. of Crimps	Y-46 Die Index No. of Crimps	13642 12 Ton Die Index No. of Crimps	TBM 15 15 Ton Die Index No. of Crimps	21940 40 Ton Die Index No. of Crimps	
ACM-3/0	ILD-12 (1)	ILD-12 (1)	ILD-12 (1)	(1)	298 (2*)	298 (2*)	298 (2*)	298 (2*)	298 (2*)	66H (2)	66H (2)	66H (2)	White
ACM-4/0	ILD-12 (1)	ILD-12 (1)	ILD-12 (1)	(1)	298 (2*)	298 (2*)	298 (2*)	298 (2*)	298 (2*)	66H (2)	66H (2)	66H (2)	White
ACM-250	ILD-14 (1)	ILD-14 (1)	ILD-14 (1)	(1)	299 (2*)	299 (2*)	299 (2*)	299 (2*)	299 (2*)	87H (2)	87H (2)	87H (2)	Brown
ACM-300	ILD-14 (1)	ILD-14 (1)	ILD-14 (1)	(1)	299 (2*)	299 (2*)	299 (2*)	299 (2*)	299 (2*)	87H (2)	87H (2)	87H (2)	Brown
ACM-350	ILD-14 (1)	ILD-14 (1)	ILD-14 (1)	(1)	299 (2*)	299 (2*)	299 (2*)	299 (2*)	299 (2*)	87H (2)	87H (2)	87H (2)	Brown
ACM-400	ILD-16A (2)	ILD-16A (2)	ILD-16A (2)	(1)	300 (3)	300 (3)	300 (3)	300 (3)	300 (3)	99H (3)	99H (3)	99H (3)	Pink

*Overlap Crimps
See stuffer sheet for complete information on tooling.

Tested to UL 486A-486B, UL File E62525

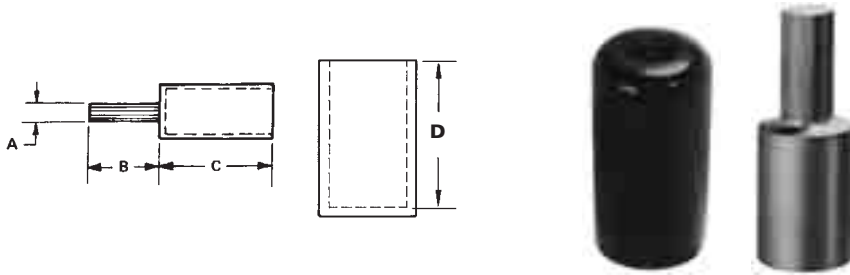
TYPE ACM

Features

- Manufactured from high strength aluminum alloy
- Pin is knurled
- Chamfered barrel
- UL Listed and CSA Certified for 600 volts, 90° C
- Clearly marked with wire size and die index for IlSCO tools, proper number and location of crimps
- Prefilled with DE-OX
- Color coded end caps inserted in barrel
- Supplied with insulating cover

Benefits

- Provides maximum conductivity and excellent crimping characteristics
- Permits greater surface contact
- Provides easy conductor insertion
- Ensures reliability for aluminum conductors
- Provides easy identification and tooling recommendation
- Prevents oxides from forming
- Prevents foreign materials from entering the connector prior to usage and color code identifies the proper compression die.
- Eliminates taping



Catalog Number	Wire Size	Die Color	Pin Size	Dimensions				O.D.	I.D.
				A	B	C	D (cover)		
ACM-500	500kcmil	Pink	350kcmil	11/16	1-39/64	2-1/32	3-1/4	1-21/64	55/64
ACM-600	600kcmil	Yellow	400kcmil	47/64	1-41/64	2-1/32	3-1/4	1-15/32	59/64
ACM-750	750kcmil-700kcmil	Yellow	500kcmil	13/16	1-49/64	2-1/32	3-1/4	1-15/32	1-1/32

Tooling Information

Catalog Number	ILSCO/UTILCO				Burndy					Thomas & Betts			Color Code
	ILC-12-N ILC-12H-N Die No. No. of Crimps	ILCB-12-N Die No. No. of Crimps	ILC-15H Die No. No. of Crimps	IDT-12-N Die No. No. of Crimps	Y-48B Die Index No. of Crimps	Y-35 Die Index No. of Crimps	Y-39 Die Index No. of Crimps	Y-45 Die Index No. of Crimps	Y-46 Die Index No. of Crimps	13642 12 Ton Die Index No. of Crimps	TBM 15 15 Ton Die Index No. of Crimps	21940 40 Ton Die Index No. of Crimps	
ACM-500	ILD-16A (2)	ILD-16A (2)	ILD-16A (2)	(1)	300 (3)	300 (3)	300 (3)	300 (3)	300 (3)	99H (3)	99H (3)	99 (3)	Pink
ACM-600	ILD-18 (3)	ILD-18 (3)	ILD-18 (3)	(1)	936 (3)		936 (3)	936 (3)	936 (3)	115H (3)	115H (3)	115 (3)	Yellow
ACM-750	ILD-18 (3)	ILD-18 (3)	ILD-18 (3)	(1)	936 (3)		936 (3)	936 (3)	936 (3)	115H (3)	115H (3)	115 (3)	Yellow

*Overlap Crimps
See stuffer sheet for complete information on tooling.

Tested to UL 486A-486B, UL File E62525

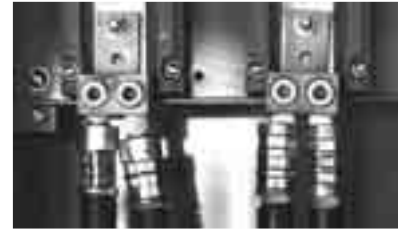
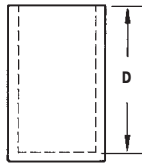
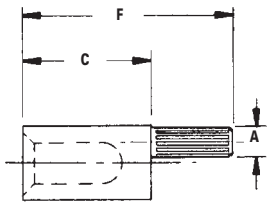
TYPE ACO

Features

- Manufactured from high strength aluminum alloy
- Pin is knurled
- Pin is off center
- Chamfered barrel
- UL Listed and CSA Certified for 600 volts, 90° C
- Clearly marked with wire size and die index for IlSCO tools, proper number and location of crimps
- Prefilled with DE-OX
- Color coded end caps inserted in barrel
- Supplied with insulating cover

Benefits

- Provides maximum conductivity and excellent crimping characteristics
- Permits greater surface contact
- Allows connectors to be rotated for parallel applications. Multiple conductor lugs hole spacing does NOT permit insertion of straight pin connectors
- Provides easy conductor insertion
- Ensures reliability for aluminum conductors
- Provides easy identification and tooling recommendation
- Prevents oxides from forming
- Prevents foreign materials from entering the connector prior to usage and color code identifies the proper compression die
- Eliminates taping



Lug Will Not Accept Straight Pin Offset Pin Design - Application

Catalog Number	Wire Size	Die Color Code	Die Index	Pin Size	Dimensions				O.D.	I.D.
					F	C	A	D (cover)		
ACO-2/0	2/0	White	12	#1	2-7/32	1-3/8	11/32	2	55/64	7/16
ACO-3/0	3/0	White	12	1/0	2-19/32	1-3/8	3/8	2	55/64	1/2
ACO-4/0	4/0	White	12	2/0	2-19/32	1-3/8	27/64	2	55/64	35/64
ACO-250	250kcmil	Brown	14	3/0	2-5/8	1-13/32	15/32	2-1/4	1-7/64	19/32
ACO-300	300kcmil	Brown	14	4/0	2-3/4	1-13/32	17/32	2-1/4	1-7/64	21/32

CONTINUED ON NEXT PAGE.

Cover and connector are packaged together (ONLY).

Tooling Information

Catalog Number	ILSCO/UTILCO				Burndy					Thomas & Betts			Color Code
	ILC-12-N ILC-12H-N Die No. No. of Crimps	ILCB-12-N Die No. No. of Crimps	ILC-15H Die No. No. of Crimps	IDT-12-N Die No. No. of Crimps	Y-48B Die Index No. of Crimps	Y-35 Die Index No. of Crimps	Y-39 Die Index No. of Crimps	Y-45 Die Index No. of Crimps	Y-46 Die Index No. of Crimps	13642 12 Ton Die Index No. of Crimps	TBM 15 15 Ton Die Index No. of Crimps	21940 40 Ton Die Index No. of Crimps	
ACO-2/0	ILD-12 (1)	ILD-12 (1)	ILD-12 (1)	(1)	298 (2*)	298 (2*)	298 (2*)	298 (2*)	298 (2*)	66H (2)	66 (2)	66 (2)	White
ACO-3/0	ILD-12 (1)	ILD-12 (1)	ILD-12 (1)	(1)	298 (2*)	298 (2*)	298 (2*)	298 (2*)	298 (2*)	66H (2)	66 (2)	66 (2)	White
ACO-4/0	ILD-12 (1)	ILD-12 (1)	ILD-12 (1)	(1)	298 (2*)	298 (2*)	298 (2*)	298 (2*)	298 (2*)	66H (2)	66 (2)	66 (2)	White
ACO-250	ILD-14 (1)	ILD-14 (1)	ILD-14 (1)	(1)	299 (2*)	299 (2*)	299 (2*)	299 (2*)	299 (2*)	87H (2)	87 (2)	87 (2)	Brown
ACO-300	ILD-14 (1)	ILD-14 (1)	ILD-14 (1)	(1)	299 (2*)	299 (2*)	299 (2*)	299 (2*)	299 (2*)	87H (2)	87 (2)	87 (2)	Brown

* Overlap Crimps

See stuffer sheet for complete information on tooling.

Tested to UL 486A-486B, UL File E62525

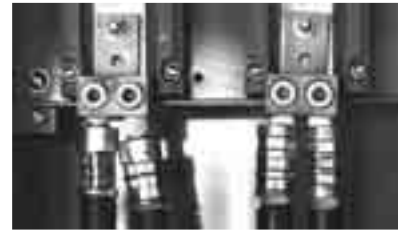
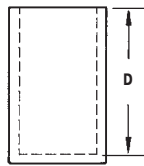
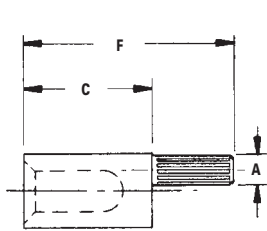
TYPE ACO

Features

- Manufactured from high strength aluminum alloy
- Pin is knurled
- Pin is off center
- Chamfered barrel
- UL Listed and CSA Certified for 600 volts, 90° C
- Clearly marked with wire size and die index for IlSCO tools, proper number and location of crimps
- Prefilled with DE-OX
- Color coded end caps inserted in barrel
- Supplied with insulating cover

Benefits

- Provides maximum conductivity and excellent crimping characteristics
- Permits greater surface contact
- Allows connectors to be rotated for parallel applications. Multiple conductor lugs hole spacing does NOT permit insertion of straight pin connectors
- Provides easy conductor insertion
- Ensures reliability for aluminum conductors
- Provides easy identification and tooling recommendation
- Prevents oxides from forming
- Prevents foreign materials from entering the connector prior to usage and color code identifies the proper compression die
- Eliminates taping



Lug Will Not Accept Straight Pin Offset Pin Design - Application

Catalog Number	Wire Size	Die Color Code	Die Index	Pin Size	Dimensions				O.D.	I.D.
					F	C	A	D (cover)		
ACO-350	350kcmil	Brown	14	250kcmil	2-3/4	1-13/32	37/64	2-1/4	1-7/64	23/32
ACO-500	500kcmil	Pink	16A	350kcmil	3-5/8	2-1/32	11/16	3-1/4	1-21/64	55/64
ACO-600	600kcmil	Yellow	18	400kcmil	3-43/64	2-1/32	47/64	3-1/4	1-15/32	59/64
ACO-750	750kcmil-700kcmil	Yellow	18	500kcmil	3-51/64	2-1/32	13/16	3-1/4	1-15/32	1-1/32
ACO-1000*	1000kcmil-750kcmil	-	-	600kcmil	4-1/32	2-1/32	29/32	-	1-45/64	1-3/16

Cover and connector are packaged together (ONLY).

* Not supplied with cover

Tooling Information

Catalog Number	ILSCO				Burdly					Thomas & Betts			Color Code
	ILC-12-N Die No. No. of Crimps	ILCB-12-N Die No. No. of Crimps	ILC-15H Die No. No. of Crimps	IDT-12-N Die No. No. of Crimps	Y-48B Die Index No. of Crimps	Y-35 Die Index No. of Crimps	Y-39 Die Index No. of Crimps	Y-45 Die Index No. of Crimps	Y-46 Die Index No. of Crimps	13642 12 Ton Die Index No. of Crimps	TBM 15 15 Ton Die Index No. of Crimps	21940 40 Ton Die Index No. of Crimps	
ACO-350	ILD-14 (1)	ILD-14 (1)	ILD-14 (1)	(1)	299 (2*)	299 (2*)	299 (2*)	299 (2*)	299 (2*)	87H (2)	87 (2)	87 (2)	Brown
ACO-500	ILD-16A (2)	ILD-16A (2)	ILD-16A (2)	(1)	300 (3)	300 (3)	300 (3)	300 (3)	300 (3)	99H (3)	99H (3)	99 (3)	Pink
ACO-600	ILD-18 (3)	ILD-18 (3)	ILD-18 (3)	(1)	936 (3)	-	936 (3)	936 (3)	936 (3)	115H (3)	115H (3)	115 (3)	Yellow
ACO-750	ILD-18 (3)	ILD-18 (3)	ILD-18 (3)	(1)	936 (3)	-	936 (3)	936 (3)	936 (3)	115H (3)	115H (3)	115 (3)	Yellow
ACO-1000	-	-	-	(1)	-	-	-	-	-	-	-	-	-

* Overlap Crimps

See stuffer sheet for complete information on tooling.

Tested to UL 486A-486B, UL File E62525

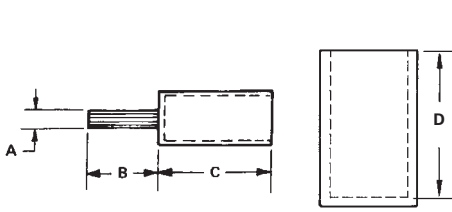
TYPE CPM

Features

- Barrel manufactured from high strength aluminum alloy
- Pigtail manufactured from high conductivity copper
- Chamfered barrel
- UL Listed and CSA Certified for 600 volts, 90° C
- Clearly marked with wire size and die index for IlSCO tools, proper number and location of crimps
- Prefilled with DE-OX
- Color coded end caps inserted in barrel
- Supplied with insulating cover
- Rated for full ampacity of incoming conductor

Benefits

- Allows insertion into equipment supplied with either copper or aluminum connectors
- Provides maximum conductivity and excellent crimping characteristics
- Provides easy conductor insertion
- Ensures reliability for copper and aluminum conductors
- Provides easy identification and tooling recommendation
- Prevents oxides from forming
- Prevents foreign materials from entering the connector prior to usage and color code identifies the proper compression die
- Eliminates taping



Catalog Number	Wire Size	Die Color	Copper Pin Size	Dimensions				O.D.	I.D.
				A	B	C	Cover D		
CPM-6	6	Orange	8	1/8	7/8	1-11/32	1-11/16	21/32	3/16
CPM-4	4	Orange	6	3/16	7/8	1-11/32	1-11/16	21/32	1/4
CPM-2	2	Orange	4	15/64	7/8	1-11/32	1-11/16	21/32	5/16
CPM-1	1	Orange	3	17/64	1	1-11/32	1-11/16	21/32	23/64
CPM-1/0	1/0	White	2	19/64	1-1/4	1-19/32	2-3/32	29/32	25/64
CPM-2/0	2/0	White	1	11/32	1-1/4	1-19/32	2-3/32	29/32	7/16
CPM-3/0	3/0	White	1/0	3/8	1-3/8	1-7/8	2-3/32	29/32	1/2

CONTINUED ON NEXT PAGE.

Tooling Information

Catalog Number	ILSCO/UTILCO			Burdyn				Thomas & Betts			Color Code
	ILC-12-N ILC-12H-N Die No. No. of Crimps	ILCB-12-N Die No. No. of Crimps	ILC-15H Die No. No. of Crimps	Y-46 Die Index No. of Crimps	Y-35 Die Index No. of Crimps	Y-39 Die Index No. of Crimps	Y-45 Die Index No. of Crimps	13642 12 Ton Die Index No. of Crimps	TBM 15 15 Ton Die Index No. of Crimps	21940 40 Ton Die Index No. of Crimps	
CPM-6	ILD-9 (3)	ILD-9 (3)	ILD-9 (3)	297 (2)	297 (2)	297 (2)	297 (2)	50 (2)	50 (2)	50 (2)	Orange
CPM-4	ILD-9 (3)	ILD-9 (3)	ILD-9 (3)	297 (2)	297 (2)	297 (2)	297 (2)	50 (2)	50 (2)	87 (2)	Orange
CPM-2	ILD-9 (3)	ILD-9 (3)	ILD-9 (3)	297 (2)	297 (2)	297 (2)	297 (2)	50 (2)	50 (2)	87 (2)	Orange
CPM-1	ILD-9 (3)	ILD-9 (3)	ILD-9 (3)	297 (2)	297 (2)	297 (2)	297 (2)	50 (2)	50 (2)	87 (2)	Orange
CPM-1/0	ILD-12 (1)	ILD-12 (1)	ILD-12 (1)	324 (2)	324 (2)	324 (2)	324 (2)	76H (4)	76 (2)	76 (2)	White
CPM-2/0	ILD-12 (1)	ILD-12 (1)	ILD-12 (1)	324 (2)	324 (2)	324 (2)	324 (2)	76H (4)	76 (2)	76 (2)	White
CPM-3/0	ILD-12 (1)	ILD-12 (1)	ILD-12 (1)	324 (2)	324 (2)	324 (2)	324 (2)	76H (4)	76 (2)	76 (2)	White

UL Listed and CSA Certified 600 volts maximum when installed with tools and dies shown above. If proper high voltage spacings and insulation techniques are used, the aluminum compression connectors can be used for high voltage applications up to 35KV.

Dieless crimp tools must not be used to crimp CPM/CPML adaptors. See stuffer sheet for complete information on tooling.

Tested to UL 486A-486B, UL File E62525

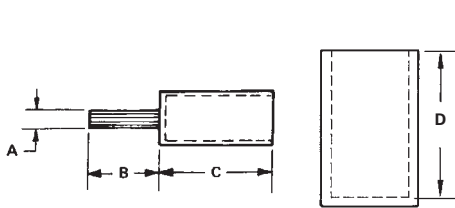
TYPE CPM

Features

- Barrel manufactured from high strength aluminum alloy
- Pigtail manufactured from high conductivity copper
- Chamfered barrel
- UL Listed and CSA Certified for 600 volts, 90° C
- Clearly marked with wire size and die index for IlSCO tools, proper number and location of crimps
- Prefilled with DE-OX
- Color coded end caps inserted in barrel
- Supplied with insulating cover
- Rated for full ampacity of incoming conductor

Benefits

- Allows insertion into equipment supplied with either copper or aluminum connectors
- Provides maximum conductivity and excellent crimping characteristics
- Provides easy conductor insertion
- Ensures reliability for copper and aluminum conductors
- Provides easy identification and tooling recommendation
- Prevents oxides from forming
- Prevents foreign materials from entering the connector prior to usage and color code identifies the proper compression die
- Eliminates taping



Catalog Number	Wire Size	Die Color	Copper Pin Size	Dimensions				O.D.	I.D.
				A	B	C	Cover D		
CPM-4/0	4/0	White	2/0	13/32	1-3/8	1-7/8	2-3/32	29/32	9/16
CPM-250	250kcmil	Brown	3/0	15/32	1-1/2	2-1/16	2-27/32	1-5/32	39/64
CPM-300	300kcmil	Brown	4/0	17/32	1-5/8	2-1/16	2-27/32	1-5/32	21/32
CPM-350	350kcmil	Brown	4/0	17/32	1-5/8	2-1/16	2-27/32	1-5/32	23/32
CPM-400	400kcmil	Pink	250kcmil	37/64	1-7/8	2-3/32	2-13/32	1-3/8	49/64
CPM-500	500kcmil	Pink	350kcmil	11/16	1-7/8	2-3/32	2-13/32	1-3/8	55/64
CPM-600	600kcmil	Yellow	350kcmil	11/16	1-7/8	2-3/4	3-3/32	1-1/2	59/64

CONTINUED ON NEXT PAGE.

Tooling Information

Catalog Number	ILSCO/UTILCO			Burdny				Thomas & Betts			Color Code
	ILC-12-N ILC-12H-N Die No. No. of Crimps	ILCB-12-N Die No. No. of Crimps	ILC-15H Die No. No. of Crimps	Y-46 Die Index No. of Crimps	Y-35 Die Index No. of Crimps	Y-39 Die Index No. of Crimps	Y-45 Die Index No. of Crimps	13642 12 Ton Die Index No. of Crimps	TBM 15 15 Ton Die Index No. of Crimps	21940 40 Ton Die Index No. of Crimps	
CPM-4/0	ILD-12 (1)	ILD-12 (1)	ILD-12 (1)	324 (2)	324 (1)	324 (2)	324 (2)	76H (4)	76 (2)	76 (2)	White
CPM-250	ILD-14 (2*)	ILD-14 (2*)	ILD-14 (2*)	299 (2*)	299 (2*)	299 (2*)	299 (2*)	87H (2)	87H (2)	87 (1)	Brown
CPM-300	ILD-14 (2*)	ILD-14 (2*)	ILD-14 (2*)	299 (2*)	299 (2*)	299 (2*)	299 (2*)	87H (2)	87H (2)	87 (1)	Brown
CPM-350	ILD-14 (2*)	ILD-14 (2*)	ILD-14 (2*)	299 (2*)	299 (2*)	299 (2*)	299 (2*)	87H (2)	87H (2)	87 (1)	Brown
CPM-400	ILD-16A (2*)	ILD-16A (2*)	ILD-16A (2*)	300 (3)	300 (2*)	300 (3)	300 (3)	106H (2)	106 (1)	106 (1)	Pink
CPM-500	ILD-16A (2*)	ILD-16A (2*)	ILD-16A (2*)	300 (3)	300 (3)	300 (3)	300 (3)	106H (2)	106 (1)	106 (1)	Pink
CPM-600	ILD-18 (3)	ILD-18 (3)	ILD-18 (3)	936 (3)	936 (3)	936 (3)	936 (3)	115H (3)	115H (3)	115 (2)	Yellow

UL Listed and CSA Certified 600 volts maximum when installed with tools and dies shown above. If proper high voltage spacings and insulation techniques are used, the aluminum compression connectors can be used for high voltage applications up to 35KV.

*Overlap Crimps Dieless crimp tools must not be used to crimp CPM/CPML adaptors. See stuffer sheet for complete information on tooling.

Tested to UL 486A-486B, UL File E62525

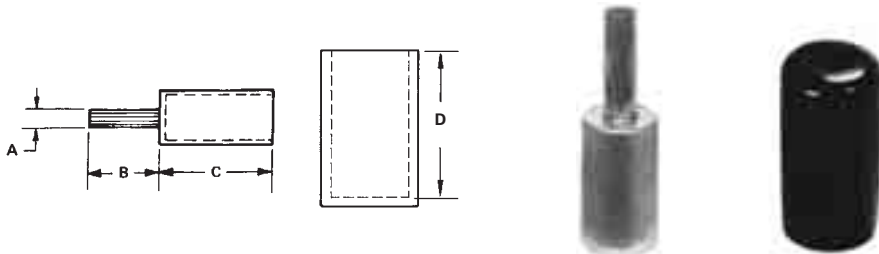
TYPE CPM CPML

Features

- Barrel manufactured from high strength aluminum alloy
- Pigtail manufactured from high conductivity copper
- Chamfered barrel
- UL Listed and CSA Certified for 600 volts, 90° C
- Clearly marked with wire size and die index for IlSCO tools, proper number and location of crimps
- Prefilled with DE-OX
- Color coded end caps inserted in barrel
- Supplied with insulating cover
- Rated for full ampacity of incoming conductor

Benefits

- Allows insertion into equipment supplied with either copper or aluminum connectors
- Provides maximum conductivity and excellent crimping characteristics
- Provides easy conductor insertion
- Ensures reliability for copper and aluminum conductors
- Provides easy identification and tooling recommendation
- Prevents oxides from forming
- Prevents foreign materials from entering the connector prior to usage and color code identifies the proper compression die
- Eliminates taping



Catalog Number	Wire Range	Die Color	Copper Pin Size	Dimensions				O.D.	I.D.
				A	B	C	Cover D		
CPM-750	750kcmil-700kcmil	Yellow	500kcmil	13/16	2	2-3/4	3-3/32	1-1/2	1-1/32
CPML-500	500kcmil	Pink	350kcmil	11/16	3	2-3/32	2-13/32	1-3/8	55/64
CPML-600	600kcmil	Yellow	350kcmil	11/16	3	2-3/4	3-3/32	1-1/2	59/64
CPML-750	750kcmil-700kcmil	Yellow	500kcmil	13/16	3	2-3/4	3-3/32	1-1/2	1-1/32

H

Tooling Information

Catalog Number	ILSCO/UTILCO			Burdny				Thomas & Betts			Color Code
	ILC-12-N ILC-12H-N Die No. No. of Crimps	ILCB-12-N Die No. No. of Crimps	ILC-15H Die No. No. of Crimps	Y-46 Die Index No. of Crimps	Y-35 Die Index No. of Crimps	Y-39 Die Index No. of Crimps	Y-45 Die Index No. of Crimps	13642 12 Ton Die Index No. of Crimps	TBM 15 15 Ton Die Index No. of Crimps	21940 40 Ton Die Index No. of Crimps	
CPM-750	ILD-18 (3)	ILD-18 (3)	ILD-18 (3)	936 (3)	936 (3)	936 (3)	936 (3)	115H (3)	115H (3)	115 (2)	Yellow
CPML-500	ILD-16A (2*)	ILD-16A (2*)	ILD-16A (2*)	300 (3)	300 (3)	300 (3)	300 (3)	106H (2)	106 (1)	106 (1)	Pink
CPML-600	ILD-18 (3*)	ILD-18 (3*)	ILD-18 (3*)	936 (3)	936 (3)	936 (3)	936 (3)	115H (3)	115H (3)	115 (2)	Yellow
CPML-750	ILD-18 (3*)	ILD-18 (3*)	ILD-18 (3*)	936 (3)	936 (3)	936 (3)	936 (3)	115H (3)	115H (3)	115 (2)	Yellow

UL Listed and CSA Certified 600 volts maximum when installed with tools and dies shown above. If proper high voltage spacings and insulation techniques are used, the aluminum compression connectors can be used for high voltage applications up to 35KV.

*Overlap Crimps

Dieless crimp tools must not be used to crimp CPM/CPML adaptors.

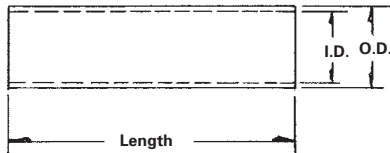
See stuffer sheet for complete information on tooling.

Tested to UL 486A-486B, UL File E62525

TYPE CT

Features

- Manufactured from high strength seamless copper tubing.
- Electro-Tin plated.
- Maximum conductivity and excellent crimping characteristics.
- Chamfered entry.
- Color coded.
- UL 486A 90°C Listed and CSA Certified for 600 Volts.
- If proper high voltage spacing and insulation techniques are used, may be used for high voltage applications up to 35KV.
- For Copper conductor only.
- IlSCO connectors are UL Listed and CSA Certified with ILSCO or other Manufacturers' tools.
- UL File E6207



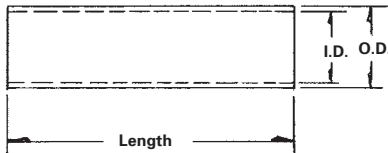
Catalog Number	Wire Size	Alt Wire Size	Expanded* Wire Range	Barrel Length	Die Color Code	Die Index	Die Catalog Number	O.D.	I.D.
CT-8	8 AWG	#8 Flex	-	1.125	Red	I-21	ILD-21	0.272	0.179
CT-6	6 AWG	-	-	1.750	Blue	I-24	ILD-24	0.295	0.203
CT-4	4 AWG	#6 Flex	4-6 AWG	1.875	Gray	I-29	ILD-29	0.343	0.250
CT-3	3 AWG	#4 Flex	3-6 AWG	1.750	White	I-29	ILD-29	0.375	0.275
CT-2	2 AWG	-	2-6 AWG	1.875	Brown	I-33	ILD-33	0.421	0.312
CT-1	1 AWG	#2 Flex	1-6 AWG	1.875	Green	I-37	ILD-37	0.468	0.359
CT-1/0	1/0 AWG	#1 Flex	1/0-6 AWG	1.875	Pink	I-42	ILD-42	0.515	0.390
CT-2/0	2/0 AWG	1/0 Flex	2/0-4 AWG	2.000	Black	I-45	ILD-45	0.562	0.437
CT-3/0	3/0 AWG	2/0 Flex	3/0-2 AWG	2.125	Orange	I-50	ILD-50	0.609	0.484
CT-4/0	4/0 AWG	3/0 Flex	4/0-1 AWG	2.125	Purple	I-54	ILD-54	0.687	0.546
CT-250	250kcmil	4/0 Flex	250kcmil-1/0 AWG	2.250	Yellow	I-62	ILD-62	0.750	0.593
CT-300	300kcmil	250 G,H Flex	300kcmil-2/0 AWG	2.250	White	I-66	ILD-66	0.812	0.660
CT-350	350kcmil	250 I,K,M Flex 262.2 DLO	350kcmil-3/0 AWG	2.375	Red	I-71	ILD-71	0.890	0.703
CT-400	400kcmil	300 G,H,I,K,M Flex 313.1 DLO	400kcmil-4/0 AWG	2.500	Blue	I-76	ILD-76	0.937	0.750
CT-500	500kcmil	350 G,H,I,K,M Flex 373.7 DLO	500kcmil-250kcmil	2.875	Brown	I-87	ILD-87	1.062	0.828
CT-600	600kcmil	400 G,H,I,K,M Flex 444.4 DLO	600kcmil-250kcmil	2.875	Green	I-94	ILD-94	1.187	0.920
CT-650	650kcmil	500 G,H,I,K,M Flex 535.3 DLO	650kcmil-350kcmil	2.875	Pink	I-99	ILD-99	1.222	0.962
CT-700	700kcmil	500 G,H,I,K,M Flex 535.3 DLO	700kcmil-350kcmil	3.375	Pink	I-99	ILD-99	1.250	0.991
CT-750	750kcmil	600 G,H,I,K,M Flex 646.4 DLO	750kcmil-500kcmil	3.375	Black	I-106	ILD-106	1.313	1.031
CT-1000	1000kcmil	750 G,H,I Flex 777.7 DLO	1000kcmil-750kcmil	3.875	White	I-125	ILD-125	1.500	1.172

* When installed with specified dieless tools
See pages 204 to 209 for complete tooling information.

TYPE CTL

Features

- Manufactured from high strength seamless copper tubing.
- Electro-Tin plated.
- Maximum conductivity and excellent crimping characteristics.
- Chamfered entry.
- Color coded.
- UL 486A 90°C Listed and CSA Certified for 600 Volts.
- If proper high voltage spacing and insulation techniques are used, may be used for high voltage applications up to 35KV.
- For Copper conductor only.
- IlSCO connectors are UL Listed and CSA Certified with ILSCO or other Manufacturers' tools.
- UL File E6207



Catalog Number	Wire Size	Alt Wire Size	Expanded* Wire Range	Barrel Length	Die Color Code	Die Index	Die Catalog Number	O.D.	I.D.
CTL-8	8 AWG	-	-	1.75	Red	I-21	ILD-21	0.272	0.179
CTL-6	6 AWG	-	-	2.375	Blue	I-24	ILD-24	0.295	0.203
CTL-4	4 AWG	#6 Flex	4-6 AWG	2.375	Gray	I-29	ILD-29	0.343	0.250
CTL-3	3 AWG	#4 Flex	3-6 AWG	2.375	White	I-29	ILD-29	0.375	0.275
CTL-2	2 AWG	-	2-6 AWG	2.625	Brown	I-33	ILD-33	0.421	0.312
CTL-1	1 AWG	#2 Flex	1-6 AWG	2.875	Green	I-37	ILD-37	0.468	0.359
CTL-1/0	1/0 AWG	#1 Flex	1/0-6 AWG	2.875	Pink	I-42	ILD-42	0.515	0.390
CTL-2/0	2/0 AWG	1/0 Flex	2/0-4 AWG	3.125	Black	I-45	ILD-45	0.562	0.437
CTL-3/0	3/0 AWG	2/0 Flex	3/0-2 AWG	3.125	Orange	I-50	ILD-50	0.609	0.484
CTL-4/0	4/0 AWG	3/0 Flex	4/0-1 AWG	3.375	Purple	I-54	ILD-54	0.687	0.546
CTL-250	250kcmil	4/0 Flex	250kcmil-1/0 AWG	3.375	Yellow	I-62	ILD-62	0.750	0.593
CTL-300	300kcmil	250 G,H Flex	300kcmil-2/0 AWG	4.125	White	I-66	ILD-66	0.812	0.660
CTL-350	350kcmil	250 I,K,M Flex 262.2 DLO	350kcmil-3/0 AWG	4.125	Red	I-71	ILD-71	0.890	0.703
CTL-400	400kcmil	300 G,H,I,K,M Flex 313.1 DLO	400kcmil-4/0 AWG	4.375	Blue	I-76	ILD-76	0.937	0.750
CTL-500	500kcmil	350 G,H,I,K,M Flex 373.7 DLO	500kcmil-250kcmil	4.625	Brown	I-87	ILD-87	1.062	0.828
CTL-600	600kcmil	400 G,H,I,K,M Flex 444.4 DLO	600kcmil-250kcmil	4.625	Green	I-94	ILD-94	1.187	0.920
CTL-650	650kcmil	500 G,H,I,K,M Flex 535.3 DLO	650kcmil-350kcmil	4.625	Pink	I-99	ILD-99	1.222	0.962
CTL-700	700kcmil	500 G,H,I,K,M Flex 535.3 DLO	700kcmil-350kcmil	5.875	Pink	I-99	ILD-99	1.250	0.991
CTL-750	750kcmil	600 G,H,I,K,M Flex 646.4 DLO	750kcmil-500kcmil	5.875	Black	I-106	ILD-106	1.313	1.031
CTL-1000	1000kcmil	750 G,H,I Flex 777.7 DLO	1000kcmil-750kcmil	6.125	White	I-125	ILD-125	1.500	1.172

* When installed with specified dieless tools
See pages 204 to 209 for complete tooling information.

UTILCO Insulated Aluminum Service Entrance Sleeves

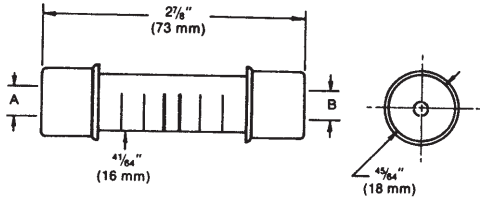
TYPE PICS

Features

- Pre-insulated
- Concave polyethylene end caps
- Dual rated
- RUS Listed
- Die Index 5/8 or BG

Benefits

- Fast, easy installation
- Seal out dirt but are easily pierced when inserting conductor
- For use with aluminum-aluminum and aluminum-copper conductors



Catalog Number	End "A"					End "B"					Color Code
	Conductor Range				Color Code	Conductor Range					
	ACSR	AWG	Diameter (in.)			ACSR	AWG	Diameter (in.)			
			max.	min.			max.	min.			
PICS-61	-	6 sol - 8 str	0.162	0.144	Green	-	6 sol - 8 str	0.162	0.144	Green	
PICS-62	6	4 sol - 6 str	0.204	0.184	Blue	-	8 sol - 10 str	0.128	0.114	Brown	
PICS-63	6	4 sol - 6 str	0.204	0.184	Blue	-	6 sol - 8 str	0.162	0.144	Green	
PICS-64	6	4 sol - 6 str	0.204	0.184	Blue	6	4 sol - 6 str	0.204	0.184	Blue	
PICS-65	4	2 sol - 3-4 str	0.258	0.213	Orange	-	8 sol - 10 str	0.128	0.114	Brown	
PICS-66	4	2 sol - 3-4 str	0.258	0.213	Orange	-	6 sol - 8 str	0.162	0.144	Green	
PICS-67	4	2 sol - 3-4 str	0.258	0.213	Orange	6	4 sol - 6 str	0.204	0.184	Blue	
PICS-68	4	2 sol - 3-4 str	0.258	0.213	Orange	4	2 sol - 3-4 str	0.258	0.213	Orange	
PICS-70	2	1-2 str	0.328	0.268	Red	-	6 sol - 8 str	0.162	0.144	Green	
PICS-71	2	1-2 str	0.328	0.268	Red	6	4 sol - 6 str	0.204	0.184	Blue	
PICS-72	2	1-2 str	0.328	0.268	Red	4	2 sol - 3-4 str	0.258	0.213	Orange	
PICS-73	2	1-2 str	0.328	0.268	Red	2	1-2 str	0.328	0.268	Red	
PICS-75	1/0	1/0	0.398	0.368	Yellow	6	4 sol - 6 str	0.204	0.184	Blue	
PICS-76	1/0	1/0	0.398	0.368	Yellow	4	2 sol - 3-4 str	0.258	0.213	Orange	
PICS-77	1/0	1/0	0.398	0.368	Yellow	2	2-1 str	0.328	0.268	Red	
PICS-78	1/0	1/0	0.398	0.368	Yellow	-	1/0	0.398	0.368	Yellow	



UTILCO Insulated Aluminum Service Entrance Sleeves

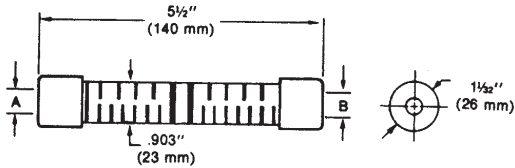
TYPE P840

Features

- Pre-insulated
- Concave polyethylene end caps
- Dual rated
- RUS Listed
- Die Index 840

Benefits

- Fast, easy installation
- Seal out dirt but are easily pierced when inserting conductor
- For use with aluminum-aluminum and aluminum-copper conductors



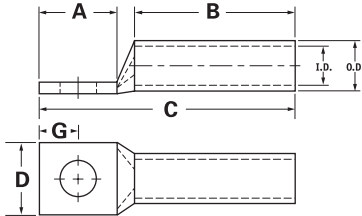
Catalog Number	End "A"					End "B"				
	Conductor Range				Color Code	Conductor Range				Color Code
	ACSR	AWG	Diameter (in.)			ACSR	AWG	Diameter (in.)		
max.			min.	max.	min.					
PICS-834	1/0	2/0 (compact) or 1/0	0.398	0.365	Yellow	4	2 sol - 3-4 str	0.258	0.213	Orange
PICS-835	1/0	2/0 (compact) or 1/0	0.398	0.365	Yellow	2	1-2 str	0.328	0.268	Red
PICS-836	1/0	2/0 (compact) or 1/0	0.398	0.365	Yellow	1/0	2/0 (compact) or 1/0	0.398	0.365	Yellow
PICS-844	2/0	3/0 (compact) or 2/0	0.448	0.414	Gray	4	2 sol - 3-4 str	0.258	0.213	Orange
PICS-845	2/0	3/0 (compact) or 2/0	0.448	0.414	Gray	2	1-2 str	0.328	0.268	Red
PICS-846	2/0	3/0 (compact) or 2/0	0.448	0.414	Gray	1/0	2/0 (compact) or 1/0	0.398	0.365	Yellow
PICS-847	2/0	3/0 (compact) or 2/0	0.448	0.414	Gray	2/0	3/0 (compact) or 2/0	0.448	0.414	Gray
PICS-854	3/0	4/0 (compact) or 3/0	0.502	0.464	Black	4	2 sol - 3-4 str	0.258	0.213	Orange
PICS-855	3/0	4/0 (compact) or 3/0	0.502	0.464	Black	2	1-2 str	0.328	0.268	Red
PICS-856	3/0	4/0 (compact) or 3/0	0.502	0.464	Black	1/0	2/0 (compact) or 1/0	0.398	0.365	Yellow
PICS-857	3/0	4/0 (compact) or 3/0	0.502	0.464	Black	2/0	3/0 (compact) or 2/0	0.448	0.414	Gray
PICS-858	3/0	4/0 (compact) or 3/0	0.502	0.464	Black	3/0	4/0 (compact) or 3/0	0.502	0.464	Black
PICS-864	4/0	4/0	0.564	0.522	Pink	4	2 sol - 3-4 str	0.258	0.213	Orange
PICS-865	4/0	4/0	0.564	0.522	Pink	2	1-2 str	0.328	0.268	Red
PICS-866	4/0	4/0	0.564	0.522	Pink	1/0	1/0	0.398	0.365	Yellow
PICS-867	4/0	4/0	0.564	0.522	Pink	2/0	3/0 (compact) or 2/0	0.448	0.414	Gray
PICS-868	4/0	4/0	0.564	0.522	Pink	3/0	4/0 (compact) or 3/0	0.502	0.464	Black
PICS-869	4/0	4/0	0.564	0.522	Pink	4/0	4/0	0.564	0.522	Pink

H

TYPE CSWS

Features

- Manufactured from high strength seamless copper tubing.
- Electro-Tin plated.
- Maximum conductivity and excellent crimping characteristics.
- Chamfered entry.
- Color coded.
- UL 486A 90°C Listed and CSA Certified for 600 Volts.
- If proper high voltage spacing and insulation techniques are used, may be used for high voltage applications up to 35KV.
- For Copper conductor only.
- IlSCO connectors are UL Listed and CSA Certified with ILSCO and other Manufacturers' tools.+
- UL File E6207



Catalog Number	Wire Size	Alt Wire Size	Expanded* Wire Range	Bolt Size	Stud Hole Dia.	Dimensions					Die Color Code	Die Index	O.D.	I.D.
						A	B	C	D	G				
CSWS-8-10	#8 AWG	#8 FLEX	-	10	0.219	0.562	0.500	1.257	0.374	0.258	Red	I-21	0.272	0.179
CSWS-8-14	#8 AWG	#8 FLEX	-	1/4	0.281	0.680	0.500	1.375	0.486	0.320	Red	I-21	0.272	0.179
CSWS-8-516	#8 AWG	#8 FLEX	-	5/16	0.343	0.875	0.500	1.570	0.532	0.352	Red	I-21	0.272	0.179
CSWS-8-38	#8 AWG	#8 FLEX	-	3/8	0.406	0.875	0.500	1.570	0.593	0.414	Red	I-21	0.272	0.179
CSWS-6-10	#6 AWG	-	-	10	0.219	0.562	0.500	1.257	0.411	0.258	Blue	I-24	0.295	0.203
CSWS-6-14	#6 AWG	-	-	1/4	0.281	0.680	0.500	1.375	0.411	0.320	Blue	I-24	0.295	0.203
CSWS-6-516	#6 AWG	-	-	5/16	0.343	0.875	0.500	1.570	0.532	0.352	Blue	I-24	0.295	0.203
CSWS-6-38	#6 AWG	-	-	3/8	0.406	0.875	0.500	1.570	0.593	0.414	Blue	I-24	0.295	0.203
CSWS-6-12	#6 AWG	-	-	1/2	0.562	1.250	0.500	1.945	0.750	0.546	Blue	I-24	0.295	0.203
CSWS-6-34	#6 AWG	-	-	3/4	0.781	1.687	0.500	2.382	0.411	0.750	Blue	I-24	0.295	0.203
CSWS-4-10	#4 AWG	#6 FLEX	4-6 AWG	10	0.219	0.562	0.500	1.296	0.486	0.258	Gray	I-29	0.343	0.250
CSWS-4-14	#4 AWG	#6 FLEX	4-6 AWG	1/4	0.281	0.680	0.500	1.414	0.486	0.320	Gray	I-29	0.343	0.250
CSWS-4-516	#4 AWG	#6 FLEX	4-6 AWG	5/16	0.343	0.875	0.500	1.609	0.486	0.352	Gray	I-29	0.343	0.250
CSWS-4-38	#4 AWG	#6 FLEX	4-6 AWG	3/8	0.406	0.875	0.500	1.609	0.593	0.414	Gray	I-29	0.343	0.250
CSWS-4-12	#4 AWG	#6 FLEX	4-6 AWG	1/2	0.562	1.250	0.500	1.984	0.750	0.546	Gray	I-29	0.343	0.250
CSWS-3-10	#3 AWG	#4 FLEX	3-6 AWG	10	0.219	0.562	0.625	1.442	0.532	0.258	White	I-29	0.375	0.275
CSWS-3-14	#3 AWG	#4 FLEX	3-6 AWG	1/4	0.281	0.680	0.625	1.560	0.532	0.320	White	I-29	0.375	0.275
CSWS-3-516	#3 AWG	#4 FLEX	3-6 AWG	5/16	0.343	0.875	0.625	1.755	0.532	0.352	White	I-29	0.375	0.275
CSWS-3-38	#3 AWG	#4 FLEX	3-6 AWG	3/8	0.406	0.875	0.625	1.755	0.593	0.414	White	I-29	0.375	0.275
CSWS-3-12	#3 AWG	#4 FLEX	3-6 AWG	1/2	0.562	1.250	0.625	2.130	0.750	0.546	White	I-29	0.375	0.275
CSWS-2-10	#2 AWG	-	2-6 AWG	10	0.219	0.562	0.625	1.473	0.599	0.258	Brown	I-33	0.421	0.312
CSWS-2-14	#2 AWG	-	2-6 AWG	1/4	0.281	0.680	0.625	1.591	0.599	0.320	Brown	I-33	0.421	0.312
CSWS-2-516	#2 AWG	-	2-6 AWG	5/16	0.343	0.875	0.625	1.786	0.599	0.352	Brown	I-33	0.421	0.312
CSWS-2-38	#2 AWG	-	2-6 AWG	3/8	0.406	0.875	0.625	1.786	0.599	0.414	Brown	I-33	0.421	0.312
CSWS-2-12	#2 AWG	-	2-6 AWG	1/2	0.562	1.250	0.625	2.161	0.750	0.546	Brown	I-33	0.421	0.312
CSWS-1-10	#1 AWG	#2 FLEX	1-6 AWG	10	0.219	0.562	0.625	1.517	0.673	0.258	Green	I-37	0.468	0.359
CSWS-1-14	#1 AWG	#2 FLEX	1-6 AWG	1/4	0.281	0.875	0.625	1.830	0.673	0.320	Green	I-37	0.468	0.359
CSWS-1-516	#1 AWG	#2 FLEX	1-6 AWG	5/16	0.343	0.875	0.625	1.830	0.673	0.352	Green	I-37	0.468	0.359
CSWS-1-38	#1 AWG	#2 FLEX	1-6 AWG	3/8	0.406	0.875	0.625	1.830	0.673	0.414	Green	I-37	0.468	0.359
CSWS-1-12	#1 AWG	#2 FLEX	1-6 AWG	1/2	0.562	1.250	0.625	2.205	0.750	0.546	Green	I-37	0.468	0.359

* When installed with specified dieless tools

+ See pages 204 to 209 for complete tooling information.

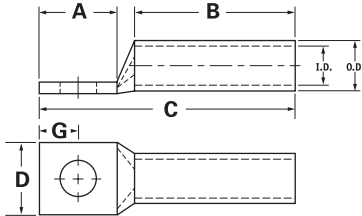
For Bent Tangs change the 4th letter to a B and add "-4" for 45 deg. or "-9" for 90 deg.



TYPE CSWS

Features

- Manufactured from high strength seamless copper tubing.
- Electro-Tin plated.
- Maximum conductivity and excellent crimping characteristics.
- Chamfered entry.
- Color coded.
- UL 486A 90°C Listed and CSA Certified for 600 Volts.
- If proper high voltage spacing and insulation techniques are used, may be used for high voltage applications up to 35KV.
- For Copper conductor only.
- IlSCO connectors are UL Listed and CSA Certified with ILSCO and other Manufacturers' tools.†
- UL File E6207



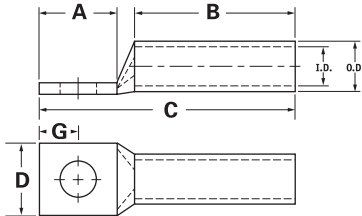
Catalog Number	Wire Size	Alt Wire Size	Expanded* Wire Range	Bolt Size	Stud Hole Dia.	Dimensions					Die Color Code	Die Index	O.D.	I.D.
						A	B	C	D	G				
CSWS-1/0-10	1/0 AWG	#1 FLEX	1/0-6 AWG	10	0.219	0.562	0.750	1.668	0.738	0.258	Pink	I-42	0.515	0.390
CSWS-1/0-14	1/0 AWG	#1 FLEX	1/0-6 AWG	1/4	0.281	0.875	0.750	1.981	0.738	0.320	Pink	I-42	0.515	0.390
CSWS-1/0-516	1/0 AWG	#1 FLEX	1/0-6 AWG	5/16	0.343	0.875	0.750	1.981	0.738	0.352	Pink	I-42	0.515	0.390
CSWS-1/0-38	1/0 AWG	#1 FLEX	1/0-6 AWG	3/8	0.406	0.875	0.750	1.981	0.738	0.414	Pink	I-42	0.515	0.390
CSWS-1/0-12	1/0 AWG	#1 FLEX	1/0-6 AWG	1/2	0.562	1.250	0.750	2.356	0.738	0.546	Pink	I-42	0.515	0.390
CSWS-2/0-10	2/0 AWG	1/0 FLEX	2/0-4 AWG	10	0.219	0.562	0.750	1.708	0.811	0.258	Black	I-45	0.562	0.437
CSWS-2/0-14	2/0 AWG	1/0 FLEX	2/0-4 AWG	1/4	0.281	0.875	0.750	2.021	0.811	0.320	Black	I-45	0.562	0.437
CSWS-2/0-516	2/0 AWG	1/0 FLEX	2/0-4 AWG	5/16	0.343	0.875	0.750	2.021	0.811	0.352	Black	I-45	0.562	0.437
CSWS-2/0-38	2/0 AWG	1/0 FLEX	2/0-4 AWG	3/8	0.406	0.875	0.750	2.021	0.811	0.414	Black	I-45	0.562	0.437
CSWS-2/0-12	2/0 AWG	1/0 FLEX	2/0-4 AWG	1/2	0.562	1.250	0.750	2.396	0.811	0.546	Black	I-45	0.562	0.437
CSWS-3/0-10	3/0 AWG	2/0 FLEX	3/0-2 AWG	10	0.219	0.562	0.750	1.751	0.885	0.258	Orange	I-50	0.609	0.484
CSWS-3/0-14	3/0 AWG	2/0 FLEX	3/0-2 AWG	1/4	0.281	0.875	0.750	2.064	0.885	0.320	Orange	I-50	0.609	0.484
CSWS-3/0-516	3/0 AWG	2/0 FLEX	3/0-2 AWG	5/16	0.343	0.875	0.750	2.064	0.885	0.352	Orange	I-50	0.609	0.484
CSWS-3/0-38	3/0 AWG	2/0 FLEX	3/0-2 AWG	3/8	0.406	0.875	0.750	2.064	0.885	0.414	Orange	I-50	0.609	0.484
CSWS-3/0-12	3/0 AWG	2/0 FLEX	3/0-2 AWG	1/2	0.562	1.250	0.750	2.439	0.885	0.546	Orange	I-50	0.609	0.484
CSWS-4/0-14	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/4	0.281	0.875	0.875	2.241	0.999	0.320	Purple	I-54	0.687	0.546
CSWS-4/0-516	4/0 AWG	3/0 FLEX	4/0-1 AWG	5/16	0.343	0.875	0.875	2.241	0.999	0.352	Purple	I-54	0.687	0.546
CSWS-4/0-38	4/0 AWG	3/0 FLEX	4/0-1 AWG	3/8	0.406	0.875	0.875	2.241	0.999	0.414	Purple	I-54	0.687	0.546
CSWS-4/0-12	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/2	0.562	1.250	0.875	2.616	0.999	0.546	Purple	I-54	0.687	0.546
CSWS-250-516	250kcmil	4/0 FLEX	250kcmil - 1/0 AWG	5/16	0.343	0.875	1.063	2.469	1.088	0.352	Yellow	I-62	0.750	0.593
CSWS-250-38	250kcmil	4/0 FLEX	250kcmil - 1/0 AWG	3/8	0.406	0.875	1.063	2.469	1.088	0.414	Yellow	I-62	0.750	0.593
CSWS-250-12	250kcmil	4/0 FLEX	250kcmil - 1/0 AWG	1/2	0.562	1.250	1.063	2.844	1.088	0.546	Yellow	I-62	0.750	0.593
CSWS-300-516	300kcmil	250 G,H FLEX	300kcmil - 2/0 AWG	5/16	0.343	0.875	1.063	2.525	1.189	0.352	White	I-66	0.812	0.660
CSWS-300-38	300kcmil	250 G,H FLEX	300kcmil - 2/0 AWG	3/8	0.406	0.875	1.063	2.525	1.189	0.414	White	I-66	0.812	0.660
CSWS-300-12	300kcmil	250 G,H FLEX	300kcmil - 2/0 AWG	1/2	0.562	1.250	1.063	2.900	1.189	0.546	White	I-66	0.812	0.660
CSWS-300-58	300kcmil	250 G,H FLEX	300kcmil - 2/0 AWG	5/8	0.656	1.437	1.063	3.087	1.189	0.671	White	I-66	0.812	0.660
CSWS-350-38	350kcmil	250 I,K,M FLEX 262.2 DLO	350kcmil - 3/0 AWG	3/8	0.406	0.875	1.063	2.561	1.291	0.414	Red	I-71	0.890	0.703
CSWS-350-12	350kcmil	250 I,K,M FLEX 262.2 DLO	350kcmil - 3/0 AWG	1/2	0.562	1.250	1.063	2.936	1.291	0.546	Red	I-71	0.890	0.703
CSWS-350-58	350kcmil	250 I,K,M FLEX 262.2 DLO	350kcmil - 3/0 AWG	5/8	0.656	1.437	1.063	3.123	1.291	0.671	Red	I-71	0.890	0.703
CSWS-400-38	400kcmil	300 G,H,I,K,M FLEX 313.1 DLO	400kcmil - 4/0 AWG	3/8	0.406	0.875	1.188	2.730	1.365	0.414	Blue	I-76	0.937	0.750
CSWS-400-12	400kcmil	300 G,H,I,K,M FLEX 313.1 DLO	400kcmil - 4/0 AWG	1/2	0.562	1.250	1.188	3.105	1.365	0.546	Blue	I-76	0.937	0.750
CSWS-400-58	400kcmil	300 G,H,I,K,M FLEX 313.1 DLO	400kcmil - 4/0 AWG	5/8	0.656	1.437	1.188	3.292	1.365	0.671	Blue	I-76	0.937	0.750

* When installed with specified dieless tools + See pages 204 to 209 for complete tooling information. For Bent Tangs change the 4th letter to a B and add "-4" for 45 deg. or "-9" for 90 deg.

TYPE CSWS

Features

- Manufactured from high strength seamless copper tubing.
- Electro-Tin plated.
- Maximum conductivity and excellent crimping characteristics.
- Chamfered entry.
- Color coded.
- UL 486A 90°C Listed and CSA Certified for 600 Volts.
- If proper high voltage spacing and insulation techniques are used, may be used for high voltage applications up to 35KV.
- For Copper conductor only.
- IlSCO connectors are UL Listed and CSA Certified with ILSCO and other Manufacturers' tools.+
- UL File E6207



Catalog Number	Wire Size	Alt Wire Size	Expanded* Wire Range	Bolt Size	Stud Hole Dia.	Dimensions					Die Color Code	Die Index	O.D.	I.D.
						A	B	C	D	G				
CSWS-500-12	500kcmil	350 G,H,I,K,M FLEX 373.7 DLO	500kcmil - 250kcmil	1/2	0.562	1.250	1.300	3.282	1.535	0.414	Brown	I-87	1.062	0.828
CSWS-500-38	500kcmil	350 G,H,I,K,M FLEX 373.7 DLO	500kcmil - 250kcmil	3/8	0.406	0.875	1.300	2.907	1.535	0.546	Brown	I-87	1.062	0.828
CSWS-500-58	500kcmil	350 G,H,I,K,M FLEX 373.7 DLO	500kcmil - 250kcmil	5/8	0.656	1.437	1.300	3.469	1.535	0.671	Brown	I-87	1.062	0.828
CSWS-600-38	600kcmil	400 G,H,I,K,M FLEX 444.4 DLO	600kcmil - 250kcmil	3/8	0.406	0.875	1.375	3.059	1.712	0.414	Green	I-94	1.187	0.920
CSWS-600-12	600kcmil	400 G,H,I,K,M FLEX 444.4 DLO	600kcmil - 250kcmil	1/2	0.562	1.250	1.375	3.434	1.712	0.546	Green	I-94	1.187	0.920
CSWS-600-58	600kcmil	400 G,H,I,K,M FLEX 444.4 DLO	600kcmil - 250kcmil	5/8	0.656	1.437	1.375	3.621	1.712	0.671	Green	I-94	1.187	0.920
CSWS-650-516	650kcmil	500 G,H,I,K,M FLEX 535.3 DLO	650kcmil - 350kcmil	1/32	0.343	0.875	1.375	3.119	1.764	0.352	Pink	I-99	1.217	0.958
CSWS-650-38	650kcmil	500 G,H,I,K,M FLEX 535.3 DLO	650kcmil - 350kcmil	3/8	0.406	0.875	1.375	3.119	1.764	0.414	Pink	I-99	1.217	0.958
CSWS-650-12	650kcmil	500 G,H,I,K,M FLEX 535.3 DLO	650kcmil - 350kcmil	1/2	0.562	1.25	1.375	3.494	1.764	0.546	Pink	I-99	1.217	0.958
CSWS-650-58	650kcmil	500 G,H,I,K,M FLEX 535.3 DLO	650kcmil - 350kcmil	5/8	0.656	1.437	1.375	3.681	1.764	0.671	Pink	I-99	1.217	0.958
CSWS-700-38	700kcmil	500 G,H,I,K,M FLEX 535.3 DLO	700kcmil - 350kcmil	3/8	0.406	0.875	1.375	3.119	1.816	0.414	Pink	I-99	1.250	0.991
CSWS-700-12	700kcmil	500 G,H,I,K,M FLEX 535.3 DLO	700kcmil - 350kcmil	1/2	0.562	1.250	1.375	3.494	1.816	0.546	Pink	I-99	1.250	0.991
CSWS-700-58	700kcmil	500 G,H,I,K,M FLEX 535.3 DLO	700kcmil - 350kcmil	5/8	0.656	1.437	1.375	3.681	1.816	0.671	Pink	I-99	1.250	0.991
CSWS-750-38	750kcmil	600 G,H,I,M FLEX 646.4 DLO	750 kcmil - 500kcmil	3/8	0.406	0.875	1.500	3.277	1.901	0.414	Black	I-106	1.313	1.031
CSWS-750-12	750kcmil	600 G,H,I,M FLEX 646.4 DLO	750kcmil - 500kcmil	1/2	0.562	1.250	1.500	3.652	1.901	0.546	Black	I-106	1.313	1.031
CSWS-750-58	750kcmil	600 G,H,I,M FLEX 646.4 DLO	750kcmil - 500kcmil	5/8	0.656	1.437	1.500	3.839	1.901	0.671	Black	I-106	1.313	1.031
CSWS-1000-38	1000kcmil	750 G,H,I FLEX 777.7 DLO	1000kcmil - 750kcmil	3/8	0.406	0.875	1.625	3.525	2.169	0.414	White	I-125	1.500	1.172
CSWS-1000-12	1000kcmil	750 G,H,I FLEX 777.7 DLO	1000kcmil - 750kcmil	1/2	0.562	1.250	1.625	3.900	2.169	0.546	White	I-125	1.500	1.172
CSWS-1000-58	1000kcmil	750 G,H,I FLEX 777.7 DLO	1000kcmil - 750kcmil	5/8	0.656	1.437	1.625	4.087	2.169	0.671	White	I-125	1.500	1.172

* When installed with specified dieless tools

+ See pages 204 to 209 for complete tooling information.

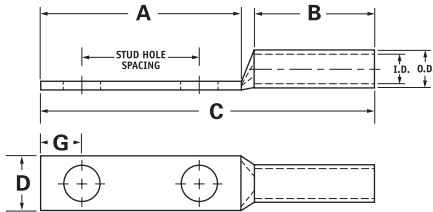
For Bent Tangs change the 4th letter to a B and add "-4" for 45 deg. or "-9" for 90 deg.



TYPE CSWD

Features

- Manufactured from high strength seamless copper tubing.
- Electro-Tin plated.
- Maximum conductivity and excellent crimping characteristics.
- Chamfered entry.
- Color coded.
- UL 486A 90°C Listed and CSA Certified for 600 Volts.
- If proper high voltage spacing and insulation techniques are used, may be used for high voltage applications up to 35KV.
- For Copper conductor only.
- IlSCO connectors are UL Listed and CSA Certified with ILSCO and other Manufacturers' tools.+
- UL File E6207



Catalog Number	Wire Size	Alt Wire Size	Expanded* Wire Range	Bolt Size	Stud Hole Dia.	Stud Hole Spacing	Dimensions					Die Color Code	Die Index	O.D.	I.D.
							A	B	C	D	G				
CSWD-8-10-58	#8 AWG	#8 FLEX	-	10	0.219	0.625	1.250	0.500	1.945	0.374	0.258	Red	I-21	0.272	0.179
CSWD-8-10-34	#8 AWG	#8 FLEX	-	10	0.219	0.750	1.437	0.500	2.132	0.374	0.258	Red	I-21	0.272	0.179
CSWD-8-14-58	#8 AWG	#8 FLEX	-	1/4	0.281	0.625	1.437	0.500	2.132	0.486	0.320	Red	I-21	0.272	0.179
CSWD-8-14-34	#8 AWG	#8 FLEX	-	1/4	0.281	0.750	1.437	0.500	2.132	0.486	0.320	Red	I-21	0.272	0.179
CSWD-8-14-1	#8 AWG	#8 FLEX	-	1/4	0.281	1.000	1.687	0.500	2.382	0.486	0.320	Red	I-21	0.272	0.179
CSWD-8-38-1	#8 AWG	#8 FLEX	-	3/8	0.406	1.000	1.937	0.500	2.632	0.593	0.414	Red	I-21	0.272	0.179
CSWD-6-10-12	#6 AWG	-	-	10	0.219	0.500	1.250	0.500	1.945	0.411	0.258	Blue	I-24	0.295	0.203
CSWD-6-10-58	#6 AWG	-	-	10	0.219	0.625	1.250	0.500	1.945	0.411	0.258	Blue	I-24	0.295	0.203
CSWD-6-10-1116	#6 AWG	-	-	10	0.219	0.687	1.250	0.500	1.945	0.411	0.258	Blue	I-24	0.295	0.203
CSWD-6-10-34	#6 AWG	-	-	10	0.219	0.750	1.437	0.500	2.132	0.411	0.258	Blue	I-24	0.295	0.203
CSWD-6-14-12	#6 AWG	-	-	1/4	0.281	0.500	1.250	0.500	1.945	0.411	0.320	Blue	I-24	0.295	0.203
CSWD-6-14-58	#6 AWG	-	-	1/4	0.281	0.625	1.437	0.500	2.132	0.411	0.320	Blue	I-24	0.295	0.203
CSWD-6-14-34	#6 AWG	-	-	1/4	0.281	0.750	1.437	0.500	2.132	0.411	0.320	Blue	I-24	0.295	0.203
CSWD-6-14-1	#6 AWG	-	-	1/4	0.281	1.000	1.687	0.500	2.382	0.411	0.320	Blue	I-24	0.295	0.203
CSWD-6-516-34	#6 AWG	-	-	5/16	0.343	0.750	1.687	0.500	2.382	0.532	0.352	Blue	I-24	0.295	0.203
CSWD-6-516-1	#6 AWG	-	-	5/16	0.343	1.000	1.937	0.500	2.632	0.532	0.352	Blue	I-24	0.295	0.203
CSWD-6-38-34	#6 AWG	-	-	3/8	0.406	0.750	1.687	0.500	2.382	0.593	0.414	Blue	I-24	0.295	0.203
CSWD-6-38-78	#6 AWG	-	-	3/8	0.406	0.875	1.937	0.500	2.632	0.593	0.414	Blue	I-24	0.295	0.203
CSWD-6-38-1	#6 AWG	-	-	3/8	0.406	1.000	1.937	0.500	2.632	0.593	0.414	Blue	I-24	0.295	0.203
CSWD-6-12-134	#6 AWG	-	-	1/2	0.562	1.750	3.000	0.500	3.695	0.750	0.546	Blue	I-24	0.295	0.203

* When installed with specified dieless tools

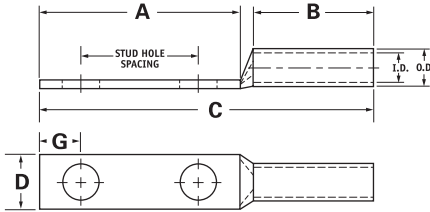
+ See pages 204 to 209 for complete tooling information.

For Bent Tangs change the 4th letter to a B and add "-4" for 45 deg. or "-9" for 90 deg.

TYPE CSWD

Features

- Manufactured from high strength seamless copper tubing.
- Electro-Tin plated.
- Maximum conductivity and excellent crimping characteristics.
- Chamfered entry.
- Color coded.
- UL 486A 90°C Listed and CSA Certified for 600 Volts.
- If proper high voltage spacing and insulation techniques are used, may be used for high voltage applications up to 35KV.
- For Copper conductor only.
- IlSCO connectors are UL Listed and CSA Certified with ILSCO and other Manufacturers' tools.+
- UL File E6207



Catalog Number	Wire Size	Alt Wire Size	Expanded* Wire Range	Bolt Size	Stud Hole Dia.	Stud Hole Spacing	Dimensions					Die Color Code	Die Index	O.D.	I.D.
							A	B	C	D	G				
CSWD-4-10-58	#4 AWG	#6 FLEX	4-6 AWG	10	0.219	0.625	1.250	0.500	1.984	0.486	0.258	Gray	I-29	0.343	0.250
CSWD-4-10-34	#4 AWG	#6 FLEX	4-6 AWG	10	0.219	0.750	1.437	0.500	2.171	0.486	0.258	Gray	I-29	0.343	0.250
CSWD-4-10-1	#4 AWG	#6 FLEX	4-6 AWG	10	0.219	1.000	1.687	0.500	2.421	0.486	0.258	Gray	I-29	0.343	0.250
CSWD-4-14-58	#4 AWG	#6 FLEX	4-6 AWG	1/4	0.281	0.625	1.437	0.500	2.171	0.486	0.320	Gray	I-29	0.343	0.250
CSWD-4-14-34	#4 AWG	#6 FLEX	4-6 AWG	1/4	0.281	0.750	1.437	0.500	2.171	0.486	0.320	Gray	I-29	0.343	0.250
CSWD-4-14-1	#4 AWG	#6 FLEX	4-6 AWG	1/4	0.281	1.000	1.687	0.500	2.421	0.486	0.320	Gray	I-29	0.343	0.250
CSWD-4-516-1	#4 AWG	#6 FLEX	4-6 AWG	1/4	0.343	1.000	1.937	0.500	2.671	0.486	0.320	Gray	I-29	0.343	0.250
CSWD-4-38-34	#4 AWG	#6 FLEX	4-6 AWG	3/8	0.406	0.750	1.687	0.500	2.421	0.593	0.414	Gray	I-29	0.343	0.250
CSWD-4-38-1	#4 AWG	#6 FLEX	4-6 AWG	3/8	0.406	1.000	1.937	0.500	2.671	0.593	0.414	Gray	I-29	0.343	0.250
CSWD-4-12-134	#4 AWG	#6 FLEX	4-6 AWG	1/2	0.562	1.750	3.000	0.500	3.734	0.750	0.546	Gray	I-29	0.343	0.250
CSWD-3-14-58	#3 AWG	#4 FLEX	3-6 AWG	1/4	0.281	0.625	1.437	0.625	2.317	0.532	0.320	White	I-29	0.375	0.275
CSWD-3-14-34	#3 AWG	#4 FLEX	3-6 AWG	1/4	0.281	0.750	1.437	0.625	2.317	0.532	0.320	White	I-29	0.375	0.275
CSWD-3-516-1	#3 AWG	#4 FLEX	3-6 AWG	5/16	0.343	1.000	1.937	0.625	2.817	0.532	0.352	White	I-29	0.375	0.275
CSWD-3-38-34	#3 AWG	#4 FLEX	3-6 AWG	3/8	0.406	0.750	1.687	0.625	2.567	0.593	0.414	White	I-29	0.375	0.275
CSWD-3-38-1	#3 AWG	#4 FLEX	3-6 AWG	3/8	0.406	1.000	1.937	0.625	2.817	0.593	0.414	White	I-29	0.375	0.275
CSWD-3-12-134	#3 AWG	#4 FLEX	3-6 AWG	1/2	0.562	1.750	3.000	0.625	3.880	0.750	0.546	White	I-29	0.375	0.275

* When installed with specified dieless tools

+ See pages 204 to 209 for complete tooling information.

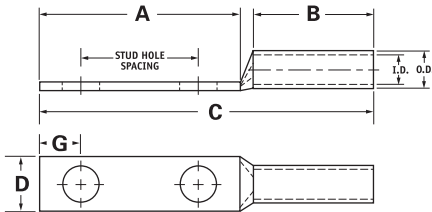
For Bent Tangs change the 4th letter to a B and add "-4" for 45 deg. or "-9" for 90 deg.



TYPE CSWD

Features

- Manufactured from high strength seamless copper tubing.
- Electro-Tin plated.
- Maximum conductivity and excellent crimping characteristics.
- Chamfered entry.
- Color coded.
- UL 486A 90°C Listed and CSA Certified for 600 Volts.
- If proper high voltage spacing and insulation techniques are used, may be used for high voltage applications up to 35KV.
- For Copper conductor only.
- IlSCO connectors are UL Listed and CSA Certified with ILSCO and other Manufacturers' tools.†
- UL File E6207



Catalog Number	Wire Size	Alt Wire Size	Expanded* Wire Range	Bolt Size	Stud Hole Dia.	Stud Hole Spacing	Dimensions					Die Color Code	Die Index	O.D.	I.D.
							A	B	C	D	G				
CSWD-2-10-34	#2 AWG	-	2-6 AWG	10	0.219	0.750	1.437	0.625	2.348	0.599	0.258	Brown	I-33	0.421	0.312
CSWD-2-14-58	#2 AWG	-	2-6 AWG	1/4	0.281	0.625	1.437	0.625	2.348	0.599	0.320	Brown	I-33	0.421	0.312
CSWD-2-14-34	#2 AWG	-	2-6 AWG	1/4	0.281	0.750	1.437	0.625	2.348	0.599	0.320	Brown	I-33	0.421	0.312
CSWD-2-14-1	#2 AWG	-	2-6 AWG	1/4	0.281	1.000	1.687	0.625	2.598	0.599	0.320	Brown	I-33	0.421	0.312
CSWD-2-516-34	#2 AWG	-	2-6 AWG	5/16	0.343	0.750	1.687	0.625	2.598	0.599	0.352	Brown	I-33	0.421	0.312
CSWD-2-516-1	#2 AWG	-	2-6 AWG	5/16	0.343	1.000	1.937	0.625	2.848	0.599	0.352	Brown	I-33	0.421	0.312
CSWD-2-38-34	#2 AWG	-	2-6 AWG	3/8	0.406	0.750	1.687	0.625	2.598	0.599	0.414	Brown	I-33	0.421	0.312
CSWD-2-38-78	#2 AWG	-	2-6 AWG	3/8	0.406	0.875	1.937	0.625	2.848	0.599	0.414	Brown	I-33	0.421	0.312
CSWD-2-38-1	#2 AWG	-	2-6 AWG	3/8	0.406	1.000	1.937	0.625	2.848	0.599	0.414	Brown	I-33	0.421	0.312
CSWD-2-38-134	#2 AWG	-	2-6 AWG	3/8	0.406	1.750	2.625	0.625	3.536	0.599	0.414	Brown	I-33	0.421	0.312
CSWD-2-12-134	#2 AWG	-	2-6 AWG	1/2	0.562	1.750	3.000	0.625	3.911	0.750	0.546	Brown	I-33	0.421	0.312
CSWD-1-14-58	#1 AWG	#2 FLEX	1-6 AWG	1/4	0.281	0.625	1.437	0.625	2.392	0.673	0.320	Green	I-37	0.468	0.359
CSWD-1-14-34	#1 AWG	#2 FLEX	1-6 AWG	1/4	0.281	0.750	1.437	0.625	2.392	0.673	0.320	Green	I-37	0.468	0.359
CSWD-1-14-1	#1 AWG	#2 FLEX	1-6 AWG	1/4	0.281	1.000	1.687	0.625	2.642	0.673	0.320	Green	I-37	0.468	0.359
CSWD-1-516-78	#1 AWG	#2 FLEX	1-6 AWG	5/16	0.343	0.875	1.687	0.625	2.642	0.673	0.352	Green	I-37	0.468	0.359
CSWD-1-516-1	#1 AWG	#2 FLEX	1-6 AWG	5/16	0.343	1.000	1.937	0.625	2.892	0.673	0.352	Green	I-37	0.468	0.359
CSWD-1-38-1	#1 AWG	#2 FLEX	1-6 AWG	3/8	0.406	1.000	1.937	0.625	2.892	0.673	0.414	Green	I-37	0.468	0.359
CSWD-1-12-134	#1 AWG	#2 FLEX	1-6 AWG	1/2	0.562	1.750	3.000	0.625	3.955	0.750	0.546	Green	I-37	0.468	0.359
CSWD-1/0-14-58	1/0 AWG	#1 FLEX	1/0-6 AWG	1/4	0.281	0.625	1.437	0.750	2.543	0.738	0.320	Pink	I-42	0.515	0.390
CSWD-1/0-14-34	1/0 AWG	#1 FLEX	1/0-6 AWG	1/4	0.281	0.750	1.437	0.750	2.543	0.738	0.320	Pink	I-42	0.515	0.390
CSWD-1/0-14-1	1/0 AWG	#1 FLEX	1/0-6 AWG	1/4	0.281	1.000	1.687	0.750	2.793	0.738	0.320	Pink	I-42	0.515	0.390
CSWD-1/0-516-34	1/0 AWG	#1 FLEX	1/0-6 AWG	5/16	0.343	0.750	1.687	0.750	2.793	0.738	0.352	Pink	I-42	0.515	0.390
CSWD-1/0-516-78	1/0 AWG	#1 FLEX	1/0-6 AWG	5/16	0.343	0.875	1.687	0.750	2.793	0.738	0.352	Pink	I-42	0.515	0.390
CSWD-1/0-516-1	1/0 AWG	#1 FLEX	1/0-6 AWG	5/16	0.343	1.000	1.937	0.750	3.043	0.738	0.352	Pink	I-42	0.515	0.390
CSWD-1/0-38-1	1/0 AWG	#1 FLEX	1/0-6 AWG	3/8	0.406	1.000	1.937	0.750	3.043	0.738	0.414	Pink	I-42	0.515	0.390
CSWD-1/0-38-134	1/0 AWG	#1 FLEX	1/0-6 AWG	3/8	0.406	1.750	2.625	0.750	3.731	0.738	0.414	Pink	I-42	0.515	0.390
CSWD-1/0-12-1	1/0 AWG	#1 FLEX	1/0-6 AWG	1/2	0.562	1.000	2.125	0.750	3.231	0.738	0.546	Pink	I-42	0.515	0.390
CSWD-1/0-12-134	1/0 AWG	#1 FLEX	1/0-6 AWG	1/2	0.562	1.750	3.000	0.750	4.106	0.738	0.546	Pink	I-42	0.515	0.390

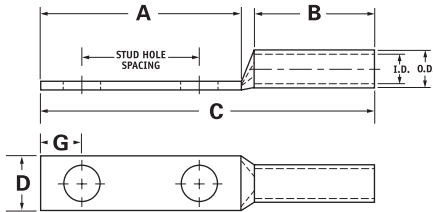
* When installed with specified dieless tools + See pages 204 to 209 for complete tooling information.

For Bent Tangs change the 4th letter to a B and add "-4" for 45 deg. or "-9" for 90 deg.

TYPE CSWD

Features

- Manufactured from high strength seamless copper tubing.
- Electro-Tin plated.
- Maximum conductivity and excellent crimping characteristics.
- Chamfered entry.
- Color coded.
- UL 486A 90°C Listed and CSA Certified for 600 Volts.
- If proper high voltage spacing and insulation techniques are used, may be used for high voltage applications up to 35KV.
- For Copper conductor only.
- IlSCO connectors are UL Listed and CSA Certified with ILSCO and other Manufacturers' tools.+
- UL File E6207



Catalog Number	Wire Size	Alt Wire Size	Expanded* Wire Range	Bolt Size	Stud Hole Dia.	Stud Hole Spacing	Dimensions					Die Color Code	Die Index	O.D.	I.D.
							A	B	C	D	G				
CSWD-2/0-14-58	2/0 AWG	1/0 FLEX	2/0-4 AWG	1/4	0.281	0.625	1.437	0.750	2.583	0.811	0.320	Black	I-45	0.562	0.437
CSWD-2/0-14-34	2/0 AWG	1/0 FLEX	2/0-4 AWG	1/4	0.281	0.750	1.437	0.750	2.583	0.811	0.320	Black	I-45	0.562	0.437
CSWD-2/0-14-1	2/0 AWG	1/0 FLEX	2/0-4 AWG	1/4	0.281	1.000	1.687	0.750	2.833	0.811	0.320	Black	I-45	0.562	0.437
CSWD-2/0-516-78	2/0 AWG	1/0 FLEX	2/0-4 AWG	5/16	0.343	0.875	1.687	0.750	2.833	0.811	0.352	Black	I-45	0.562	0.437
CSWD-2/0-516-1	2/0 AWG	1/0 FLEX	2/0-4 AWG	5/16	0.343	1.000	1.937	0.750	3.083	0.811	0.352	Black	I-45	0.562	0.437
CSWD-2/0-38-1	2/0 AWG	1/0 FLEX	2/0-4 AWG	3/8	0.406	1.000	1.937	0.750	3.083	0.811	0.414	Black	I-45	0.562	0.437
CSWD-2/0-38-134	2/0 AWG	1/0 FLEX	2/0-4 AWG	3/8	0.406	1.750	2.625	0.750	3.771	0.811	0.414	Black	I-45	0.562	0.437
CSWD-2/0-12-1	2/0 AWG	1/0 FLEX	2/0-4 AWG	1/2	0.562	1.000	2.125	0.750	3.271	0.811	0.546	Black	I-45	0.562	0.437
CSWD-2/0-12-134	2/0 AWG	1/0 FLEX	2/0-4 AWG	1/2	0.562	1.750	3.000	0.750	4.146	0.811	0.546	Black	I-45	0.562	0.437
CSWD-3/0-14-58	3/0 AWG	2/0 FLEX	3/0-2 AWG	1/4	0.281	0.625	1.437	0.750	2.626	0.885	0.320	Orange	I-50	0.609	0.484
CSWD-3/0-14-34	3/0 AWG	2/0 FLEX	3/0-2 AWG	1/4	0.281	0.750	1.437	0.750	2.626	0.885	0.320	Orange	I-50	0.609	0.484
CSWD-3/0-516-1	3/0 AWG	2/0 FLEX	3/0-2 AWG	5/16	0.343	1.000	1.937	0.750	3.126	0.885	0.352	Orange	I-50	0.609	0.484
CSWD-3/0-38-1	3/0 AWG	2/0 FLEX	3/0-2 AWG	3/8	0.406	1.000	1.937	0.750	3.126	0.885	0.414	Orange	I-50	0.609	0.484
CSWD-3/0-12-134	3/0 AWG	2/0 FLEX	3/0-2 AWG	1/2	0.562	1.750	3.000	0.750	4.189	0.885	0.546	Orange	I-50	0.609	0.484
CSWD-4/0-14-58	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/4	0.281	0.625	1.437	0.875	2.803	0.999	0.320	Purple	I-54	0.687	0.546
CSWD-4/0-14-34	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/4	0.281	0.750	1.437	0.875	2.803	0.999	0.320	Purple	I-54	0.687	0.546
CSWD-4/0-14-1	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/4	0.281	1.000	1.687	0.875	3.053	0.999	0.320	Purple	I-54	0.687	0.546
CSWD-4/0-516-34	4/0 AWG	3/0 FLEX	4/0-1 AWG	5/16	0.343	0.750	1.687	0.875	3.053	0.999	0.352	Purple	I-54	0.687	0.546
CSWD-4/0-516-1	4/0 AWG	3/0 FLEX	4/0-1 AWG	5/16	0.343	1.000	1.937	0.875	3.303	0.999	0.352	Purple	I-54	0.687	0.546
CSWD-4/0-516-134	4/0 AWG	3/0 FLEX	4/0-1 AWG	5/16	0.343	1.750	2.500	0.875	3.866	0.999	0.352	Purple	I-54	0.687	0.546
CSWD-4/0-38-1	4/0 AWG	3/0 FLEX	4/0-1 AWG	3/8	0.406	1.000	1.937	0.875	3.303	0.999	0.414	Purple	I-54	0.687	0.546
CSWD-4/0-38-134	4/0 AWG	3/0 FLEX	4/0-1 AWG	3/8	0.406	1.750	2.625	0.875	3.991	0.999	0.414	Purple	I-54	0.687	0.546
CSWD-4/0-12-1	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/2	0.562	1.000	2.125	0.875	3.491	0.999	0.546	Purple	I-54	0.687	0.546
CSWD-4/0-12-114	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/2	0.562	1.250	2.500	0.875	3.866	0.999	0.546	Purple	I-54	0.687	0.546
CSWD-4/0-12-134	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/2	0.562	1.750	3.000	0.875	4.366	0.999	0.546	Purple	I-54	0.687	0.546

* When installed with specified dieless tools

+ See pages 204 to 209 for complete tooling information.

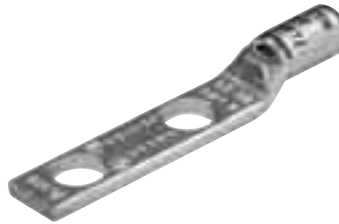
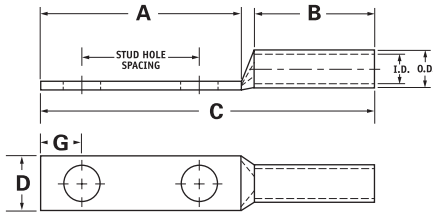
For Bent Tangs change the 4th letter to a B and add "-4" for 45 deg. or "-9" for 90 deg.



TYPE CSWD

Features

- Manufactured from high strength seamless copper tubing.
- Electro-Tin plated.
- Maximum conductivity and excellent crimping characteristics.
- Chamfered entry.
- Color coded.
- UL 486A 90°C Listed and CSA Certified for 600 Volts.
- If proper high voltage spacing and insulation techniques are used, may be used for high voltage applications up to 35KV.
- For Copper conductor only.
- IlSCO connectors are UL Listed and CSA Certified with ILSCO and other Manufacturers' tools.+
- UL File E6207



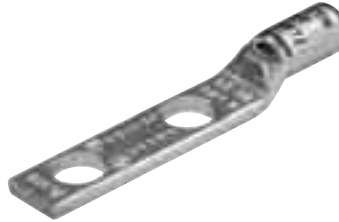
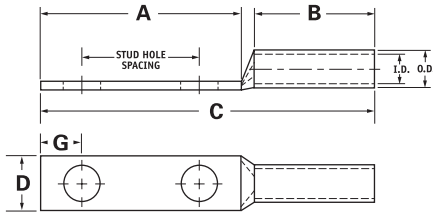
Catalog Number	Wire Size	Alt Wire Size	Expanded* Wire Range	Bolt Size	Stud Hole Dia.	Stud Hole Spacing	Dimensions					Die Color Code	Die Index	O.D.	I.D.
							A	B	C	D	G				
CSWD-250-14-34	250kcmil	4/0 FLEX	250kcmil - 1/0 AWG	1/4	0.281	0.750	1.437	1.063	3.031	1.088	0.320	Yellow	I-62	0.750	0.593
CSWD-250-38-1	250kcmil	4/0 FLEX	250kcmil - 1/0 AWG	3/8	0.406	1.00	1.937	1.063	3.531	1.088	0.414	Yellow	I-62	0.750	0.593
CSWD-250-38-134	250kcmil	4/0 FLEX	250kcmil - 1/0 AWG	3/8	0.406	1.750	2.625	1.063	4.219	1.088	0.414	Yellow	I-62	0.750	0.593
CSWD-250-12-114	250kcmil	4/0 FLEX	250kcmil - 1/0 AWG	1/2	0.562	1.250	2.500	1.063	4.094	1.088	0.546	Yellow	I-62	0.750	0.593
CSWD-250-12-134	250kcmil	4/0 FLEX	250kcmil - 1/0 AWG	1/2	0.562	1.750	3.000	1.063	4.594	1.088	0.546	Yellow	I-62	0.750	0.593
CSWD-300-38-1	300kcmil	250 G,H FLEX	300kcmil - 2/0 AWG	3/8	0.406	1.000	1.937	1.063	3.587	1.189	0.414	White	I-66	0.812	0.660
CSWD-300-12-134	300kcmil	250 G,H FLEX	300kcmil - 2/0 AWG	1/2	0.562	1.750	3.000	1.063	4.650	1.189	0.546	White	I-66	0.812	0.660
CSWD-350-14-34	350kcmil	250 I,K,M FLEX 262.2 DLO	350kcmil - 3/0 AWG	1/4	0.281	0.750	1.437	1.063	3.123	1.291	0.320	Red	I-71	0.890	0.703
CSWD-350-516-134	350kcmil	250 I,K,M FLEX 262.2 DLO	350kcmil - 3/0 AWG	5/16	0.343	1.750	2.500	1.063	4.186	1.291	0.352	Red	I-71	0.890	0.703
CSWD-350-38-1	350kcmil	250 I,K,M FLEX 262.2 DLO	350kcmil - 3/0 AWG	3/8	0.406	1.000	1.937	1.063	3.623	1.291	0.414	Red	I-71	0.890	0.703
CSWD-350-12-114	350kcmil	250 I,K,M FLEX 262.2 DLO	350kcmil - 3/0 AWG	1/2	0.562	1.250	2.500	1.063	4.186	1.291	0.546	Red	I-71	0.890	0.703
CSWD-350-12-134	350kcmil	250 I,K,M FLEX 262.2 DLO	350kcmil - 3/0 AWG	1/2	0.562	1.750	3.000	1.063	4.686	1.291	0.546	Red	I-71	0.890	0.703
CSWD-400-38-1	400kcmil	300 G,H,I,K,M FLEX 313.1 DLO	400kcmil - 4/0 AWG	3/8	0.406	1.000	1.937	1.188	3.792	1.365	0.414	Blue	I-76	0.937	0.750
CSWD-400-38-116	400kcmil	300 G,H,I,K,M FLEX 313.1 DLO	400kcmil - 4/0 AWG	3/8	0.406	1.062	1.937	1.188	3.792	1.365	0.414	Blue	I-76	0.937	0.750
CSWD-400-12-134	400kcmil	300 G,H,I,K,M FLEX 313.1 DLO	400kcmil - 4/0 AWG	1/2	0.562	1.750	3.000	1.188	4.855	1.365	0.546	Blue	I-76	0.937	0.750
CSWD-500-14-34	500kcmil	350 G,H,I,K,M FLEX 373.7 DLO	500kcmil - 250kcmil	1/4	0.281	0.750	1.437	1.300	3.469	1.535	0.320	Brown	I-87	1.062	0.828
CSWD-500-38-1	500kcmil	350 G,H,I,K,M FLEX 373.7 DLO	500kcmil - 250kcmil	3/8	0.406	1.000	1.937	1.300	3.969	1.535	0.414	Brown	I-87	1.062	0.828
CSWD-500-12-114	500kcmil	350 G,H,I,K,M FLEX 373.7 DLO	500kcmil - 250kcmil	1/2	0.562	1.250	2.500	1.300	4.532	1.535	0.546	Brown	I-87	1.062	0.828
CSWD-500-12-134	500kcmil	350 G,H,I,K,M FLEX 373.7 DLO	500kcmil - 250kcmil	1/2	0.562	1.750	3.000	1.300	5.032	1.535	0.546	Brown	I-87	1.062	0.828

* When installed with specified dieless tools + See pages 204 to 209 for complete tooling information.
For Bent Tangs change the 4th letter to a B and add "-4" for 45 deg. or "-9" for 90 deg.

TYPE CSWD

Features

- Manufactured from high strength seamless copper tubing.
- Electro-Tin plated.
- Maximum conductivity and excellent crimping characteristics.
- Chamfered entry.
- Color coded.
- UL 486A 90°C Listed and CSA Certified for 600 Volts.
- If proper high voltage spacing and insulation techniques are used, may be used for high voltage applications up to 35KV.
- For Copper conductor only.
- IlSCO connectors are UL Listed and CSA Certified with ILSCO and other Manufacturers' tools.+
- UL File E6207



Catalog Number	Wire Size	Alt Wire Size	Expanded* Wire Range	Bolt Size	Stud Hole Dia.	Stud Hole Spacing	Dimensions					Die Color Code	Die Index	O.D.	I.D.
							A	B	C	D	G				
CSWD-600-38-1	600kcmil	400 G,H,I,K,M FLEX 444.4 DLO	600kcmil - 250kcmil	3/8	0.406	1.000	1.937	1.375	4.121	1.712	0.414	Green	I-94	1.187	0.920
CSWD-600-12-134	600kcmil	400 G,H,I,K,M FLEX 444.4 DLO	600kcmil - 250kcmil	1/2	0.562	1.750	3.000	1.375	5.184	1.712	0.546	Green	I-94	1.187	0.920
CSWD-650-12-134	650kcmil	500 G,H,I,K,M FLEX 535.3 DLO	650kcmil - 350kcmil	1/2	0.562	1.75	3	1.375	5.244	1.764	0.546	Pink	I-99	1.217	0.958
CSWD-650-12-114	650kcmil	500 G,H,I,K,M FLEX 535.3 DLO	650kcmil - 350kcmil	1/2	0.562	1.25	2.5	1.375	4.744	1.764	0.546	Pink	I-99	1.217	0.958
CSWD-650-38-1	650kcmil	500 G,H,I,K,M FLEX 535.3 DLO	650kcmil - 350kcmil	3/8	0.406	1	1.937	1.375	4.181	1.764	0.414	Pink	I-99	1.217	0.958
CSWD-650-38-118	650kcmil	500 G,H,I,K,M FLEX 535.3 DLO	650kcmil - 350kcmil	3/8	0.406	1.125	2.125	1.375	4.369	1.764	0.414	Pink	I-99	1.217	0.958
CSWD-650-516-1	650kcmil	500 G,H,I,K,M FLEX 535.3 DLO	650kcmil - 350kcmil	1/32	0.343	1	1.937	1.375	4.181	1.764	0.352	Pink	I-99	1.217	0.958
CSWD-700-38-1	700kcmil	500 G,H,I,K,M FLEX 535.3 DLO	700kcmil - 350kcmil	3/8	0.406	1.000	1.937	1.375	4.181	1.816	0.414	Pink	I-99	1.250	0.991
CSWD-700-12-114	700kcmil	500 G,H,I,K,M FLEX 535.3 DLO	700kcmil - 350kcmil	1/2	0.562	1.250	2.500	1.375	4.744	1.816	0.546	Pink	I-99	1.250	0.991
CSWD-700-12-134	700kcmil	500 G,H,I,K,M FLEX 535.3 DLO	700kcmil - 350kcmil	1/2	0.562	1.750	3.000	1.375	5.244	1.816	0.546	Pink	I-99	1.250	0.991
CSWD-700-12-178	700kcmil	500 G,H,I,K,M FLEX 535.3 DLO	700kcmil - 350kcmil	1/2	0.562	1.875	3.000	1.375	5.244	1.816	0.546	Pink	I-99	1.250	0.991
CSWD-750-38-1	750kcmil	600 G,H,I,M FLEX 646.4 DLO	750kcmil - 500kcmil	3/8	0.406	1.000	1.937	1.500	4.339	1.901	0.414	Black	I-106	1.313	1.031
CSWD-750-38-118	750kcmil	600 G,H,I,M FLEX 646.4 DLO	750kcmil - 500kcmil	3/8	0.406	1.125	2.125	1.500	4.527	1.901	0.414	Black	I-106	1.313	1.031
CSWD-750-12-112	750kcmil	600 G,H,I,M FLEX 646.4 DLO	750kcmil - 500kcmil	1/2	0.562	1.500	2.625	1.500	5.027	1.901	0.546	Black	I-106	1.313	1.031
CSWD-750-12-134	750kcmil	600 G,H,I,M FLEX 646.4 DLO	750kcmil - 500kcmil	1/2	0.562	1.750	3.000	1.500	5.402	1.901	0.546	Black	I-106	1.313	1.031
CSWD-750-58-112	750kcmil	600 G,H,I,M FLEX 646.4 DLO	750kcmil - 500kcmil	5/8	0.562	1.500	3.000	1.500	5.402	1.901	0.671	Black	I-106	1.313	1.031
CSWD-1000-38-1	1000kcmil	750 G,H,I FLEX 777.7 DLO	1000kcmil - 750kcmil	3/8	0.406	1.000	1.937	1.625	4.587	2.169	0.414	White	I-125	1.500	1.172
CSWD-1000-12-114	1000kcmil	750 G,H,I FLEX 777.7 DLO	1000kcmil - 750kcmil	1/2	0.562	1.250	2.500	1.625	5.150	2.169	0.546	White	I-125	1.500	1.172
CSWD-1000-12-134	1000kcmil	750 G,H,I FLEX 777.7 DLO	1000kcmil - 750kcmil	1/2	0.562	1.750	3.000	1.625	5.650	2.169	0.546	White	I-125	1.500	1.172
CSWD-1000-58-112	1000kcmil	750 G,H,I FLEX 777.7 DLO	1000kcmil - 750kcmil	5/8	0.562	1.500	3.000	1.625	5.650	2.169	0.671	White	I-125	1.500	1.172

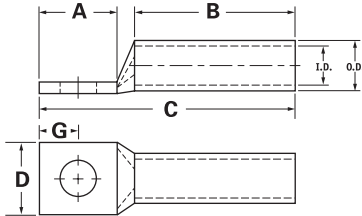
* When installed with specified dieless tools + See pages 204 to 209 for complete tooling information. For Bent Tangs change the 4th letter to a B and add "-4" for 45 deg. or "-9" for 90 deg.



TYPE CLWS

Features

- Manufactured from high strength seamless copper tubing.
- Electro-Tin plated.
- Maximum conductivity and excellent crimping characteristics.
- Long barrel length with chamfered entry.
- Color coded.
- UL 486A 90°C Listed and CSA Certified for 600 Volts.
- If proper high voltage spacing and insulation techniques are used, may be used for high voltage applications up to 35KV.
- For Copper conductor only.
- IlSCO connectors are UL Listed and CSA Certified with ILSCO and other Manufacturers' tools.†
- UL File E6207



Catalog Number	Wire Size	Alt Wire Size	Expanded* Wire Range	Bolt Size	Stud Hole Dia.	Dimensions					Die Color Code	Die Index	O.D.	I.D.
						A	B	C	D	G				
CLWS-8-10	#8 AWG	#8 FLEX	-	10	0.219	0.562	0.812	1.569	0.374	0.258	Red	I-21	0.272	0.179
CLWS-8-14	#8 AWG	#8 FLEX	-	1/4	0.281	0.680	0.812	1.687	0.486	0.320	Red	I-21	0.272	0.179
CLWS-8-516	#8 AWG	#8 FLEX	-	5/16	0.343	0.875	0.812	1.882	0.532	0.352	Red	I-21	0.272	0.179
CLWS-8-38	#8 AWG	#8 FLEX	-	3/8	0.406	0.875	0.812	1.882	0.593	0.414	Red	I-21	0.272	0.179
CLWS-6-10	#6 AWG	-	-	10	0.219	0.562	1.125	1.882	0.411	0.258	Blue	I-24	0.295	0.203
CLWS-6-14	#6 AWG	-	-	1/4	0.281	0.680	1.125	2.000	0.411	0.320	Blue	I-24	0.295	0.203
CLWS-6-516	#6 AWG	-	-	5/16	0.343	0.875	1.125	2.195	0.532	0.352	Blue	I-24	0.295	0.203
CLWS-6-38	#6 AWG	-	-	3/8	0.406	0.875	1.125	2.195	0.593	0.414	Blue	I-24	0.295	0.203
CLWS-6-12	#6 AWG	-	-	1/2	0.562	1.250	1.125	2.570	0.750	0.546	Blue	I-24	0.295	0.203
CLWS-6-34	#6 AWG	-	-	3/4	0.781	1.687	1.125	3.007	0.411	0.750	Blue	I-24	0.295	0.203
CLWS-4-10	#4 AWG	#6 FLEX	4-6 AWG	10	0.219	0.562	1.125	1.921	0.486	0.258	Gray	I-29	0.343	0.250
CLWS-4-14	#4 AWG	#6 FLEX	4-6 AWG	1/4	0.281	0.680	1.125	2.039	0.486	0.320	Gray	I-29	0.343	0.250
CLWS-4-516	#4 AWG	#6 FLEX	4-6 AWG	5/16	0.343	0.875	1.125	2.234	0.486	0.352	Gray	I-29	0.343	0.250
CLWS-4-38	#4 AWG	#6 FLEX	4-6 AWG	3/8	0.406	0.875	1.125	2.234	0.593	0.414	Gray	I-29	0.343	0.250
CLWS-4-12	#4 AWG	#6 FLEX	4-6 AWG	1/2	0.562	1.250	1.125	2.609	0.750	0.546	Gray	I-29	0.343	0.250
CLWS-3-10	#3 AWG	#4 FLEX	3-6 AWG	10	0.219	0.562	1.125	1.942	0.532	0.258	White	I-29	0.375	0.275
CLWS-3-14	#3 AWG	#4 FLEX	3-6 AWG	1/4	0.281	0.680	1.125	2.060	0.532	0.320	White	I-29	0.375	0.275
CLWS-3-516	#3 AWG	#4 FLEX	3-6 AWG	5/16	0.343	0.875	1.125	2.255	0.532	0.352	White	I-29	0.375	0.275
CLWS-3-38	#3 AWG	#4 FLEX	3-6 AWG	3/8	0.406	0.875	1.125	2.255	0.593	0.414	White	I-29	0.375	0.275
CLWS-3-12	#3 AWG	#4 FLEX	3-6 AWG	1/2	0.562	1.250	1.125	2.630	0.750	0.546	White	I-29	0.375	0.275
CLWS-2-10	#2 AWG	-	2-6 AWG	10	0.219	0.562	1.125	1.973	0.599	0.258	Brown	I-33	0.421	0.312
CLWS-2-14	#2 AWG	-	2-6 AWG	1/4	0.281	0.680	1.125	2.091	0.599	0.320	Brown	I-33	0.421	0.312
CLWS-2-516	#2 AWG	-	2-6 AWG	5/16	0.343	0.875	1.125	2.286	0.599	0.352	Brown	I-33	0.421	0.312
CLWS-2-38	#2 AWG	-	2-6 AWG	3/8	0.406	0.875	1.125	2.286	0.599	0.414	Brown	I-33	0.421	0.312
CLWS-2-12	#2 AWG	-	2-6 AWG	1/2	0.562	1.250	1.125	2.661	0.750	0.546	Brown	I-33	0.421	0.312
CLWS-1-10	#1 AWG	#2 FLEX	1-6 AWG	10	0.219	0.562	1.375	2.267	0.673	0.258	Green	I-37	0.468	0.359
CLWS-1-14	#1 AWG	#2 FLEX	1-6 AWG	1/4	0.281	0.875	1.375	2.580	0.673	0.320	Green	I-37	0.468	0.359
CLWS-1-516	#1 AWG	#2 FLEX	1-6 AWG	5/16	0.343	0.875	1.375	2.580	0.673	0.352	Green	I-37	0.468	0.359
CLWS-1-38	#1 AWG	#2 FLEX	1-6 AWG	3/8	0.406	0.875	1.375	2.580	0.673	0.414	Green	I-37	0.468	0.359
CLWS-1-12	#1 AWG	#2 FLEX	1-6 AWG	1/2	0.562	1.250	1.375	2.955	0.750	0.546	Green	I-37	0.468	0.359

* When installed with specified dieless tools

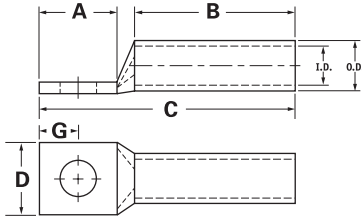
† See pages 204 to 209 for complete tooling information.

For Bent Tangs change the 4th letter to a B and add "-4" for 45 deg. or "-9" for 90 deg.

TYPE CLWS

Features

- Manufactured from high strength seamless copper tubing.
- Electro-Tin plated.
- Maximum conductivity and excellent crimping characteristics.
- Long barrel length with chamfered entry.
- Color coded.
- UL 486A 90°C Listed and CSA Certified for 600 Volts.
- If proper high voltage spacing and insulation techniques are used, may be used for high voltage applications up to 35KV.
- For Copper conductor only.
- IlSCO connectors are UL Listed and CSA Certified with ILSCO and other Manufacturers' tools.†
- UL File E6207



Catalog Number	Wire Size	Alt Wire Size	Expanded* Wire Range	Bolt Size	Stud Hole Dia.	Dimensions					Die Color Code	Die Index	O.D.	I.D.
						A	B	C	D	G				
CLWS-1/0-10	1/0 AWG	#1 FLEX	1/0-6 AWG	10	0.219	0.562	1.500	2.418	0.738	0.258	Pink	I-42	0.515	0.390
CLWS-1/0-14	1/0 AWG	#1 FLEX	1/0-6 AWG	1/4	0.281	0.875	1.500	2.731	0.738	0.320	Pink	I-42	0.515	0.390
CLWS-1/0-516	1/0 AWG	#1 FLEX	1/0-6 AWG	5/16	0.343	0.875	1.500	2.731	0.738	0.352	Pink	I-42	0.515	0.390
CLWS-1/0-38	1/0 AWG	#1 FLEX	1/0-6 AWG	3/8	0.406	0.875	1.500	2.731	0.738	0.414	Pink	I-42	0.515	0.390
CLWS-1/0-12	1/0 AWG	#1 FLEX	1/0-6 AWG	1/2	0.562	1.250	1.500	3.106	0.738	0.546	Pink	I-42	0.515	0.390
CLWS-2/0-10	2/0 AWG	1/0 FLEX	2/0-4 AWG	10	0.219	0.562	1.500	2.458	0.811	0.258	Black	I-45	0.562	0.437
CLWS-2/0-14	2/0 AWG	1/0 FLEX	2/0-4 AWG	1/4	0.281	0.875	1.500	2.771	0.811	0.320	Black	I-45	0.562	0.437
CLWS-2/0-516	2/0 AWG	1/0 FLEX	2/0-4 AWG	5/16	0.343	0.875	1.500	2.771	0.811	0.352	Black	I-45	0.562	0.437
CLWS-2/0-38	2/0 AWG	1/0 FLEX	2/0-4 AWG	3/8	0.406	0.875	1.500	2.771	0.811	0.414	Black	I-45	0.562	0.437
CLWS-2/0-12	2/0 AWG	1/0 FLEX	2/0-4 AWG	1/2	0.562	1.250	1.500	3.146	0.811	0.546	Black	I-45	0.562	0.437
CLWS-3/0-10	3/0 AWG	2/0 FLEX	3/0-2 AWG	10	0.219	0.562	1.500	2.501	0.885	0.258	Orange	I-50	0.609	0.484
CLWS-3/0-14	3/0 AWG	2/0 FLEX	3/0-2 AWG	1/4	0.281	0.875	1.500	2.814	0.885	0.320	Orange	I-50	0.609	0.484
CLWS-3/0-516	3/0 AWG	2/0 FLEX	3/0-2 AWG	5/16	0.343	0.875	1.500	2.814	0.885	0.352	Orange	I-50	0.609	0.484
CLWS-3/0-38	3/0 AWG	2/0 FLEX	3/0-2 AWG	3/8	0.406	0.875	1.500	2.814	0.885	0.414	Orange	I-50	0.609	0.484
CLWS-3/0-12	3/0 AWG	2/0 FLEX	3/0-2 AWG	1/2	0.562	1.250	1.500	3.189	0.885	0.546	Orange	I-50	0.609	0.484
CLWS-4/0-14	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/4	0.281	0.875	1.500	2.866	0.999	0.320	Purple	I-54	0.687	0.546
CLWS-4/0-516	4/0 AWG	3/0 FLEX	4/0-1 AWG	5/16	0.343	0.875	1.500	2.866	0.999	0.352	Purple	I-54	0.687	0.546
CLWS-4/0-38	4/0 AWG	3/0 FLEX	4/0-1 AWG	3/8	0.406	0.875	1.500	2.866	0.999	0.414	Purple	I-54	0.687	0.546
CLWS-4/0-12	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/2	0.562	1.250	1.500	3.241	0.999	0.546	Purple	I-54	0.687	0.546
CLWS-250-516	250kcmil	4/0 FLEX	250kcmil - 1/0 AWG	5/16	0.343	0.875	1.688	3.094	1.088	0.352	Yellow	I-62	0.750	0.593
CLWS-250-38	250kcmil	4/0 FLEX	250kcmil - 1/0 AWG	3/8	0.406	0.875	1.688	3.094	1.088	0.414	Yellow	I-62	0.750	0.593
CLWS-250-12	250kcmil	4/0 FLEX	250kcmil - 1/0 AWG	1/2	0.562	1.250	1.688	3.469	1.088	0.546	Yellow	I-62	0.750	0.593
CLWS-300-516	300kcmil	250 G,H FLEX	300kcmil - 2/0 AWG	5/16	0.343	0.875	2.000	3.462	1.189	0.352	White	I-66	0.812	0.660
CLWS-300-38	300kcmil	250 G,H FLEX	300kcmil - 2/0 AWG	3/8	0.406	0.875	2.000	3.462	1.189	0.414	White	I-66	0.812	0.660
CLWS-300-12	300kcmil	250 G,H FLEX	300kcmil - 2/0 AWG	1/2	0.562	1.250	2.000	3.837	1.189	0.546	White	I-66	0.812	0.660
CLWS-350-38	350kcmil	250 I,K,M FLEX 262.2 DLO	350kcmil - 3/0 AWG	3/8	0.406	0.875	2.000	3.498	1.291	0.414	Red	I-71	0.890	0.703
CLWS-350-12	350kcmil	250 I,K,M FLEX 262.2 DLO	350kcmil - 3/0 AWG	1/2	0.562	1.250	2.000	3.873	1.291	0.546	Red	I-71	0.890	0.703
CLWS-350-58	350kcmil	250 I,K,M FLEX 262.2 DLO	350kcmil - 3/0 AWG	5/8	0.656	1.437	2.000	4.060	1.291	0.671	Red	I-71	0.890	0.703
CLWS-400-38	400kcmil	300 G,H,I,K,M FLEX 313.1 DLO	400kcmil - 4/0 AWG	3/8	0.406	0.875	2.125	3.667	1.365	0.414	Blue	I-76	0.937	0.750
CLWS-400-12	400kcmil	300 G,H,I,K,M FLEX 313.1 DLO	400kcmil - 4/0 AWG	1/2	0.562	1.250	2.125	4.042	1.365	0.546	Blue	I-76	0.937	0.750
CLWS-400-58	400kcmil	300 G,H,I,K,M FLEX 313.1 DLO	400kcmil - 4/0 AWG	5/8	0.656	1.437	2.125	4.229	1.365	0.671	Blue	I-76	0.937	0.750

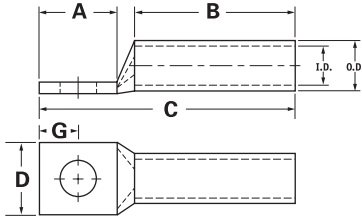
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TYPE CLWS

Features

- Manufactured from high strength seamless copper tubing.
- Electro-Tin plated.
- Maximum conductivity and excellent crimping characteristics.
- Long barrel length with chamfered entry.
- Color coded.
- UL 486A 90°C Listed and CSA Certified for 600 Volts.
- If proper high voltage spacing and insulation techniques are used, may be used for high voltage applications up to 35KV.
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- UL File E6207



Catalog Number	Wire Size	Alt Wire Size	Expanded* Wire Range	Bolt Size	Stud Hole Dia.	Dimensions					Die Color Code	Die Index	O.D.	I.D.
						A	B	C	D	G				
CLWS-500-38	500kcmil	350 G,H,I,K,M FLEX 373.7 DLO	500kcmil - 250kcmil	3/8	0.406	0.875	2.250	3.857	1.535	0.414	Brown	I-87	1.062	0.828
CLWS-500-12	500kcmil	350 G,H,I,K,M FLEX 373.7 DLO	500kcmil - 250kcmil	1/2	0.562	1.250	2.250	4.232	1.535	0.546	Brown	I-87	1.062	0.828
CLWS-500-58	500kcmil	350 G,H,I,K,M FLEX 373.7 DLO	500kcmil - 250kcmil	5/8	0.656	1.437	2.250	4.419	1.535	0.671	Brown	I-87	1.062	0.828
CLWS-600-38	600kcmil	400 G,H,I,K,M FLEX 444.4 DLO	600kcmil - 250kcmil	3/8	0.406	0.875	2.687	4.371	1.712	0.414	Green	I-94	1.187	0.920
CLWS-600-12	600kcmil	400 G,H,I,K,M FLEX 444.4 DLO	600kcmil - 250kcmil	1/2	0.562	1.250	2.687	4.746	1.712	0.546	Green	I-94	1.187	0.920
CLWS-600-58	600kcmil	400 G,H,I,K,M FLEX 444.4 DLO	600kcmil - 250kcmil	5/8	0.656	1.437	2.687	4.933	1.712	0.671	Green	I-94	1.187	0.920
CLWS-650-516	650kcmil	500 G,H,I,K,M FLEX 535.3 DLO	650kcmil - 350kcmil	1/32	0.343	0.875	2.687	4.431	1.764	0.352	Pink	I-99	1.217	0.958
CLWS-650-38	650kcmil	500 G,H,I,K,M FLEX 535.3 DLO	650kcmil - 350kcmil	3/8	0.406	0.875	2.687	4.431	1.764	0.414	Pink	I-99	1.217	0.958
CLWS-650-12	650kcmil	500 G,H,I,K,M FLEX 535.3 DLO	650kcmil - 350kcmil	1/2	0.562	1.25	2.687	4.806	1.764	0.546	Pink	I-99	1.217	0.958
CLWS-650-58	650kcmil	500 G,H,I,K,M FLEX 535.3 DLO	650kcmil - 350kcmil	5/8	0.656	1.437	2.687	4.993	1.764	0.671	Pink	I-99	1.217	0.958
CLWS-700-38	700kcmil	500 G,H,I,K,M FLEX 535.3 DLO	700kcmil - 350kcmil	3/8	0.406	0.875	2.687	4.431	1.816	0.414	Pink	I-99	1.250	0.991
CLWS-700-12	700kcmil	500 G,H,I,K,M FLEX 535.3 DLO	700kcmil - 350kcmil	1/2	0.562	1.250	2.687	4.806	1.816	0.546	Pink	I-99	1.250	0.991
CLWS-700-58	700kcmil	500 G,H,I,K,M FLEX 535.3 DLO	700kcmil - 350kcmil	5/8	0.656	1.437	2.687	4.993	1.816	0.671	Pink	I-99	1.250	0.991
CLWS-750-38	750kcmil	600 G,H,I,M FLEX 646.4 DLO	750kcmil - 500kcmil	3/8	0.406	0.875	2.875	4.652	1.901	0.414	Black	I-106	1.313	1.031
CLWS-750-12	750kcmil	600 G,H,I,M FLEX 646.4 DLO	750kcmil - 500kcmil	1/2	0.562	1.250	2.875	5.027	1.901	0.546	Black	I-106	1.313	1.031
CLWS-750-58	750kcmil	600 G,H,I,M FLEX 646.4 DLO	750kcmil - 500kcmil	5/8	0.656	1.437	2.875	5.214	1.901	0.671	Black	I-106	1.313	1.031
CLWS-1000-38	1000kcmil	750 G,H,I FLEX 777.7 DLO	1000kcmil - 750kcmil	3/8	0.406	0.875	3.000	4.900	2.169	0.414	White	I-125	1.500	1.172
CLWS-1000-12	1000kcmil	750 G,H,I FLEX 777.7 DLO	1000kcmil - 750kcmil	1/2	0.562	1.250	3.000	5.275	2.169	0.546	White	I-125	1.500	1.172
CLWS-1000-58	1000kcmil	750 G,H,I FLEX 777.7 DLO	1000kcmil - 750kcmil	5/8	0.656	1.437	3.000	5.462	2.169	0.671	White	I-125	1.500	1.172

* When installed with specified dieless tools

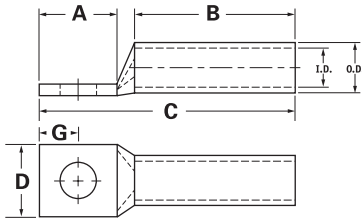
+ See pages 204 to 209 for complete tooling information.

For Bent Tangs change the 4th letter to a B and add "-4" for 45 deg. or "-9" for 90 deg.

TYPE CLNS

Features

- Manufactured from high strength seamless copper tubing.
- Electro-Tin plated.
- Maximum conductivity and excellent crimping characteristics.
- Long barrel length with chamfered entry.
- Color coded.
- UL 486A 90°C Listed and CSA Certified for 600 Volts.
- If proper high voltage spacing and insulation techniques are used, may be used for high voltage applications up to 35KV.
- For Copper conductor only.
- IlSCO connectors are UL Listed and CSA Certified with ILSCO and other Manufacturers' tools.†
- UL File E6207



Catalog Number	Wire Size	Alt Wire Size	Expanded* Wire Range	Bolt Size	Stud Hole Dia.	Dimensions					Die Color Code	Die Index	O.D.	I.D.
						A	B	C	D	G				
CLNS-8-10	#8 AWG	#8 FLEX	-	10	0.219	0.562	0.812	1.569	0.374	0.258	Red	I-21	0.272	0.179
CLNS-8-14	#8 AWG	#8 FLEX	-	1/4	0.281	0.680	0.812	1.687	0.486	0.320	Red	I-21	0.272	0.179
CLNS-8-516	#8 AWG	#8 FLEX	-	5/16	0.343	0.875	0.812	1.882	0.532	0.352	Red	I-21	0.272	0.179
CLNS-8-38	#8 AWG	#8 FLEX	-	3/8	0.406	0.875	0.812	1.882	0.593	0.414	Red	I-21	0.272	0.179
CLNS-6-10	#6 AWG	-	-	10	0.219	0.562	1.125	1.882	0.411	0.258	Blue	I-24	0.295	0.203
CLNS-6-14	#6 AWG	-	-	1/4	0.281	0.680	1.125	2.000	0.411	0.320	Blue	I-24	0.295	0.203
CLNS-6-516	#6 AWG	-	-	5/16	0.343	0.875	1.125	2.195	0.532	0.352	Blue	I-24	0.295	0.203
CLNS-6-38	#6 AWG	-	-	3/8	0.406	0.875	1.125	2.195	0.593	0.414	Blue	I-24	0.295	0.203
CLNS-6-12	#6 AWG	-	-	1/2	0.562	1.250	1.125	2.570	0.750	0.546	Blue	I-24	0.295	0.203
CLNS-4-10	#4 AWG	#6 FLEX	4-6 AWG	10	0.219	0.562	1.125	1.921	0.486	0.258	Gray	I-29	0.343	0.250
CLNS-4-14	#4 AWG	#6 FLEX	4-6 AWG	1/4	0.281	0.680	1.125	2.039	0.486	0.320	Gray	I-29	0.343	0.250
CLNS-4-516	#4 AWG	#6 FLEX	4-6 AWG	5/16	0.343	0.875	1.125	2.234	0.486	0.352	Gray	I-29	0.343	0.250
CLNS-4-38	#4 AWG	#6 FLEX	4-6 AWG	3/8	0.406	0.875	1.125	2.234	0.593	0.414	Gray	I-29	0.343	0.250
CLNS-4-12	#4 AWG	#6 FLEX	4-6 AWG	1/2	0.562	1.250	1.125	2.609	0.750	0.546	Gray	I-29	0.343	0.250
CLNS-3-10	#3 AWG	#4 FLEX	3-6 AWG	10	0.219	0.562	1.125	1.942	0.532	0.258	White	I-29	0.375	0.275
CLNS-3-14	#3 AWG	#4 FLEX	3-6 AWG	1/4	0.281	0.680	1.125	2.060	0.532	0.320	White	I-29	0.375	0.275
CLNS-3-516	#3 AWG	#4 FLEX	3-6 AWG	5/16	0.343	0.875	1.125	2.255	0.532	0.352	White	I-29	0.375	0.275
CLNS-3-38	#3 AWG	#4 FLEX	3-6 AWG	3/8	0.406	0.875	1.125	2.255	0.593	0.414	White	I-29	0.375	0.275
CLNS-3-12	#3 AWG	#4 FLEX	3-6 AWG	1/2	0.562	1.250	1.125	2.630	0.750	0.546	White	I-29	0.375	0.275
CLNS-2-10	#2 AWG	-	2-6 AWG	10	0.219	0.562	1.125	1.973	0.599	0.258	Brown	I-33	0.421	0.312
CLNS-2-14	#2 AWG	-	2-6 AWG	1/4	0.281	0.680	1.125	2.091	0.599	0.320	Brown	I-33	0.421	0.312
CLNS-2-516	#2 AWG	-	2-6 AWG	5/16	0.343	0.875	1.125	2.286	0.599	0.352	Brown	I-33	0.421	0.312
CLNS-2-38	#2 AWG	-	2-6 AWG	3/8	0.406	0.875	1.125	2.286	0.599	0.414	Brown	I-33	0.421	0.312
CLNS-2-12	#2 AWG	-	2-6 AWG	1/2	0.562	1.250	1.125	2.661	0.750	0.546	Brown	I-33	0.421	0.312
CLNS-1-10	#1 AWG	#2 FLEX	1-6 AWG	10	0.219	0.562	1.375	2.267	0.673	0.258	Green	I-37	0.468	0.359
CLNS-1-14	#1 AWG	#2 FLEX	1-6 AWG	1/4	0.281	0.875	1.375	2.580	0.673	0.320	Green	I-37	0.468	0.359
CLNS-1-516	#1 AWG	#2 FLEX	1-6 AWG	5/16	0.343	0.875	1.375	2.580	0.673	0.352	Green	I-37	0.468	0.359
CLNS-1-38	#1 AWG	#2 FLEX	1-6 AWG	3/8	0.406	0.875	1.375	2.580	0.673	0.414	Green	I-37	0.468	0.359
CLNS-1-12	#1 AWG	#2 FLEX	1-6 AWG	1/2	0.562	1.250	1.375	2.955	0.750	0.546	Green	I-37	0.468	0.359

* When installed with specified dieless tools

+ See pages 204 to 209 for complete tooling information.

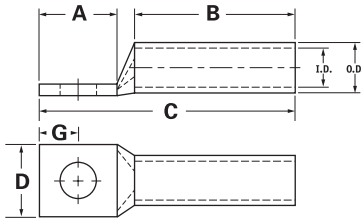
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TYPE CLNS

Features

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- Electro-Tin plated.
- Maximum conductivity and excellent crimping characteristics.
- Long barrel length with chamfered entry.
- Color coded.
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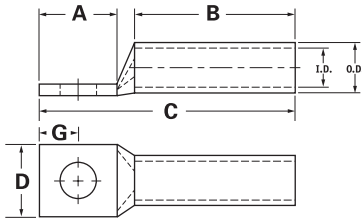
Catalog Number	Wire Size	Alt Wire Size	Expanded* Wire Range	Bolt Size	Stud Hole Dia.	Dimensions					Die Color Code	Die Index	O.D.	I.D.
						A	B	C	D	G				
CLNS-1/0-10	1/0 AWG	#1 FLEX	1/0-6 AWG	10	0.219	0.562	1.500	2.418	0.738	0.258	Pink	I-42	0.515	0.390
CLNS-1/0-14	1/0 AWG	#1 FLEX	1/0-6 AWG	1/4	0.281	0.875	1.500	2.731	0.738	0.320	Pink	I-42	0.515	0.390
CLNS-1/0-516	1/0 AWG	#1 FLEX	1/0-6 AWG	5/16	0.343	0.875	1.500	2.731	0.738	0.352	Pink	I-42	0.515	0.390
CLNS-1/0-38	1/0 AWG	#1 FLEX	1/0-6 AWG	3/8	0.406	0.875	1.500	2.731	0.738	0.414	Pink	I-42	0.515	0.390
CLNS-1/0-12	1/0 AWG	#1 FLEX	1/0-6 AWG	1/2	0.562	1.250	1.500	3.106	0.738	0.546	Pink	I-42	0.515	0.390
CLNS-2/0-10	2/0 AWG	1/0 FLEX	2/0-4 AWG	10	0.219	0.562	1.500	2.458	0.811	0.258	Black	I-45	0.562	0.437
CLNS-2/0-14	2/0 AWG	1/0 FLEX	2/0-4 AWG	1/4	0.281	0.875	1.500	2.771	0.811	0.320	Black	I-45	0.562	0.437
CLNS-2/0-516	2/0 AWG	1/0 FLEX	2/0-4 AWG	5/16	0.343	0.875	1.500	2.771	0.811	0.352	Black	I-45	0.562	0.437
CLNS-2/0-38	2/0 AWG	1/0 FLEX	2/0-4 AWG	3/8	0.406	0.875	1.500	2.771	0.811	0.414	Black	I-45	0.562	0.437
CLNS-2/0-12	2/0 AWG	1/0 FLEX	2/0-4 AWG	1/2	0.562	1.250	1.500	3.146	0.811	0.546	Black	I-45	0.562	0.437
CLNS-3/0-10	3/0 AWG	2/0 FLEX	3/0-2 AWG	10	0.219	0.562	1.500	2.501	0.885	0.258	Orange	I-50	0.609	0.484
CLNS-3/0-14	3/0 AWG	2/0 FLEX	3/0-2 AWG	1/4	0.281	0.875	1.500	2.814	0.885	0.320	Orange	I-50	0.609	0.484
CLNS-3/0-516	3/0 AWG	2/0 FLEX	3/0-2 AWG	5/16	0.343	0.875	1.500	2.814	0.885	0.352	Orange	I-50	0.609	0.484
CLNS-3/0-38	3/0 AWG	2/0 FLEX	3/0-2 AWG	3/8	0.406	0.875	1.500	2.814	0.885	0.414	Orange	I-50	0.609	0.484
CLNS-3/0-12	3/0 AWG	2/0 FLEX	3/0-2 AWG	1/2	0.562	1.250	1.500	3.189	0.885	0.546	Orange	I-50	0.609	0.484
CLNS-4/0-14	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/4	0.281	0.875	1.500	2.866	0.999	0.320	Purple	I-54	0.687	0.546
CLNS-4/0-516	4/0 AWG	3/0 FLEX	4/0-1 AWG	5/16	0.343	0.875	1.500	2.866	0.999	0.352	Purple	I-54	0.687	0.546
CLNS-4/0-38	4/0 AWG	3/0 FLEX	4/0-1 AWG	3/8	0.406	0.875	1.500	2.866	0.999	0.414	Purple	I-54	0.687	0.546
CLNS-4/0-12	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/2	0.562	1.250	1.500	3.241	0.999	0.546	Purple	I-54	0.687	0.546
CLNS-250-516	250kcmil	4/0 FLEX	250kcmil - 1/0 AWG	5/16	0.343	0.875	1.688	3.094	1.088	0.352	Yellow	I-62	0.750	0.593
CLNS-250-38	250kcmil	4/0 FLEX	250kcmil - 1/0 AWG	3/8	0.406	0.875	1.688	3.094	1.088	0.414	Yellow	I-62	0.750	0.593
CLNS-250-12	250kcmil	4/0 FLEX	250kcmil - 1/0 AWG	1/2	0.562	1.250	1.688	3.469	1.088	0.546	Yellow	I-62	0.750	0.593
CLNS-300-516	300kcmil	250 G,H FLEX	300kcmil - 2/0 AWG	5/16	0.343	0.875	2.000	3.462	1.189	0.352	White	I-66	0.812	0.660
CLNS-300-38	300kcmil	250 G,H FLEX	300kcmil - 2/0 AWG	3/8	0.406	0.875	2.000	3.462	1.189	0.414	White	I-66	0.812	0.660
CLNS-300-12	300kcmil	250 G,H FLEX	300kcmil - 2/0 AWG	1/2	0.562	1.250	2.000	3.837	1.189	0.546	White	I-66	0.812	0.660
CLNS-350-38	350kcmil	250 I,K,M FLEX 262.2 DLO	350kcmil - 3/0 AWG	3/8	0.406	0.875	2.000	3.498	1.291	0.414	Red	I-71	0.890	0.703
CLNS-350-12	350kcmil	250 I,K,M FLEX 262.2 DLO	350kcmil - 3/0 AWG	1/2	0.562	1.250	2.000	3.873	1.291	0.546	Red	I-71	0.890	0.703
CLNS-350-58	350kcmil	250 I,K,M FLEX 262.2 DLO	350kcmil - 3/0 AWG	5/8	0.656	1.437	2.000	4.060	1.291	0.671	Red	I-71	0.890	0.703
CLNS-400-38	400kcmil	300 G,H,I,K,M FLEX 313.1 DLO	400kcmil - 4/0 AWG	3/8	0.406	0.875	2.125	3.667	1.365	0.414	Blue	I-76	0.937	0.750
CLNS-400-12	400kcmil	300 G,H,I,K,M FLEX 313.1 DLO	400kcmil - 4/0 AWG	1/2	0.562	1.250	2.125	4.042	1.365	0.546	Blue	I-76	0.937	0.750
CLNS-400-58	400kcmil	300 G,H,I,K,M FLEX 313.1 DLO	400kcmil - 4/0 AWG	5/8	0.656	1.437	2.125	4.229	1.365	0.671	Blue	I-76	0.937	0.750

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						A	B	C	D	G				
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CLNS-500-12	500kcmil	350 G,H,I,K,M FLEX 373.7 DLO	500kcmil - 250kcmil	1/2	0.562	1.250	2.250	4.232	1.535	0.546	Brown	I-87	1.062	0.828
CLNS-500-58	500kcmil	350 G,H,I,K,M FLEX 373.7 DLO	500kcmil - 250kcmil	5/8	0.656	1.437	2.250	4.419	1.535	0.671	Brown	I-87	1.062	0.828
CLNS-600-38	600kcmil	400 G,H,I,K,M FLEX 444.4 DLO	600kcmil - 250kcmil	3/8	0.406	0.875	2.687	4.371	1.712	0.414	Green	I-94	1.187	0.920
CLNS-600-12	600kcmil	400 G,H,I,K,M FLEX 444.4 DLO	600kcmil - 250kcmil	1/2	0.562	1.250	2.687	4.746	1.712	0.546	Green	I-94	1.187	0.920
CLNS-600-58	600kcmil	400 G,H,I,K,M FLEX 444.4 DLO	600kcmil - 250kcmil	5/8	0.656	1.437	2.687	4.933	1.712	0.671	Green	I-94	1.187	0.920
CLNS-650-516	650kcmil	500 G,H,I,K,M FLEX 535.3 DLO	650kcmil - 350kcmil	1/32	0.343	0.875	2.687	4.431	1.764	0.352	Pink	I-99	1.217	0.958
CLNS-650-38	650kcmil	500 G,H,I,K,M FLEX 535.3 DLO	650kcmil - 350kcmil	3/8	0.406	0.875	2.687	4.431	1.764	0.414	Pink	I-99	1.217	0.958
CLNS-650-12	650kcmil	500 G,H,I,K,M FLEX 535.3 DLO	650kcmil - 350kcmil	1/2	0.562	1.25	2.687	4.806	1.764	0.546	Pink	I-99	1.217	0.958
CLNS-650-58	650kcmil	500 G,H,I,K,M FLEX 535.3 DLO	650kcmil - 350kcmil	5/8	0.656	1.437	2.687	4.993	1.764	0.671	Pink	I-99	1.217	0.958
CLNS-700-38	700kcmil	500 G,H,I,K,M FLEX 535.3 DLO	700kcmil - 350kcmil	3/8	0.406	0.875	2.687	4.431	1.816	0.414	Pink	I-99	1.250	0.991
CLNS-700-12	700kcmil	500 G,H,I,K,M FLEX 535.3 DLO	700kcmil - 350kcmil	1/2	0.562	1.250	2.687	4.806	1.816	0.546	Pink	I-99	1.250	0.991
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CLNS-750-38	750kcmil	600 G,H,I,M FLEX 646.4 DLO	750kcmil - 500kcmil	3/8	0.406	0.875	2.875	4.652	1.901	0.414	Black	I-106	1.313	1.031
CLNS-750-12	750kcmil	600 G,H,I,M FLEX 646.4 DLO	750kcmil - 500kcmil	1/2	0.562	1.250	2.875	5.027	1.901	0.546	Black	I-106	1.313	1.031
CLNS-750-58	750kcmil	600 G,H,I,M FLEX 646.4 DLO	750kcmil - 500kcmil	5/8	0.656	1.437	2.875	5.214	1.901	0.671	Black	I-106	1.313	1.031
CLNS-1000-38	1000kcmil	750 G,H,I FLEX 777.7 DLO	1000kcmil - 750kcmil	3/8	0.406	0.875	3.000	4.900	2.169	0.414	White	I-125	1.500	1.172
CLNS-1000-12	1000kcmil	750 G,H,I FLEX 777.7 DLO	1000kcmil - 750kcmil	1/2	0.562	1.250	3.000	5.275	2.169	0.546	White	I-125	1.500	1.172
CLNS-1000-58	1000kcmil	750 G,H,I FLEX 777.7 DLO	1000kcmil - 750kcmil	5/8	0.656	1.437	3.000	5.462	2.169	0.671	White	I-125	1.500	1.172

* When installed with specified dieless tools

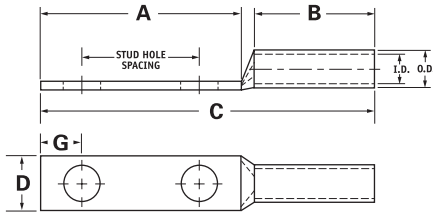
+ See pages 204 to 209 for complete tooling information.

For Bent Tangs change the 4th letter to a B and add "-4" for 45 deg. or "-9" for 90 deg.

TYPE CLWD

Features

- Manufactured from high strength seamless copper tubing.
- Electro-Tin plated.
- Maximum conductivity and excellent crimping characteristics.
- Long barrel length with chamfered entry.
- Color coded.
- UL 486A 90°C Listed and CSA Certified for 600 Volts.
- If proper high voltage spacing and insulation techniques are used, may be used for high voltage applications up to 35KV.
- For Copper conductor only.
- IlSCO connectors are UL Listed and CSA Certified with ILSCO and other Manufacturers' tools.†
- UL File E6207



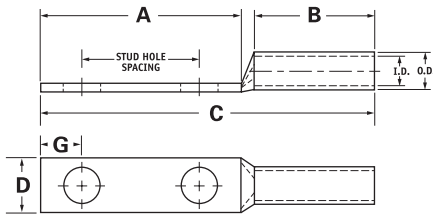
Catalog Number	Wire Size	Alt Wire Size	Expanded* Wire Range	Bolt Size	Stud Hole Dia.	Stud Hole Spacing	Dimensions					Die Color Code	Die Index	O.D.	I.D.
							A	B	C	D	G				
CLWD-8-10-58	#8 AWG	#8 FLEX	-	10	0.219	0.625	1.250	0.812	2.257	0.374	0.258	Red	I-21	0.272	0.179
CLWD-8-10-34	#8 AWG	#8 FLEX	-	10	0.219	0.750	1.437	0.812	2.444	0.374	0.258	Red	I-21	0.272	0.179
CLWD-8-14-58	#8 AWG	#8 FLEX	-	1/4	0.281	0.625	1.437	0.812	2.444	0.486	0.320	Red	I-21	0.272	0.179
CLWD-8-14-34	#8 AWG	#8 FLEX	-	1/4	0.281	0.750	1.437	0.812	2.444	0.486	0.320	Red	I-21	0.272	0.179
CLWD-8-14-1	#8 AWG	#8 FLEX	-	1/4	0.281	1.000	1.687	0.812	2.694	0.486	0.320	Red	I-21	0.272	0.179
CLWD-8-38-1	#8 AWG	#8 FLEX	-	3/8	0.406	1.000	1.937	0.812	2.944	0.593	0.414	Red	I-21	0.272	0.179
CLWD-6-10-12	#6 AWG	-	-	10	0.219	0.500	1.250	1.125	2.570	0.411	0.258	Blue	I-24	0.295	0.203
CLWD-6-10-58	#6 AWG	-	-	10	0.219	0.625	1.250	1.125	2.570	0.411	0.258	Blue	I-24	0.295	0.203
CLWD-6-10-1116	#6 AWG	-	-	10	0.219	0.687	1.250	1.125	2.570	0.411	0.258	Blue	I-24	0.295	0.203
CLWD-6-10-34	#6 AWG	-	-	10	0.219	0.750	1.437	1.125	2.757	0.411	0.258	Blue	I-24	0.295	0.203
CLWD-6-14-12	#6 AWG	-	-	1/4	0.281	0.500	1.250	1.125	2.570	0.411	0.320	Blue	I-24	0.295	0.203
CLWD-6-14-58	#6 AWG	-	-	1/4	0.281	0.625	1.437	1.125	2.757	0.411	0.320	Blue	I-24	0.295	0.203
CLWD-6-14-34	#6 AWG	-	-	1/4	0.281	0.750	1.437	1.125	2.757	0.411	0.320	Blue	I-24	0.295	0.203
CLWD-6-14-1	#6 AWG	-	-	1/4	0.281	1.000	1.687	1.125	3.007	0.411	0.320	Blue	I-24	0.295	0.203
CLWD-6-516-34	#6 AWG	-	-	5/16	0.343	0.750	1.687	1.125	3.007	0.532	0.352	Blue	I-24	0.295	0.203
CLWD-6-516-1	#6 AWG	-	-	5/16	0.343	1.000	1.937	1.125	3.257	0.532	0.352	Blue	I-24	0.295	0.203
CLWD-6-38-34	#6 AWG	-	-	3/8	0.406	0.750	1.687	1.125	3.007	0.593	0.414	Blue	I-24	0.295	0.203
CLWD-6-38-78	#6 AWG	-	-	3/8	0.406	0.875	1.937	1.125	3.257	0.593	0.414	Blue	I-24	0.295	0.203
CLWD-6-38-1	#6 AWG	-	-	3/8	0.406	1.000	1.937	1.125	3.257	0.593	0.414	Blue	I-24	0.295	0.203
CLWD-6-12-134	#6 AWG	-	-	1/2	0.562	1.750	3.000	1.125	4.320	0.750	0.546	Blue	I-24	0.295	0.203
CLWD-4-10-58	#4 AWG	#6 FLEX	4-6 AWG	10	0.219	0.625	1.250	1.125	2.609	0.486	0.258	Gray	I-29	0.343	0.250
CLWD-4-10-34	#4 AWG	#6 FLEX	4-6 AWG	10	0.219	0.750	1.437	1.125	2.796	0.486	0.258	Gray	I-29	0.343	0.250
CLWD-4-10-1	#4 AWG	#6 FLEX	4-6 AWG	10	0.219	1.000	1.687	1.125	3.046	0.486	0.258	Gray	I-29	0.343	0.250
CLWD-4-14-58	#4 AWG	#6 FLEX	4-6 AWG	1/4	0.281	0.625	1.437	1.125	2.796	0.486	0.320	Gray	I-29	0.343	0.250
CLWD-4-14-34	#4 AWG	#6 FLEX	4-6 AWG	1/4	0.281	0.750	1.437	1.125	2.796	0.486	0.320	Gray	I-29	0.343	0.250
CLWD-4-14-1	#4 AWG	#6 FLEX	4-6 AWG	1/4	0.281	1.000	1.687	1.125	3.046	0.486	0.320	Gray	I-29	0.343	0.250
CLWD-4-516-58	#4 AWG	#6 FLEX	4-6 AWG	5/16	0.343	0.625	1.437	1.125	2.796	0.486	0.352	Gray	I-29	0.343	0.250
CLWD-4-516-34	#4 AWG	#6 FLEX	4-6 AWG	5/16	0.343	0.750	1.687	1.125	3.046	0.486	0.352	Gray	I-29	0.343	0.250
CLWD-4-516-1	#4 AWG	#6 FLEX	4-6 AWG	5/16	0.343	1.000	1.937	1.125	3.296	0.486	0.352	Gray	I-29	0.343	0.250
CLWD-4-38-34	#4 AWG	#6 FLEX	4-6 AWG	3/8	0.406	0.750	1.687	1.125	3.046	0.593	0.414	Gray	I-29	0.343	0.250
CLWD-4-38-1	#4 AWG	#6 FLEX	4-6 AWG	3/8	0.406	1.000	1.937	1.125	3.296	0.593	0.414	Gray	I-29	0.343	0.250
CLWD-4-12-134	#4 AWG	#6 FLEX	4-6 AWG	1/2	0.562	1.750	3.000	1.125	4.359	0.750	0.546	Gray	I-29	0.343	0.250

* When installed with specified dieless tools + See pages 204 to 209 for complete tooling information.
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TYPE CLWD

Features

- Manufactured from high strength seamless copper tubing.
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- Maximum conductivity and excellent crimping characteristics.
- Long barrel length with chamfered entry.
- Color coded.
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- If proper high voltage spacing and insulation techniques are used, may be used for high voltage applications up to 35KV.
- For Copper conductor only.
- IlSCO connectors are UL Listed and CSA Certified with ILSCO and other Manufacturers' tools.+
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Catalog Number	Wire Size	Alt Wire Size	Expanded* Wire Range	Bolt Size	Stud Hole Dia.	Stud Hole Spacing	Dimensions					Die Color Code	Die Index	O.D.	I.D.
							A	B	C	D	G				
CLWD-3-14-58	#3 AWG	#4 FLEX	3-6 AWG	1/4	0.281	0.625	1.437	1.125	2.817	0.532	0.320	White	I-29	0.375	0.275
CLWD-3-14-34	#3 AWG	#4 FLEX	3-6 AWG	1/4	0.281	0.750	1.437	1.125	2.817	0.532	0.320	White	I-29	0.375	0.275
CLWD-3-516-58	#3 AWG	#4 FLEX	3-6 AWG	5/16	0.343	0.625	1.437	1.125	2.817	0.532	0.352	White	I-29	0.375	0.275
CLWD-3-516-1	#3 AWG	#4 FLEX	3-6 AWG	5/16	0.343	1.000	1.937	1.125	3.317	0.532	0.352	White	I-29	0.375	0.275
CLWD-3-38-34	#3 AWG	#4 FLEX	3-6 AWG	3/8	0.406	0.750	1.687	1.125	3.067	0.593	0.414	White	I-29	0.375	0.275
CLWD-3-38-1	#3 AWG	#4 FLEX	3-6 AWG	3/8	0.406	1.000	1.937	1.125	3.317	0.593	0.414	White	I-29	0.375	0.275
CLWD-3-12-134	#3 AWG	#4 FLEX	3-6 AWG	1/2	0.562	1.750	3.000	1.125	4.380	0.750	0.546	White	I-29	0.375	0.275
CLWD-2-10-34	#2 AWG	-	2-6 AWG	10	0.219	0.750	1.437	1.125	2.848	0.599	0.258	Brown	I-33	0.421	0.312
CLWD-2-14-58	#2 AWG	-	2-6 AWG	1/4	0.281	0.625	1.437	1.125	2.848	0.599	0.320	Brown	I-33	0.421	0.312
CLWD-2-14-34	#2 AWG	-	2-6 AWG	1/4	0.281	0.750	1.437	1.125	2.848	0.599	0.320	Brown	I-33	0.421	0.312
CLWD-2-14-1	#2 AWG	-	2-6 AWG	1/4	0.281	1.000	1.687	1.125	3.098	0.599	0.320	Brown	I-33	0.421	0.312
CLWD-2-516-58	#2 AWG	-	2-6 AWG	5/16	0.343	0.625	1.687	1.125	3.098	0.599	0.352	Brown	I-33	0.421	0.312
CLWD-2-516-34	#2 AWG	-	2-6 AWG	5/16	0.343	0.750	1.687	1.125	3.098	0.599	0.352	Brown	I-33	0.421	0.312
CLWD-2-516-1	#2 AWG	-	2-6 AWG	5/16	0.343	1.000	1.937	1.125	3.348	0.599	0.352	Brown	I-33	0.421	0.312
CLWD-2-38-58	#2 AWG	-	2-6 AWG	3/8	0.406	0.625	1.687	1.125	3.098	0.599	0.414	Brown	I-33	0.421	0.312
CLWD-2-38-34	#2 AWG	-	2-6 AWG	3/8	0.406	0.750	1.687	1.125	3.098	0.599	0.414	Brown	I-33	0.421	0.312
CLWD-2-38-78	#2 AWG	-	2-6 AWG	3/8	0.406	0.875	1.937	1.125	3.348	0.599	0.414	Brown	I-33	0.421	0.312
CLWD-2-38-1	#2 AWG	-	2-6 AWG	3/8	0.406	1.000	1.937	1.125	3.348	0.599	0.414	Brown	I-33	0.421	0.312
CLWD-2-38-134	#2 AWG	-	2-6 AWG	3/8	0.406	1.750	2.625	1.125	4.036	0.599	0.414	Brown	I-33	0.421	0.312
CLWD-2-12-134	#2 AWG	-	2-6 AWG	1/2	0.562	1.750	3.000	1.125	4.411	0.750	0.546	Brown	I-33	0.421	0.312
CLWD-1-14-58	#1 AWG	#2 FLEX	1-6 AWG	1/4	0.281	0.625	1.437	1.375	3.142	0.673	0.320	Green	I-37	0.468	0.359
CLWD-1-14-34	#1 AWG	#2 FLEX	1-6 AWG	1/4	0.281	0.750	1.437	1.375	3.142	0.673	0.320	Green	I-37	0.468	0.359
CLWD-1-14-1	#1 AWG	#2 FLEX	1-6 AWG	1/4	0.281	1.000	1.687	1.375	3.392	0.673	0.320	Green	I-37	0.468	0.359
CLWD-1-516-78	#1 AWG	#2 FLEX	1-6 AWG	5/16	0.343	0.875	1.687	1.375	3.392	0.673	0.352	Green	I-37	0.468	0.359
CLWD-1-516-1	#1 AWG	#2 FLEX	1-6 AWG	5/16	0.343	1.000	1.937	1.375	3.642	0.673	0.352	Green	I-37	0.468	0.359
CLWD-1-38-1	#1 AWG	#2 FLEX	1-6 AWG	3/8	0.406	1.000	1.937	1.375	3.642	0.673	0.414	Green	I-37	0.468	0.359
CLWD-1-12-134	#1 AWG	#2 FLEX	1-6 AWG	1/2	0.562	1.750	3.000	1.375	4.705	0.750	0.546	Green	I-37	0.468	0.359

* When installed with specified dieless tools

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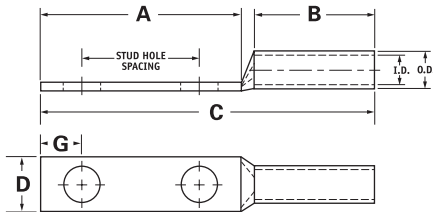
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TYPE CLWD

Features

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- Electro-Tin plated.
- Maximum conductivity and excellent crimping characteristics.
- Long barrel length with chamfered entry.
- Color coded.
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- If proper high voltage spacing and insulation techniques are used, may be used for high voltage applications up to 35KV.
- For Copper conductor only.
- IlSCO connectors are UL Listed and CSA Certified with ILSCO and other Manufacturers' tools.†
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Catalog Number	Wire Size	Alt Wire Size	Expanded* Wire Range	Bolt Size	Stud Hole Dia.	Stud Hole Spacing	Dimensions					Die Color Code	Die Index	O.D.	I.D.
							A	B	C	D	G				
CLWD-1/0-14-58	1/0 AWG	#1 FLEX	1/0-6 AWG	1/4	0.281	0.625	1.437	1.500	3.293	0.738	0.320	Pink	I-42	0.515	0.390
CLWD-1/0-14-34	1/0 AWG	#1 FLEX	1/0-6 AWG	1/4	0.281	0.750	1.437	1.500	3.293	0.738	0.320	Pink	I-42	0.515	0.390
CLWD-1/0-14-1	1/0 AWG	#1 FLEX	1/0-6 AWG	1/4	0.281	1.000	1.687	1.500	3.543	0.738	0.320	Pink	I-42	0.515	0.390
CLWD-1/0-516-34	1/0 AWG	#1 FLEX	1/0-6 AWG	5/16	0.343	0.750	1.687	1.500	3.543	0.738	0.352	Pink	I-42	0.515	0.390
CLWD-1/0-516-78	1/0 AWG	#1 FLEX	1/0-6 AWG	5/16	0.343	0.875	1.687	1.500	3.543	0.738	0.352	Pink	I-42	0.515	0.390
CLWD-1/0-516-1	1/0 AWG	#1 FLEX	1/0-6 AWG	5/16	0.343	1.000	1.937	1.500	3.793	0.738	0.352	Pink	I-42	0.515	0.390
CLWD-1/0-38-1	1/0 AWG	#1 FLEX	1/0-6 AWG	3/8	0.406	1.000	1.937	1.500	3.793	0.738	0.414	Pink	I-42	0.515	0.390
CLWD-1/0-38-134	1/0 AWG	#1 FLEX	1/0-6 AWG	3/8	0.406	1.750	2.625	1.500	4.481	0.738	0.414	Pink	I-42	0.515	0.390
CLWD-1/0-12-1	1/0 AWG	#1 FLEX	1/0-6 AWG	1/2	0.562	1.000	2.125	1.500	3.981	0.738	0.546	Pink	I-42	0.515	0.390
CLWD-1/0-12-134	1/0 AWG	#1 FLEX	1/0-6 AWG	1/2	0.562	1.750	3.000	1.500	4.856	0.738	0.546	Pink	I-42	0.515	0.390
CLWD-2/0-14-58	2/0 AWG	1/0 FLEX	2/0-4 AWG	1/4	0.281	0.625	1.437	1.500	3.333	0.811	0.320	Black	I-45	0.562	0.437
CLWD-2/0-14-34	2/0 AWG	1/0 FLEX	2/0-4 AWG	1/4	0.281	0.750	1.437	1.500	3.333	0.811	0.320	Black	I-45	0.562	0.437
CLWD-2/0-14-1	2/0 AWG	1/0 FLEX	2/0-4 AWG	1/4	0.281	1.000	1.687	1.500	3.583	0.811	0.320	Black	I-45	0.562	0.437
CLWD-2/0-516-1	2/0 AWG	1/0 FLEX	2/0-4 AWG	5/16	0.343	1.000	1.937	1.500	3.833	0.811	0.352	Black	I-45	0.562	0.437
CLWD-2/0-38-1	2/0 AWG	1/0 FLEX	2/0-4 AWG	3/8	0.406	1.000	1.937	1.500	3.833	0.811	0.414	Black	I-45	0.562	0.437
CLWD-2/0-38-134	2/0 AWG	1/0 FLEX	2/0-4 AWG	3/8	0.406	1.750	2.625	1.500	4.521	0.811	0.414	Black	I-45	0.562	0.437
CLWD-2/0-12-1	2/0 AWG	1/0 FLEX	2/0-4 AWG	1/2	0.562	1.000	2.125	1.500	4.021	0.811	0.546	Black	I-45	0.562	0.437
CLWD-2/0-12-134	2/0 AWG	1/0 FLEX	2/0-4 AWG	1/2	0.562	1.750	3.000	1.500	4.896	0.811	0.546	Black	I-45	0.562	0.437
CLWD-3/0-14-58	3/0 AWG	2/0 FLEX	3/0-2 AWG	1/4	0.281	0.625	1.437	1.500	3.376	0.885	0.320	Orange	I-50	0.609	0.484
CLWD-3/0-14-34	3/0 AWG	2/0 FLEX	3/0-2 AWG	1/4	0.281	0.750	1.437	1.500	3.376	0.885	0.320	Orange	I-50	0.609	0.484
CLWD-3/0-516-1	3/0 AWG	2/0 FLEX	3/0-2 AWG	5/16	0.343	1.000	1.937	1.500	3.876	0.885	0.352	Orange	I-50	0.609	0.484
CLWD-3/0-38-1	3/0 AWG	2/0 FLEX	3/0-2 AWG	3/8	0.406	1.000	1.937	1.500	3.876	0.885	0.414	Orange	I-50	0.609	0.484
CLWD-3/0-12-134	3/0 AWG	2/0 FLEX	3/0-2 AWG	1/2	0.562	1.750	3.000	1.500	4.939	0.885	0.546	Orange	I-50	0.609	0.484

* When installed with specified dieless tools

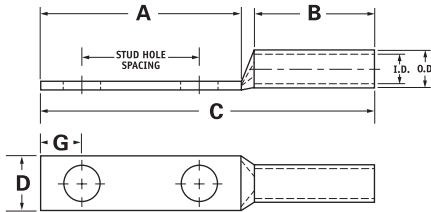
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TYPE CLWD

Features

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Catalog Number	Wire Size	Alt Wire Size	Expanded* Wire Range	Bolt Size	Stud Hole Dia.	Stud Hole Spacing	Dimensions					Die Color Code	Die Index	O.D.	I.D.
							A	B	C	D	G				
CLWD-4/0-14-58	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/4	0.281	0.625	1.437	1.500	3.428	0.999	0.320	Purple	I-54	0.687	0.546
CLWD-4/0-14-34	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/4	0.281	0.750	1.437	1.500	3.428	0.999	0.320	Purple	I-54	0.687	0.546
CLWD-4/0-14-1	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/4	0.281	1.000	1.687	1.500	3.678	0.999	0.320	Purple	I-54	0.687	0.546
CLWD-4/0-516-34	4/0 AWG	3/0 FLEX	4/0-1 AWG	5/16	0.343	0.750	1.687	1.500	3.678	0.999	0.352	Purple	I-54	0.687	0.546
CLWD-4/0-516-1	4/0 AWG	3/0 FLEX	4/0-1 AWG	5/16	0.343	1.000	1.937	1.500	3.928	0.999	0.352	Purple	I-54	0.687	0.546
CLWD-4/0-516-134	4/0 AWG	3/0 FLEX	4/0-1 AWG	5/16	0.343	1.750	2.500	1.500	4.491	0.999	0.352	Purple	I-54	0.687	0.546
CLWD-4/0-38-1	4/0 AWG	3/0 FLEX	4/0-1 AWG	3/8	0.406	1.000	1.937	1.500	3.928	0.999	0.414	Purple	I-54	0.687	0.546
CLWD-4/0-38-134	4/0 AWG	3/0 FLEX	4/0-1 AWG	3/8	0.406	1.750	2.625	1.500	4.616	0.999	0.414	Purple	I-54	0.687	0.546
CLWD-4/0-12-1	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/2	0.562	1.000	2.125	1.500	4.116	0.999	0.546	Purple	I-54	0.687	0.546
CLWD-4/0-12-114	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/2	0.562	1.250	2.500	1.500	4.491	0.999	0.546	Purple	I-54	0.687	0.546
CLWD-4/0-12-134	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/2	0.562	1.750	3.000	1.500	4.991	0.999	0.546	Purple	I-54	0.687	0.546
CLWD-250-14-34	250kcmil	4/0 FLEX	250kcmil - 1/0 AWG	1/4	0.281	0.750	1.437	1.688	3.656	1.088	0.320	Yellow	I-62	0.750	0.593
CLWD-250-38-1	250kcmil	4/0 FLEX	250kcmil - 1/0 AWG	3/8	0.406	1.000	1.937	1.688	4.156	1.088	0.414	Yellow	I-62	0.750	0.593
CLWD-250-38-134	250kcmil	4/0 FLEX	250kcmil - 1/0 AWG	3/8	0.406	1.750	2.625	1.688	4.844	1.088	0.414	Yellow	I-62	0.750	0.593
CLWD-250-12-114	250kcmil	4/0 FLEX	250kcmil - 1/0 AWG	1/2	0.562	1.250	2.500	1.688	4.719	1.088	0.546	Yellow	I-62	0.750	0.593
CLWD-250-12-134	250kcmil	4/0 FLEX	250kcmil - 1/0 AWG	1/2	0.562	1.750	3.000	1.688	5.219	1.088	0.546	Yellow	I-62	0.750	0.593
CLWD-300-38-1	300kcmil	250 G,H FLEX	300kcmil - 2/0 AWG	3/8	0.406	1.000	1.937	2.000	4.524	1.189	0.414	White	I-66	0.812	0.660
CLWD-300-12-134	300kcmil	250 G,H FLEX	300kcmil - 2/0 AWG	1/2	0.562	1.750	3.000	2.000	5.587	1.189	0.546	White	I-66	0.812	0.660

* When installed with specified dieless tools

+ See pages 204 to 209 for complete tooling information.

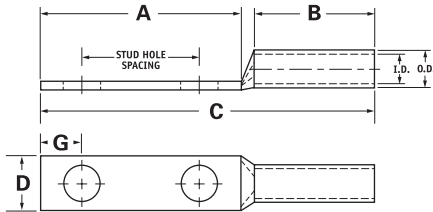
For Bent Tangs change the 4th letter to a B and add "-4" for 45 deg. or "-9" for 90 deg.



TYPE CLWD

Features

- Manufactured from high strength seamless copper tubing.
- Electro-Tin plated.
- Maximum conductivity and excellent crimping characteristics.
- Long barrel length with chamfered entry.
- Color coded.
- UL 486A 90°C Listed and CSA Certified for 600 Volts.
- If proper high voltage spacing and insulation techniques are used, may be used for high voltage applications up to 35KV.
- For Copper conductor only.
- IlSCO connectors are UL Listed and CSA Certified with ILSCO and other Manufacturers' tools.†
- UL File E6207



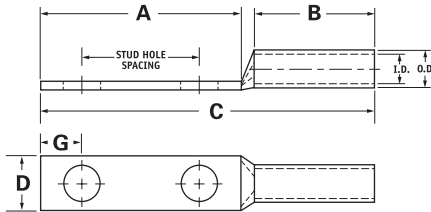
Catalog Number	Wire Size	Alt Wire Size	Expanded* Wire Range	Bolt Size	Stud Hole Dia.	Stud Hole Spacing	Dimensions					Die Color Code	Die Index	O.D.	I.D.
							A	B	C	D	G				
CLWD-350-14-34	350kcmil	250 I,K,M FLEX 262.2 DLO	350kcmil - 3/0 AWG	1/4	0.281	0.750	1.437	2.000	4.060	1.291	0.320	Red	I-71	0.890	0.703
CLWD-350-516-134	350kcmil	250 I,K,M FLEX 262.2 DLO	350kcmil - 3/0 AWG	5/16	0.343	1.750	2.500	2.000	5.123	1.291	0.352	Red	I-71	0.890	0.703
CLWD-350-38-1	350kcmil	250 I,K,M FLEX 262.2 DLO	350kcmil - 3/0 AWG	3/8	0.406	1.000	1.937	2.000	4.560	1.291	0.414	Red	I-71	0.890	0.703
CLWD-350-12-114	350kcmil	250 I,K,M FLEX 262.2 DLO	350kcmil - 3/0 AWG	1/2	0.562	1.250	2.500	2.000	5.123	1.291	0.546	Red	I-71	0.890	0.703
CLWD-350-12-134	350kcmil	250 I,K,M FLEX 262.2 DLO	350kcmil - 3/0 AWG	1/2	0.562	1.750	3.000	2.000	5.623	1.291	0.546	Red	I-71	0.890	0.703
CLWD-400-38-1	400kcmil	300 G,H,I,K,M FLEX 313.1 DLO	400kcmil - 4/0 AWG	3/8	0.406	1.000	1.937	2.125	4.729	1.365	0.414	Blue	I-76	0.937	0.750
CLWD-400-38-116	400kcmil	300 G,H,I,K,M FLEX 313.1 DLO	400kcmil - 4/0 AWG	3/8	0.406	1.062	1.937	2.125	4.729	1.365	0.414	Blue	I-76	0.937	0.750
CLWD-400-12-134	400kcmil	300 G,H,I,K,M FLEX 313.1 DLO	400kcmil - 4/0 AWG	1/2	0.562	1.750	3.000	2.125	5.792	1.365	0.546	Blue	I-76	0.937	0.750
CLWD-500-14-34	500kcmil	350 G,H,I,K,M FLEX 373.7 DLO	500kcmil - 250kcmil	1/4	0.281	0.750	1.437	2.250	4.419	1.535	0.320	Brown	I-87	1.062	0.828
CLWD-500-38-1	500kcmil	350 G,H,I,K,M FLEX 373.7 DLO	500kcmil - 250kcmil	3/8	0.406	1.000	1.937	2.250	4.919	1.535	0.414	Brown	I-87	1.062	0.828
CLWD-500-12-114	500kcmil	350 G,H,I,K,M FLEX 373.7 DLO	500kcmil - 250kcmil	1/2	0.562	1.250	2.500	2.250	5.482	1.535	0.546	Brown	I-87	1.062	0.828
CLWD-500-12-134	500kcmil	350 G,H,I,K,M FLEX 373.7 DLO	500kcmil - 250kcmil	1/2	0.562	1.750	3.000	2.250	5.982	1.535	0.546	Brown	I-87	1.062	0.828
CLWD-600-38-1	600kcmil	400 G,H,I,K,M FLEX 444.4 DLO	600kcmil - 250kcmil	3/8	0.406	1.000	1.937	2.687	5.433	1.712	0.414	Green	I-94	1.187	0.920
CLWD-600-12-134	600kcmil	400 G,H,I,K,M FLEX 444.4 DLO	600kcmil - 250kcmil	1/2	0.562	1.750	3.000	2.687	6.496	1.712	0.546	Green	I-94	1.187	0.920
CLWD-650-12-114	650kcmil	500 G,H,I,K,M FLEX 535.3 DLO	650kcmil - 350kcmil	1/2	0.562	1.25	2.5	2.687	6.056	1.764	0.546	Pink	I-99	1.217	0.958
CLWD-650-12-134	650kcmil	500 G,H,I,K,M FLEX 535.3 DLO	650kcmil - 350kcmil	1/2	0.562	1.75	3	2.687	6.556	1.764	0.546	Pink	I-99	1.217	0.958
CLWD-650-38-1	650kcmil	500 G,H,I,K,M FLEX 535.3 DLO	650kcmil - 350kcmil	3/8	0.406	1	1.937	2.687	5.493	1.764	0.414	Pink	I-99	1.217	0.958
CLWD-650-38-118	650kcmil	500 G,H,I,K,M FLEX 535.3 DLO	650kcmil - 350kcmil	3/8	0.406	1.125	2.125	2.687	5.681	1.764	0.414	Pink	I-99	1.217	0.958
CLWD-650-516-1	650kcmil	500 G,H,I,K,M FLEX 535.3 DLO	650kcmil - 350kcmil	1/32	0.343	1	1.937	2.687	5.493	1.764	0.3515	Pink	I-99	1.217	0.958

* When installed with specified dieless tools + See pages 204 to 209 for complete tooling information. For Bent Tangs change the 4th letter to a B and add "-4" for 45 deg. or "-9" for 90 deg.

TYPE CLWD

Features

- Manufactured from high strength seamless copper tubing.
- Electro-Tin plated.
- Maximum conductivity and excellent crimping characteristics.
- Long barrel length with chamfered entry.
- Color coded.
- UL 486A 90°C Listed and CSA Certified for 600 Volts.
- If proper high voltage spacing and insulation techniques are used, may be used for high voltage applications up to 35KV.
- For Copper conductor only.
- IlSCO connectors are UL Listed and CSA Certified with ILSCO and other Manufacturers' tools.+
- UL File E6207



Catalog Number	Wire Size	Alt Wire Size	Expanded* Wire Range	Bolt Size	Stud Hole Dia.	Stud Hole Spacing	Dimensions					Die Color Code	Die Index	O.D.	I.D.
							A	B	C	D	G				
CLWD-700-38-1	700kcmil	500 G,H,I,K,M FLEX 535.3 DLO	700kcmil - 350kcmil	3/8	0.406	1.000	1.937	2.687	5.493	1.816	0.414	Pink	I-99	1.250	0.991
CLWD-700-38-118	700kcmil	500 G,H,I,K,M FLEX 535.3 DLO	700kcmil - 350kcmil	3/8	0.406	1.125	2.125	2.687	5.681	1.816	0.414	Pink	I-99	1.250	0.991
CLWD-700-12-112	700kcmil	500 G,H,I,K,M FLEX 535.3 DLO	700kcmil - 350kcmil	1/2	0.562	1.500	2.625	2.687	6.181	1.816	0.546	Pink	I-99	1.250	0.991
CLWD-700-12-134	700kcmil	500 G,H,I,K,M FLEX 535.3 DLO	700kcmil - 350kcmil	1/2	0.562	1.750	3.000	2.687	6.556	1.816	0.546	Pink	I-99	1.250	0.991
CLWD-700-12-178	700kcmil	500 G,H,I,K,M FLEX 535.3 DLO	700kcmil - 350kcmil	1/2	0.562	1.875	3.000	2.687	6.556	1.816	0.546	Pink	I-99	1.250	0.991
CLWD-750-38-1	750kcmil	600 G,H,I,M FLEX 646.4 DLO	750kcmil - 500kcmil	3/8	0.406	1.000	1.937	2.875	5.714	1.901	0.414	Black	I-106	1.313	1.031
CLWD-750-38-118	750kcmil	600 G,H,I,M FLEX 646.4 DLO	750kcmil - 500kcmil	3/8	0.406	1.125	2.125	2.875	5.902	1.901	0.414	Black	I-106	1.313	1.031
CLWD-750-12-112	750kcmil	600 G,H,I,M FLEX 646.4 DLO	750kcmil - 500kcmil	1/2	0.562	1.500	2.625	2.875	6.402	1.901	0.546	Black	I-106	1.313	1.031
CLWD-750-12-134	750kcmil	600 G,H,I,M FLEX 646.4 DLO	750kcmil - 500kcmil	1/2	0.562	1.750	3.000	2.875	6.777	1.901	0.546	Black	I-106	1.313	1.031
CLWD-750-58-112	750kcmil	600 G,H,I,M FLEX 646.4 DLO	750kcmil - 500kcmil	5/8	0.562	1.500	3.000	2.875	6.777	1.901	0.671	Black	I-106	1.313	1.031
CLWD-1000-38-1	1000kcmil	750 G,H,I FLEX 777.7 DLO	1000kcmil - 750kcmil	3/8	0.406	1.000	1.937	3.000	5.962	2.169	0.414	White	I-125	1.500	1.172
CLWD-1000-12-114	1000kcmil	750 G,H,I FLEX 777.7 DLO	1000kcmil - 750kcmil	1/2	0.562	1.250	2.500	3.000	6.525	2.169	0.546	White	I-125	1.500	1.172
CLWD-1000-12-134	1000kcmil	750 G,H,I FLEX 777.7 DLO	1000kcmil - 750kcmil	1/2	0.562	1.750	3.000	3.000	7.025	2.169	0.546	White	I-125	1.500	1.172
CLWD-1000-58-112	1000kcmil	750 G,H,I FLEX 777.7 DLO	1000kcmil - 750kcmil	5/8	0.562	1.500	3.000	3.000	7.025	2.169	0.671	White	I-125	1.500	1.172

* When installed with specified dieless tools

+ See pages 204 to 209 for complete tooling information.

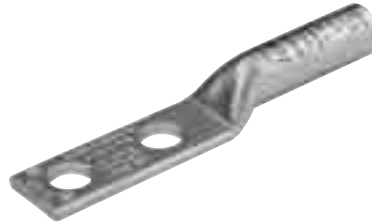
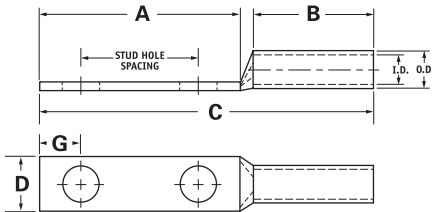
For Bent Tangs change the 4th letter to a B and add "-4" for 45 deg. or "-9" for 90 deg.



TYPE CLND

Features

- Manufactured from high strength seamless copper tubing.
- Electro-Tin plated.
- Maximum conductivity and excellent crimping characteristics.
- Long barrel length with chamfered entry.
- Color coded.
- UL 486A 90°C Listed and CSA Certified for 600 Volts.
- If proper high voltage spacing and insulation techniques are used, may be used for high voltage applications up to 35KV.
- For Copper conductor only.
- IlSCO connectors are UL Listed and CSA Certified with ILSCO and other Manufacturers' tools.+
- UL File E6207



Catalog Number	Wire Size	Alt Wire Size	Expanded* Wire Range	Bolt Size	Stud Hole Dia.	Stud Hole Spacing	Dimensions					Die Color Code	Die Index	O.D.	I.D.
							A	B	C	D	G				
CLND-8-10-58	#8 AWG	#8 FLEX	-	10	0.219	0.625	1.250	0.812	2.257	0.374	0.258	Red	I-21	0.272	0.179
CLND-8-10-34	#8 AWG	#8 FLEX	-	10	0.219	0.750	1.437	0.812	2.444	0.374	0.258	Red	I-21	0.272	0.179
CLND-8-14-58	#8 AWG	#8 FLEX	-	1/4	0.281	0.625	1.437	0.812	2.444	0.486	0.320	Red	I-21	0.272	0.179
CLND-8-14-34	#8 AWG	#8 FLEX	-	1/4	0.281	0.750	1.437	0.812	2.444	0.486	0.320	Red	I-21	0.272	0.179
CLND-8-14-1	#8 AWG	#8 FLEX	-	1/4	0.281	1.000	1.687	0.812	2.694	0.486	0.320	Red	I-21	0.272	0.179
CLND-8-38-1	#8 AWG	#8 FLEX	-	3/8	0.406	1.000	1.937	0.812	2.944	0.593	0.414	Red	I-21	0.272	0.179
CLND-6-10-12	#6 AWG	-	-	10	0.219	0.500	1.250	1.125	2.570	0.411	0.258	Blue	I-24	0.295	0.203
CLND-6-10-58	#6 AWG	-	-	10	0.219	0.625	1.250	1.125	2.570	0.411	0.258	Blue	I-24	0.295	0.203
CLND-6-10-1116	#6 AWG	-	-	10	0.219	0.687	1.250	1.125	2.570	0.411	0.258	Blue	I-24	0.295	0.203
CLND-6-10-34	#6 AWG	-	-	10	0.219	0.750	1.437	1.125	2.757	0.411	0.258	Blue	I-24	0.295	0.203
CLND-6-14-12	#6 AWG	-	-	1/4	0.281	0.500	1.250	1.125	2.570	0.411	0.320	Blue	I-24	0.295	0.203
CLND-6-14-58	#6 AWG	-	-	1/4	0.281	0.625	1.437	1.125	2.757	0.411	0.320	Blue	I-24	0.295	0.203
CLND-6-14-34	#6 AWG	-	-	1/4	0.281	0.750	1.437	1.125	2.757	0.411	0.320	Blue	I-24	0.295	0.203
CLND-6-14-1	#6 AWG	-	-	1/4	0.281	1.000	1.687	1.125	3.007	0.411	0.320	Blue	I-24	0.295	0.203
CLND-6-516-34	#6 AWG	-	-	5/16	0.343	0.750	1.687	1.125	3.007	0.532	0.352	Blue	I-24	0.295	0.203
CLND-6-516-1	#6 AWG	-	-	5/16	0.343	1.000	1.937	1.125	3.257	0.532	0.352	Blue	I-24	0.295	0.203
CLND-6-38-34	#6 AWG	-	-	3/8	0.406	0.750	1.687	1.125	3.007	0.593	0.414	Blue	I-24	0.295	0.203
CLND-6-38-78	#6 AWG	-	-	3/8	0.406	0.875	1.937	1.125	3.257	0.593	0.414	Blue	I-24	0.295	0.203
CLND-6-38-1	#6 AWG	-	-	3/8	0.406	1.000	1.937	1.125	3.257	0.593	0.414	Blue	I-24	0.295	0.203
CLND-6-12-134	#6 AWG	-	-	1/2	0.562	1.750	3.000	1.125	4.320	0.750	0.546	Blue	I-24	0.295	0.203

* When installed with specified dieless tools

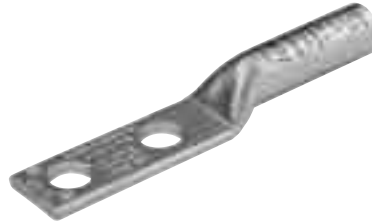
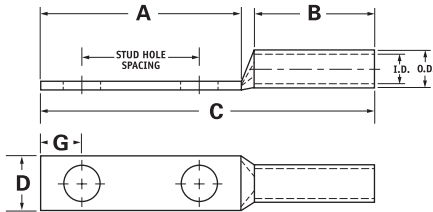
+ See pages 204 to 209 for complete tooling information.

For Bent Tangs change the 4th letter to a B and add "-4" for 45 deg. or "-9" for 90 deg.

TYPE CLND

Features

- Manufactured from high strength seamless copper tubing.
- Electro-Tin plated.
- Maximum conductivity and excellent crimping characteristics.
- Long barrel length with chamfered entry.
- Color coded.
- UL 486A 90°C Listed and CSA Certified for 600 Volts.
- If proper high voltage spacing and insulation techniques are used, may be used for high voltage applications up to 35KV.
- For Copper conductor only.
- IlSCO connectors are UL Listed and CSA Certified with ILSCO and other Manufacturers' tools.+
- UL File E6207



Catalog Number	Wire Size	Alt Wire Size	Expanded* Wire Range	Bolt Size	Stud Hole Dia.	Stud Hole Spacing	Dimensions					Die Color Code	Die Index	O.D.	I.D.
							A	B	C	D	G				
CLND-4-10-58	#4 AWG	#6 FLEX	4-6 AWG	10	0.219	0.625	1.250	1.125	2.609	0.486	0.258	Gray	I-29	0.343	0.250
CLND-4-10-34	#4 AWG	#6 FLEX	4-6 AWG	10	0.219	0.750	1.437	1.125	2.796	0.486	0.258	Gray	I-29	0.343	0.250
CLND-4-10-1	#4 AWG	#6 FLEX	4-6 AWG	10	0.219	1.000	1.687	1.125	3.046	0.486	0.258	Gray	I-29	0.343	0.250
CLND-4-14-58	#4 AWG	#6 FLEX	4-6 AWG	1/4	0.281	0.625	1.437	1.125	2.796	0.486	0.320	Gray	I-29	0.343	0.250
CLND-4-14-34	#4 AWG	#6 FLEX	4-6 AWG	1/4	0.281	0.750	1.437	1.125	2.796	0.486	0.320	Gray	I-29	0.343	0.250
CLND-4-516-34	#4 AWG	#6 FLEX	4-6 AWG	5/16	0.343	0.750	1.687	1.125	3.046	0.486	0.352	Gray	I-29	0.343	0.250
CLND-4-516-1	#4 AWG	#6 FLEX	4-6 AWG	5/16	0.343	1.000	1.937	1.125	3.296	0.486	0.352	Gray	I-29	0.343	0.250
CLND-4-38-34	#4 AWG	#6 FLEX	4-6 AWG	3/8	0.406	0.750	1.687	1.125	3.046	0.593	0.414	Gray	I-29	0.343	0.250
CLND-4-38-1	#4 AWG	#6 FLEX	4-6 AWG	3/8	0.406	1.000	1.937	1.125	3.296	0.593	0.414	Gray	I-29	0.343	0.250
CLND-4-12-134	#4 AWG	#6 FLEX	4-6 AWG	1/2	0.562	1.750	3.000	1.125	4.359	0.750	0.546	Gray	I-29	0.343	0.250
CLND-3-14-58	#3 AWG	#4 FLEX	3-6 AWG	1/4	0.281	0.625	1.437	1.125	2.817	0.532	0.320	White	I-29	0.375	0.275
CLND-3-14-34	#3 AWG	#4 FLEX	3-6 AWG	1/4	0.281	0.750	1.437	1.125	2.817	0.532	0.320	White	I-29	0.375	0.275
CLND-3-516-58	#3 AWG	#4 FLEX	3-6 AWG	5/16	0.343	0.625	1.437	1.125	2.817	0.532	0.352	White	I-29	0.375	0.275
CLND-3-516-1	#3 AWG	#4 FLEX	3-6 AWG	5/16	0.343	1.000	1.937	1.125	3.317	0.532	0.352	White	I-29	0.375	0.275
CLND-3-38-34	#3 AWG	#4 FLEX	3-6 AWG	3/8	0.406	0.750	1.687	1.125	3.067	0.593	0.414	White	I-29	0.375	0.275
CLND-3-38-1	#3 AWG	#4 FLEX	3-6 AWG	3/8	0.406	1.000	1.937	1.125	3.317	0.593	0.414	White	I-29	0.375	0.275
CLND-3-12-134	#3 AWG	#4 FLEX	3-6 AWG	1/2	0.562	1.750	3.000	1.125	4.380	0.750	0.546	White	I-29	0.375	0.275

* When installed with specified dieless tools

+ See pages 204 to 209 for complete tooling information.

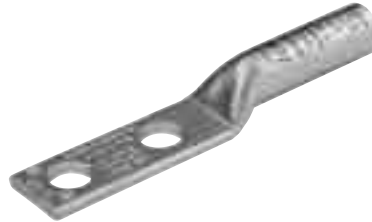
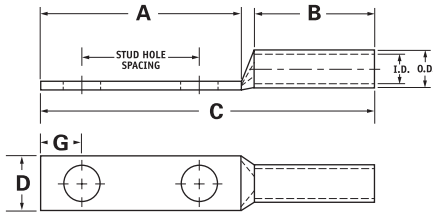
For Bent Tangs change the 4th letter to a B and add "-4" for 45 deg. or "-9" for 90 deg.



TYPE CLND

Features

- Manufactured from high strength seamless copper tubing.
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- Maximum conductivity and excellent crimping characteristics.
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- Color coded.
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- If proper high voltage spacing and insulation techniques are used, may be used for high voltage applications up to 35KV.
- For Copper conductor only.
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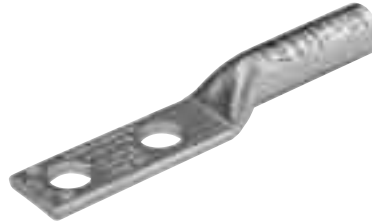
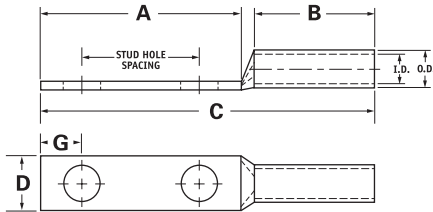
Catalog Number	Wire Size	Alt Wire Size	Expanded* Wire Range	Bolt Size	Stud Hole Dia.	Stud Hole Spacing	Dimensions					Die Color Code	Die Index	O.D.	I.D.
							A	B	C	D	G				
CLND-2-10-34	#2 AWG	-	2-6 AWG	10	0.219	0.750	1.437	1.125	2.848	0.599	0.258	Brown	I-33	0.421	0.312
CLND-2-14-58	#2 AWG	-	2-6 AWG	1/4	0.281	0.625	1.437	1.125	2.848	0.599	0.320	Brown	I-33	0.421	0.312
CLND-2-14-34	#2 AWG	-	2-6 AWG	1/4	0.281	0.750	1.437	1.125	2.848	0.599	0.320	Brown	I-33	0.421	0.312
CLND-2-14-1	#2 AWG	-	2-6 AWG	1/4	0.281	1.000	1.687	1.125	3.098	0.599	0.320	Brown	I-33	0.421	0.312
CLND-2-516-34	#2 AWG	-	2-6 AWG	5/16	0.343	0.750	1.687	1.125	3.098	0.599	0.352	Brown	I-33	0.421	0.312
CLND-2-516-1	#2 AWG	-	2-6 AWG	5/16	0.343	1.000	1.937	1.125	3.348	0.599	0.352	Brown	I-33	0.421	0.312
CLND-2-38-34	#2 AWG	-	2-6 AWG	3/8	0.406	0.750	1.687	1.125	3.098	0.599	0.414	Brown	I-33	0.421	0.312
CLND-2-38-78	#2 AWG	-	2-6 AWG	3/8	0.406	0.875	1.937	1.125	3.348	0.599	0.414	Brown	I-33	0.421	0.312
CLND-2-38-1	#2 AWG	-	2-6 AWG	3/8	0.406	1.000	1.937	1.125	3.348	0.599	0.414	Brown	I-33	0.421	0.312
CLND-2-38-134	#2 AWG	-	2-6 AWG	3/8	0.406	1.750	2.625	1.125	4.036	0.599	0.414	Brown	I-33	0.421	0.312
CLND-2-12-134	#2 AWG	-	2-6 AWG	1/2	0.562	1.750	3.000	1.125	4.411	0.750	0.546	Brown	I-33	0.421	0.312
CLND-1-14-58	#1 AWG	#2 FLEX	1-6 AWG	1/4	0.281	0.625	1.437	1.375	3.142	0.673	0.320	Green	I-37	0.468	0.359
CLND-1-14-34	#1 AWG	#2 FLEX	1-6 AWG	1/4	0.281	0.750	1.437	1.375	3.142	0.673	0.320	Green	I-37	0.468	0.359
CLND-1-14-1	#1 AWG	#2 FLEX	1-6 AWG	1/4	0.281	1.000	1.687	1.375	3.392	0.673	0.320	Green	I-37	0.468	0.359
CLND-1-516-78	#1 AWG	#2 FLEX	1-6 AWG	5/16	0.343	0.875	1.687	1.375	3.392	0.673	0.352	Green	I-37	0.468	0.359
CLND-1-516-1	#1 AWG	#2 FLEX	1-6 AWG	5/16	0.343	1.000	1.937	1.375	3.642	0.673	0.352	Green	I-37	0.468	0.359
CLND-1-38-1	#1 AWG	#2 FLEX	1-6 AWG	3/8	0.406	1.000	1.937	1.375	3.642	0.673	0.414	Green	I-37	0.468	0.359
CLND-1-12-134	#1 AWG	#2 FLEX	1-6 AWG	1/2	0.562	1.750	3.000	1.375	4.705	0.750	0.546	Green	I-37	0.468	0.359
CLND-1/0-14-58	1/0 AWG	#1 FLEX	1/0-6 AWG	1/4	0.281	0.625	1.437	1.500	3.293	0.738	0.320	Pink	I-42	0.515	0.390
CLND-1/0-14-34	1/0 AWG	#1 FLEX	1/0-6 AWG	1/4	0.281	0.750	1.437	1.500	3.293	0.738	0.320	Pink	I-42	0.515	0.390
CLND-1/0-14-1	1/0 AWG	#1 FLEX	1/0-6 AWG	1/4	0.281	1.000	1.687	1.500	3.543	0.738	0.320	Pink	I-42	0.515	0.390
CLND-1/0-516-34	1/0 AWG	#1 FLEX	1/0-6 AWG	5/16	0.343	0.750	1.687	1.500	3.543	0.738	0.352	Pink	I-42	0.515	0.390
CLND-1/0-516-78	1/0 AWG	#1 FLEX	1/0-6 AWG	5/16	0.343	0.875	1.687	1.500	3.543	0.738	0.352	Pink	I-42	0.515	0.390
CLND-1/0-516-1	1/0 AWG	#1 FLEX	1/0-6 AWG	5/16	0.343	1.000	1.937	1.500	3.793	0.738	0.352	Pink	I-42	0.515	0.390
CLND-1/0-38-1	1/0 AWG	#1 FLEX	1/0-6 AWG	3/8	0.406	1.000	1.937	1.500	3.793	0.738	0.414	Pink	I-42	0.515	0.390
CLND-1/0-38-134	1/0 AWG	#1 FLEX	1/0-6 AWG	3/8	0.406	1.750	2.625	1.500	4.481	0.738	0.414	Pink	I-42	0.515	0.390
CLND-1/0-12-1	1/0 AWG	#1 FLEX	1/0-6 AWG	1/2	0.562	1.000	2.125	1.500	3.981	0.738	0.546	Pink	I-42	0.515	0.390
CLND-1/0-12-134	1/0 AWG	#1 FLEX	1/0-6 AWG	1/2	0.562	1.750	3.000	1.500	4.856	0.738	0.546	Pink	I-42	0.515	0.390

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Features

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- Color coded.
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- If proper high voltage spacing and insulation techniques are used, may be used for high voltage applications up to 35KV.
- For Copper conductor only.
- IlSCO connectors are UL Listed and CSA Certified with ILSCO and other Manufacturers' tools.†
- UL File E6207



Catalog Number	Wire Size	Alt Wire Size	Expanded* Wire Range	Bolt Size	Stud Hole Dia.	Stud Hole Spacing	Dimensions					Die Color Code	Die Index	O.D.	I.D.
							A	B	C	D	G				
CLND-2/0-14-58	2/0 AWG	1/0 FLEX	2/0-4 AWG	1/4	0.281	0.625	1.437	1.500	3.333	0.811	0.320	Black	I-45	0.562	0.437
CLND-2/0-14-34	2/0 AWG	1/0 FLEX	2/0-4 AWG	1/4	0.281	0.750	1.437	1.500	3.333	0.811	0.320	Black	I-45	0.562	0.437
CLND-2/0-14-1	2/0 AWG	1/0 FLEX	2/0-4 AWG	1/4	0.281	1.000	1.687	1.500	3.583	0.811	0.320	Black	I-45	0.562	0.437
CLND-2/0-516-1	2/0 AWG	1/0 FLEX	2/0-4 AWG	5/16	0.343	1.000	1.937	1.500	3.833	0.811	0.352	Black	I-45	0.562	0.437
CLND-2/0-38-1	2/0 AWG	1/0 FLEX	2/0-4 AWG	3/8	0.406	1.000	1.937	1.500	3.833	0.811	0.414	Black	I-45	0.562	0.437
CLND-2/0-38-134	2/0 AWG	1/0 FLEX	2/0-4 AWG	3/8	0.406	1.750	2.625	1.500	4.521	0.811	0.414	Black	I-45	0.562	0.437
CLND-2/0-12-1	2/0 AWG	1/0 FLEX	2/0-4 AWG	1/2	0.562	1.000	2.125	1.500	4.021	0.811	0.546	Black	I-45	0.562	0.437
CLND-2/0-12-134	2/0 AWG	1/0 FLEX	2/0-4 AWG	1/2	0.562	1.750	3.000	1.500	4.896	0.811	0.546	Black	I-45	0.562	0.437
CLND-3/0-14-58	3/0 AWG	2/0 FLEX	3/0-2 AWG	1/4	0.281	0.625	1.437	1.500	3.376	0.885	0.320	Orange	I-50	0.609	0.484
CLND-3/0-14-34	3/0 AWG	2/0 FLEX	3/0-2 AWG	1/4	0.281	0.750	1.437	1.500	3.376	0.885	0.320	Orange	I-50	0.609	0.484
CLND-3/0-516-1	3/0 AWG	2/0 FLEX	3/0-2 AWG	5/16	0.343	1.000	1.937	1.500	3.876	0.885	0.352	Orange	I-50	0.609	0.484
CLND-3/0-38-1	3/0 AWG	2/0 FLEX	3/0-2 AWG	3/8	0.406	1.000	1.937	1.500	3.876	0.885	0.414	Orange	I-50	0.609	0.484
CLND-3/0-12-134	3/0 AWG	2/0 FLEX	3/0-2 AWG	1/2	0.562	1.750	3.000	1.500	4.939	0.885	0.546	Orange	I-50	0.609	0.484
CLND-4/0-14-58	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/4	0.281	0.625	1.437	1.500	3.428	0.999	0.320	Purple	I-54	0.687	0.546
CLND-4/0-14-34	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/4	0.281	0.750	1.437	1.500	3.428	0.999	0.320	Purple	I-54	0.687	0.546
CLND-4/0-14-1	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/4	0.281	1.000	1.687	1.500	3.678	0.999	0.320	Purple	I-54	0.687	0.546
CLND-4/0-516-34	4/0 AWG	3/0 FLEX	4/0-1 AWG	5/16	0.343	0.750	1.687	1.500	3.678	0.999	0.352	Purple	I-54	0.687	0.546
CLND-4/0-516-1	4/0 AWG	3/0 FLEX	4/0-1 AWG	5/16	0.343	1.000	1.937	1.500	3.928	0.999	0.352	Purple	I-54	0.687	0.546
CLND-4/0-516-134	4/0 AWG	3/0 FLEX	4/0-1 AWG	5/16	0.343	1.750	2.500	1.500	4.491	0.999	0.352	Purple	I-54	0.687	0.546
CLND-4/0-38-1	4/0 AWG	3/0 FLEX	4/0-1 AWG	3/8	0.406	1.000	1.937	1.500	3.928	0.999	0.414	Purple	I-54	0.687	0.546
CLND-4/0-38-134	4/0 AWG	3/0 FLEX	4/0-1 AWG	3/8	0.406	1.750	2.625	1.500	4.616	0.999	0.414	Purple	I-54	0.687	0.546
CLND-4/0-12-1	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/2	0.562	1.000	2.125	1.500	4.116	0.999	0.546	Purple	I-54	0.687	0.546
CLND-4/0-12-114	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/2	0.562	1.250	2.500	1.500	4.491	0.999	0.546	Purple	I-54	0.687	0.546
CLND-4/0-12-134	4/0 AWG	3/0 FLEX	4/0-1 AWG	1/2	0.562	1.750	3.000	1.500	4.991	0.999	0.546	Purple	I-54	0.687	0.546
CLND-250-14-34	250kcmil	4/0 FLEX	250kcmil - 1/0 AWG	1/4	0.281	0.750	1.437	1.688	3.656	1.088	0.320	Yellow	I-62	0.750	0.593
CLND-250-38-1	250kcmil	4/0 FLEX	250kcmil - 1/0 AWG	3/8	0.406	1.000	1.937	1.688	4.156	1.088	0.414	Yellow	I-62	0.750	0.593
CLND-250-38-134	250kcmil	4/0 FLEX	250kcmil - 1/0 AWG	3/8	0.406	1.750	2.625	1.688	4.844	1.088	0.414	Yellow	I-62	0.750	0.593
CLND-250-12-114	250kcmil	4/0 FLEX	250kcmil - 1/0 AWG	1/2	0.562	1.250	2.500	1.688	4.719	1.088	0.546	Yellow	I-62	0.750	0.593
CLND-250-12-134	250kcmil	4/0 FLEX	250kcmil - 1/0 AWG	1/2	0.562	1.750	3.000	1.688	5.219	1.088	0.546	Yellow	I-62	0.750	0.593

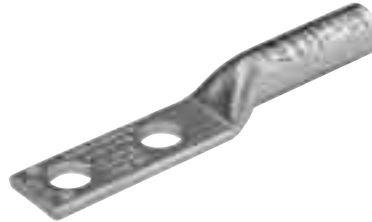
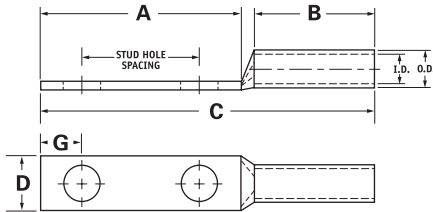
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Catalog Number	Wire Size	Alt Wire Size	Expanded* Wire Range	Bolt Size	Stud Hole Dia.	Stud Hole Spacing	Dimensions					Color Code	Die Die Index	O.D.	I.D.
							A	B	C	D	G				
CLND-300-38-1	300kcmil	250 G,H FLEX	300kcmil - 2/0 AWG	3/8	0.406	1.000	1.937	2.000	4.524	1.189	0.414	White	I-66	0.812	0.660
CLND-300-12-134	300kcmil	250 G,H FLEX	300kcmil - 2/0 AWG	1/2	0.562	1.750	3.000	2.000	5.587	1.189	0.546	White	I-66	0.812	0.660
CLND-350-14-34	350kcmil	250 I,K,M FLEX 262.2 DLO	350kcmil - 3/0 AWG	1/4	0.281	0.750	1.437	2.000	4.060	1.291	0.320	Red	I-71	0.890	0.703
CLND-350-516-134	350kcmil	250 I,K,M FLEX 262.2 DLO	350kcmil - 3/0 AWG	5/16	0.343	1.750	2.500	2.000	5.123	1.291	0.352	Red	I-71	0.890	0.703
CLND-350-38-1	350kcmil	250 I,K,M FLEX 262.2 DLO	350kcmil - 3/0 AWG	3/8	0.406	1.000	1.937	2.000	4.560	1.291	0.414	Red	I-71	0.890	0.703
CLND-350-12-114	350kcmil	250 I,K,M FLEX 262.2 DLO	350kcmil - 3/0 AWG	1/2	0.562	1.250	2.500	2.000	5.123	1.291	0.546	Red	I-71	0.890	0.703
CLND-350-12-134	350kcmil	250 I,K,M FLEX 262.2 DLO	350kcmil - 3/0 AWG	1/2	0.562	1.750	3.000	2.000	5.623	1.291	0.546	Red	I-71	0.890	0.703
CLND-400-38-1	400kcmil	300 G,H,I,K,M FLEX 313.1 DLO	400kcmil - 4/0 AWG	3/8	0.406	1.000	1.937	2.125	4.729	1.365	0.414	Blue	I-76	0.937	0.750
CLND-400-38-116	400kcmil	300 G,H,I,K,M FLEX 313.1 DLO	400kcmil - 4/0 AWG	3/8	0.406	1.062	1.937	2.125	4.729	1.365	0.414	Blue	I-76	0.937	0.750
CLND-400-12-134	400kcmil	300 G,H,I,K,M FLEX 313.1 DLO	400kcmil - 4/0 AWG	1/2	0.562	1.750	3.000	2.125	5.792	1.365	0.546	Blue	I-76	0.937	0.750
CLND-500-14-34	500kcmil	350 G,H,I,K,M FLEX 373.7 DLO	500kcmil - 250kcmil	1/4	0.281	0.750	1.437	2.250	4.419	1.535	0.320	Brown	I-87	1.062	0.828
CLND-500-38-1	500kcmil	350 G,H,I,K,M FLEX 373.7 DLO	500kcmil - 250kcmil	3/8	0.406	1.000	1.937	2.250	4.919	1.535	0.414	Brown	I-87	1.062	0.828
CLND-500-12-114	500kcmil	350 G,H,I,K,M FLEX 373.7 DLO	500kcmil - 250kcmil	1/2	0.562	1.250	2.500	2.250	5.482	1.535	0.546	Brown	I-87	1.062	0.828
CLND-500-12-134	500kcmil	350 G,H,I,K,M FLEX 373.7 DLO	500kcmil - 250kcmil	1/2	0.562	1.750	3.000	2.250	5.982	1.535	0.546	Brown	I-87	1.062	0.828
CLND-600-38-1	600kcmil	400 G,H,I,K,M FLEX 444.4 DLO	600kcmil - 250kcmil	3/8	0.406	1.000	1.937	2.687	5.433	1.712	0.414	Green	I-94	1.187	0.920
CLND-600-12-134	600kcmil	400 G,H,I,K,M FLEX 444.4 DLO	600kcmil - 250kcmil	1/2	0.562	1.750	3.000	2.687	6.496	1.712	0.546	Green	I-94	1.187	0.920

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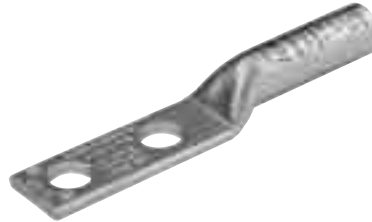
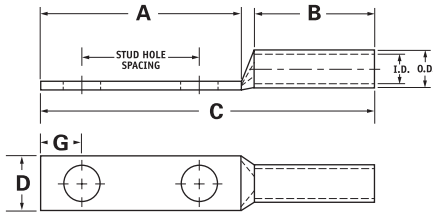
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							A	B	C	D	G				
CLND-650-12-114	650kcmil	500 G,H,I,K,M FLEX 535.3 DLO	650kcmil - 350kcmil	1/2	0.562	1.25	2.5	2.687	6.056	1.764	0.546	Pink	I-99	1.217	0.958
CLND-650-12-134	650kcmil	500 G,H,I,K,M FLEX 535.3 DLO	650kcmil - 350kcmil	1/2	0.562	1.75	3	2.687	6.556	1.764	0.546	Pink	I-99	1.217	0.958
CLND-650-38-1	650kcmil	500 G,H,I,K,M FLEX 535.3 DLO	650kcmil - 350kcmil	3/8	0.406	1	2.125	2.687	5.493	1.764	0.414	Pink	I-99	1.217	0.958
CLND-650-38-118	650kcmil	500 G,H,I,K,M FLEX 535.3 DLO	650kcmil - 350kcmil	3/8	0.406	1.125	2.125	2.687	5.681	1.764	0.414	Pink	I-99	1.217	0.958
CLND-650-516-1	650kcmil	500 G,H,I,K,M FLEX 535.3 DLO	650kcmil - 350kcmil	1/32	0.343	1	1.937	2.687	5.493	1.764	0.3515	Pink	I-99	1.217	0.958
CLND-700-38-1	700kcmil	500 G,H,I,K,M FLEX 535.3 DLO	700kcmil - 350kcmil	3/8	0.406	1.000	1.937	2.687	5.493	1.816	0.414	Pink	I-99	1.250	0.991
CLND-700-38-118	700kcmil	500 G,H,I,K,M FLEX 535.3 DLO	700kcmil - 350kcmil	3/8	0.406	1.125	2.125	2.687	5.681	1.816	0.414	Pink	I-99	1.250	0.991
CLND-700-12-112	700kcmil	500 G,H,I,K,M FLEX 535.3 DLO	700kcmil - 350kcmil	1/2	0.562	1.500	2.625	2.687	6.181	1.816	0.546	Pink	I-99	1.250	0.991
CLND-700-12-134	700kcmil	500 G,H,I,K,M FLEX 535.3 DLO	700kcmil - 350kcmil	1/2	0.562	1.750	3.000	2.687	6.556	1.816	0.546	Pink	I-99	1.250	0.991
CLND-700-12-178	700kcmil	500 G,H,I,K,M FLEX 535.3 DLO	700kcmil - 350kcmil	1/2	0.562	1.875	3.000	2.687	6.556	1.816	0.546	Pink	I-99	1.250	0.991
CLND-750-38-1	750kcmil	600 G,H,I,M FLEX 646.4 DLO	750kcmil - 500kcmil	3/8	0.406	1.000	1.937	2.875	5.714	1.901	0.414	Black	I-106	1.313	1.031
CLND-750-38-118	750kcmil	600 G,H,I,M FLEX 646.4 DLO	750kcmil - 500kcmil	3/8	0.406	1.125	2.125	2.875	5.902	1.901	0.414	Black	I-106	1.313	1.031
CLND-750-12-112	750kcmil	600 G,H,I,M FLEX 646.4 DLO	750kcmil - 500kcmil	1/2	0.562	1.500	2.625	2.875	6.402	1.901	0.546	Black	I-106	1.313	1.031
CLND-750-12-134	750kcmil	600 G,H,I,M FLEX 646.4 DLO	750kcmil - 500kcmil	1/2	0.562	1.750	3.000	2.875	6.777	1.901	0.546	Black	I-106	1.313	1.031
CLND-750-58-112	750kcmil	600 G,H,I,M FLEX 646.4 DLO	750kcmil - 500kcmil	5/8	0.562	1.500	3.000	2.875	6.777	1.901	0.671	Black	I-106	1.313	1.031
CLND-1000-38-1	1000kcmil	750 G,H,I FLEX 777.7 DLO	1000kcmil - 750kcmil	3/8	0.406	1.000	1.937	3.000	5.962	2.169	0.414	White	I-125	1.500	1.172
CLND-1000-12-114	1000kcmil	750 G,H,I FLEX 777.7 DLO	1000kcmil - 750kcmil	1/2	0.562	1.250	2.500	3.000	6.525	2.169	0.546	White	I-125	1.500	1.172
CLND-1000-12-134	1000kcmil	750 G,H,I FLEX 777.7 DLO	1000kcmil - 750kcmil	1/2	0.562	1.750	3.000	3.000	7.025	2.169	0.546	White	I-125	1.500	1.172
CLND-1000-58-112	1000kcmil	750 G,H,I FLEX 777.7 DLO	1000kcmil - 750kcmil	5/8	0.562	1.500	3.000	3.000	7.025	2.169	0.671	White	I-125	1.500	1.172

* When installed with specified dieless tools + See pages 204 to 209 for complete tooling information.
For Bent Tangs change the 4th letter to a B and add "-4" for 45 deg. or "-9" for 90 deg.



IK3



135

AK



136

DBA, DBA-S



137

IK



138

IKB



139

IKS



140

SK



141

GTA



142

GTT



143

GTC



144

GT2



145

UTILCO Copper Three Wire Split Bolts



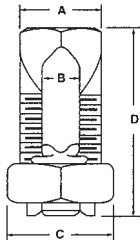
TYPE IK3

Features

- Manufactured from high strength copper alloy.
- Precision tooled threads.
- UL 467 Listed for Grounding and Bonding thru 500kcmil
- CSA certified for Grounding and Bonding thru 250kcmil
- UL listed and CSA Certified for 600 volts, 90° C
- RUS Accepted
- For use with copper conductor types: Solid, Compact, Compressed, Concentric.
- ROHS compliant.

Benefits

- Provides maximum conductivity and high breakage resistance.
- Allows maximum torque to be applied.
- Suitable for direct burial and earth and concrete.



Catalog Number	Range For Equal Main & Tap	Min. Tap With One Max. Main	Max Cond Copperweld		Wire Diameter Range	Dimensions				Recommended Torque (IN-LB)
			Str	Type A		A	B	C	D	
IK3-8	8str - 16str	16str	-	-	.057 - .145	0.144	0.375	0.500	0.844	80
IK3-6	6sol - 10sol	16sol	-	-	.102 - .162	0.166	0.500	0.625	1.109	165
IK3-4	4sol - 8sol	16sol	3 No. 12	8A	.128 - .204	0.217	0.562	0.688	1.266	165
IK3-2	2str - 6sol	14str	3 No. 7	3A	.162 - .258	0.326	0.688	0.812	1.547	275

UL File E6207



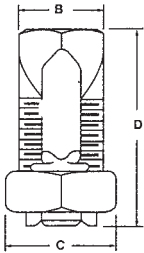
TYPE AK

Features

- Manufactured from heat treated aluminum alloy
- Triangular edges
- UL Listed and CSA Certified for 600 volts, 90° C
- Electro-tin plated
- Spacer bar
- Hex Head

Benefits

- Provides maximum conductivity and strength for copper and aluminum conductors
- Bite into the conductor to break through surface oxides which eliminates wire brushing
- Ensures reliability for copper or aluminum conductors
- Provides low contact resistance
- Separates dissimilar metals which prevents galvanic corrosion
- Provides ease of installation with standard wrenches



Catalog Number	Wire Range		Recommended Tightening Torque	Dimensions		
	Main	Tap		B	C	D
AK-6	6 str-10 sol	6 str-10 sol	165	.56	.75	1.88
AK-4	4 str-8 sol	4 str-10 sol	165	.62	.81	1.38
AK-2	2 str-6 str Compact	2 str-8 str	275	.69	.94	1.58
AK-1/0	1/0 str-2 str Compact	1/0 str-8 str	385	.75	1.00	1.92
AK-2/0	2/0 str-2 str Compact	2/0 str-8 str	385	.88	1.12	1.92
AK-4/0	4/0 str-2 str Compact	4/0 str-6 str	500	1.13	1.49	2.54
AK-350	350kcmil-1/0 str Compact	350kcmil-4 str	650	1.50	1.69	3.24
AK-500	500kcmil-400kcmil Compact	500kcmil-2 str Compact	825	1.73	2.00	3.62

DE-OX Inhibitor is recommended for all aluminum terminations.

UL File E9998

UTILCO Aluminum Two Bolt Connectors - Dual Rated

TYPE DBA DBA-S

Features

- Manufactured from high strength aluminum alloy
- Heat treated
- Wax plated
- Neoprene washers
- Range taking
- Re-usable
- Type DBA-S - Spacer bar
- Rated for 600 volts

Benefits

- Type DBA - Suitable for copper to copper or aluminum to aluminum conductors
- Type DBA-S - Suitable for copper and/or aluminum conductors in any combination
- Provides maximum strength
- Provides low contact resistance
- Hold the bolts captive and eliminate the possibility of loose hardware
- Permits inventories to be kept to a minimum
- Provides efficient use and flexibility in the field
- Separates dissimilar metals

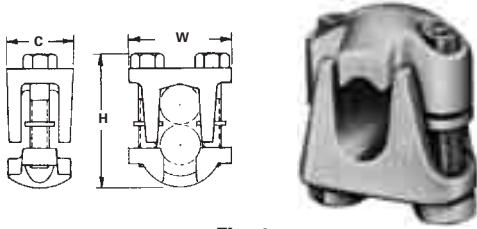


Fig. 1

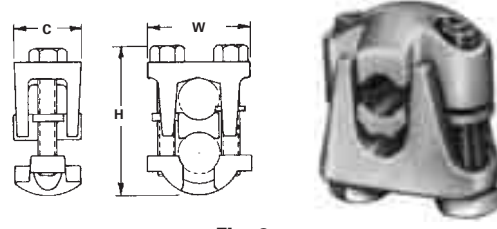


Fig. 2

Catalog Number	Figure Number	Wire Range		Dimensions		
		Main	Tap	C	W	H
DBA-2/0	1	2/0-2	2/0-10	1-1/8	1-5/8	1-5/8
DBA-250	1	250kcmil-1/0	250kcmil-10	1-5/16	2	2
DBA-350	1	350kcmil-4/0	350kcmil-10	1-9/16	2-11/32	2-1/4
DBA-500	1	500kcmil-350kcmil	500kcmil-10	1-3/4	2-1/2	2-3/4
DBA-800	1	800kcmil-400kcmil	800kcmil-3/0	1-7/8	2-7/8	3
DBA-1000	1	1000kcmil-500kcmil	1000kcmil-3/0	2-1/4	3-3/16	3-1/2
DBA-2/0S	2	2/0-2	2/0-10	1-1/8	1-5/8	1-5/8
DBA-250S	2	250kcmil-1/0	250kcmil-10	1-5/16	2	2
DBA-350S	2	350kcmil-4/0	350kcmil-10	1-9/16	2-11/32	2-1/4
DBA-500S	2	500kcmil-350kcmil	500kcmil-10	1-3/4	2-1/2	2-3/4
DBA-800S	2	800kcmil-400kcmil	800kcmil-3/0	1-7/8	2-7/8	3
DBA-1000S	2	1000kcmil-500kcmil	1000kcmil-3/0	2-1/4	3-3/16	3-1/2

DE-OX Inhibitor is recommended for all aluminum terminations.

UTILCO Copper Split Bolts



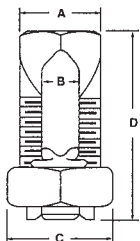
TYPE IK

Features

- Manufactured from high strength copper alloy.
- Precision tooled threads.
- UL 467 Listed for Grounding and Bonding 8 thru 500kcmil
- CSA certified for Grounding and Bonding 8 thru 250kcmil
- UL listed and CSA Certified for 600 volts, 90° C
- RUS Accepted 8 thru 1/0 AWG
- For use with copper conductor types: Solid, Compact, Compressed, Concentric.
- ROHS compliant.

Benefits

- Provides maximum conductivity and high breakage resistance.
- Allows maximum torque to be applied.
- Suitable for direct burial and earth and concrete.



Catalog Number	Range For Equal Main & Tap	Min. Tap With One Max. Main	Max. Cond Copperweld		Rebar With 6 or 8 AWG	Wire Diameter	Dimensions				Recommended Torque (IN-LB)
			Str	Type A			A	B	C	D	
IK-10	10str - 16str	16str	-	-	N/A	.057 - .125	.125	0.344	0.500	0.719	80
IK-8	8str - 16str	16str	-	-	N/A	.057 - .145	.145	0.375	0.500	0.844	80
IK-6	6sol - 10sol	16sol	-	-	N/A	.102 - .162	.165	0.500	0.625	1.047	165
IK-4	4sol - 8sol	16sol	3 No. 12	8A	N/A	.128 - .204	.215	0.562	0.688	1.047	165
IK-3	2sol - 6sol	12sol	3 No. 9	5A	N/A	.162 - .258	.328	0.688	0.812	1.312	275
IK-2	2str - 6sol	14str	3 No. 7	3A	N/A	.162 - .292	.328	0.688	0.812	1.312	275
IK-1/0	1/0str - 4sol	14sol	3 No. 6	2A	N/A	.204 - .375	.377	0.750	0.875	1.641	385
IK-2/0	2/0str - 2sol	14str	3 No. 5	-	#3 (3/8)	.258 - .418	.420	0.812	1.000	1.812	385
IK-3/0	3/0str - 2sol	12sol	7 No. 7	-	N/A	.258 - .470	0.466	0.875	1.125	2.000	500
IK-250	250kcmil - 1/0sol	10sol	7 No. 5	-	#4 (1/2)	.325 - .575	0.579	1.000	1.312	2.078	650
IK-350	350kcmil - 4/0str	8sol	19 No. 7	-	#5 (5/8)	.528 - .682	0.746	1.500	1.625	2.625	650
IK-500	500kcmil - 250kcmil	8sol	19 No. 6	-	#6 (3/4)	.575 - .815	0.834	1.625	1.812	3.000	825
IK-750	750kcmil - 350kcmil	8sol	19 No. 5	-	N/A	.682 - .999	1.030	1.938	2.125	3.750	1000
IK-1000	1000kcmil - 500kcmil	8sol	-	-	N/A	.815 - 1.153	1.222	2.250	2.500	4.000	1100

UL File E6207

UTILCO Copper Two Bolt Connectors



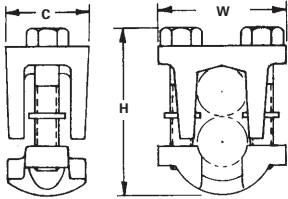
TYPE IKB

Features

- Manufactured from high strength copper alloy
- Two bolt design
- Longer peened bolt
- UL Listed for 600 volts
- For copper conductor only

Benefits

- Allows maximum conductivity and high breakage resistance
- Allows maximum pressure to be applied directly to the conductor strands
- Permits a swivel action for easier installation
- Ensures reliability



Catalog Number	Copper Wire Range		Dimensions		
	Main	Tap	C	H	W
IKB-4/0 +	1/0-4/0	4/0-10	1.10	1.97	1.72
IKB-350 +	350kcmil-250kcmil	350kcmil-10	1.38	2.48	1.12
IKB-500	500kcmil-400kcmil	500kcmil-10	1.50	2.80	2.25
IKB-800	800kcmil-400kcmil	800kcmil-3/0	1.62	3.32	2.50
IKB-1000	1000kcmil-500kcmil	1000kcmil-3/0	2.00	3.78	3.03

+ REA Listed

Tested to UL 486A-486B, UL File E6207



UTILCO Two Bolt Connectors

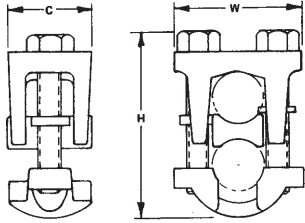
TYPE IKS

Features

- Manufactured from high strength copper alloy
- Electro-tin plated
- Two bolt design
- Longer peened bolt
- Serrated spacer bar
- For copper conductor only
- Rated for 600 volts

Benefits

- Allows maximum conductivity and high breakage resistance
- Provides low contact resistance
- Allows maximum pressure to be applied directly to the conductor strands
- Permits a swivel action for easier installation
- Makes a secure connection
- Ensures reliability



Catalog Number	Wire Range		Dimensions		
	Main	Tap	C	H	W
IKS-4/0	4/0-1/0	4/0-6	1.12	2.31	1.72
IKS-350	350kcmil-250kcmil	350kcmil-6	1.38	2.62	2.12
IKS-500	500kcmil-400kcmil	500kcmil-4	1.50	3.00	2.26
IKS-800	800kcmil-400kcmil	800kcmil-4/0	1.62	3.50	2.50
IKS-1000	1000kcmil-500kcmil	1000kcmil-4/0	2.00	4.03	3.03

UTILCO Copper Tin-Plated Split Bolts



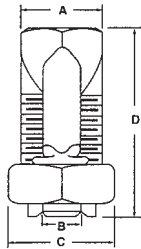
TYPE SK

Features

- Manufactured from high strength copper alloy.
- Electro-tin plated bolt, nut, spacer and pressure bar
- Precision tooled threads.
- UL listed and CSA Certified for 600 volts, 90° C
- SK-10, SK-8, SK3, SK-2 SK-1/0, SK-2/0 are RUS Accepted.
- For use with copper conductor types: Solid, Compact, Compressed, Concentric.
- ROHS compliant.

Benefits

- Provides maximum conductivity and high breakage resistance.
- Provides low contact resistance.
- Suitable for direct burial and earth and concrete.



Catalog Number	Range For Equal Main & Tap	Min. Tap With One Max. Main	Max Cond Copperweld		Wire Diameter Range	Dimensions				Recommended Torque (IN-LB)
			Str	Type A		A	B	C	D	
SK-10	10str - 16str	16str	-	-	.057 - .116	.144	0.375	0.500	0.844	80
SK-8	8str - 16str	16str	-	-	.057 - .145	0.144	0.375	0.500	0.844	80
SK-6	8str - 14str	14str	-	-	.073 - .146	.166	0.500	0.625	1.109	165
SK-4	6str - 10str	10sol	3 No. 12	8A	.116 - .184	0.217	0.562	0.688	1.266	165
SK-3	4str - 8sol AL 2sol - 8sol CU	8sol AL 8sol CU	3 No. 9	5A	.128 - .258	0.326	0.688	0.812	1.547	275
SK-2	2str - 8sol	8sol	3 No. 7	3A	.128 - .316	0.326	0.688	0.812	1.547	275
SK-1/0	1/0str - 6sol	10sol	3 No. 6	-	.162 - .375	0.376	0.750	0.875	1.641	385
SK-2/0	2/0str - 6str	10sol	3 No. 5	-	.184 - .419	.420	0.812	1.000	1.812	385
SK-3/0	3/0str - 4str	6sol	7 No. 7	-	.198 - .470	0.466	0.875	1.125	2.000	500
SK-250	250kcmil - 4str	4str	7 No. 5	-	.232 - .575	0.577	1.000	1.312	2.328	650
SK-350	350kcmil - 3/0str	1sol	19 No. 7	-	.447 - .682	0.746	1.500	1.625	2.625	650
SK-500	500kcmil - 3/0str	1/0str	19 No. 6	-	.447 - .815	0.834	1.625	1.812	3.000	825
SK-750	750kcmil - 250kcmil	2/0str	19 No. 5	-	.563 - .999	1.030	1.938	2.125	3.750	1000
SK-1000	1000kcmil - 350kcmil	4/0str	-	-	.682 - 1.162	1.222	2.250	2.500	4.000	1100

UL File E12822

TYPE GTA

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Electro-tin plated
- UL Listed and CSA Certified for 600 volts, Temp. rating 90° C
- Compact design
- Range taking
- Re-usable
- Lay-in main conductor
- Insulating cover available

Benefits

- Suitable for use with either copper or aluminum conductors
- Provides low contact resistance
- Ensures reliability for copper or aluminum conductors
- Saves space and reduces installation time
- Permits inventories to be kept to a minimum
- Provides efficient use and flexibility in the field
- No need to break the feeder cable
- Eliminates taping

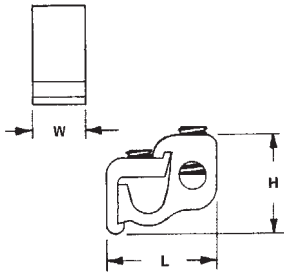


Fig. 1



Fig. 2



Catalog Number		Figure Number	Wire Range		Dimensions			Hex Size	
Connector	Cover		Main	Tap	L	W	H	Main	Tap
GTA-2-2	GTC-2	1	2-12 str	2-12 AL 2-14 CU	1-1/4	9/16	1	Slot	Slot
GTA-0-0	GTC-0	1	1/0-2	1/0-12 AL 1/0-14 CU	1-9/16	3/4	1-1/8	Slot	Slot
GTA-250-0	GTC-250-350	1	250kcmil-1/0	1/0-12 AL 1/0-14 CU	2	15/16	1-7/16	5/16	Slot
GTA-250-250	GTC-250-350	1	250kcmil-1/0	250kcmil-6	2-1/8	15/16	1-7/16	5/16	5/16
GTA-350-350	GTC-250-350	1	350kcmil-4/0	350kcmil-6	2-7/16	1	1-11/16	3/8	3/8
GTA-500-500	GTC-500	1	500kcmil-350kcmil	500kcmil-2	2-15/16	1-1/4	2	3/8	3/8
GTA-750-500	GTC-750-500	1	750kcmil-500kcmil	500kcmil-2	3-3/8	1-5/16	2-7/16	3/8	3/8
GTA-750-750	GTPC-750-750	2	750kcmil-500kcmil	750kcmil-1/0	3-3/8	2-5/8	2-7/16	1/2	1/2
GTA-1000-500	Not Available	1	1000kcmil-750kcmil	500kcmil-2	3-3/8	1-15/16	2-7/16	1/2	3/8

Insulating covers are available for most connector sizes.

See page 144 for additional information on covers.

Note: If ordering with cover, add suffix w/c to catalog number.

DE-OX Inhibitor is recommended for all aluminum terminations.

Tested to UL 486A-486B, UL File E6207

TYPE GTT

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Electro-tin plated
- UL Listed and CSA Certified for 600 volts, 90° C
- Compact design
- Range taking
- Re-usable
- Lay-in main conductor
- Insulating cover available

Benefits

- Suitable for use with either copper or aluminum conductors
- Provides low contact resistance
- Ensures reliability for copper or aluminum conductors
- Saves space and reduces installation time
- Permits inventories to be kept to a minimum
- Provides efficient use and flexibility in the field
- No need to break the feeder cable
- Eliminates taping

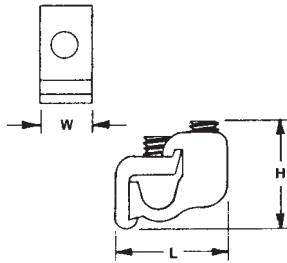


Fig. 1



Fig. 2



Catalog Number		Figure Number	Wire Range		Dimensions			Hex Size	
Connector	Cover		Main	Tap	L	W	H	Main	Tap
GTT-2-2	GTC-2	1	2-12 str	2-12 AL 2-14 CU	1-1/4	9/16	1	Slot	Slot
GTT-0-0	GTC-0	1	1/0-2	1/0-12 AL 1/0-14 CU	1-9/16	3/4	1-1/8	Slot	Slot
GTT-250-0	GTC-250-350	1	250kcmil-1/0	1/0-12 AL 1/0-14 CU	2	7/8	1-7/16	5/16	Slot
GTT-250-250	GTC-250-350	1	250kcmil-1/0	250kcmil-6	2-1/8	7/8	1-7/16	5/16	5/16
GTT-350-350	GTC-500	1	350kcmil-4/0	350kcmil-6	2-7/16	1	1-11/16	3/8	3/8
GTT-500-500	GTC-500	1	500kcmil-350kcmil	500kcmil-2	2-15/16	1-1/4	2	3/8	3/8
GTT-750-500	GTC-750-500	1	750kcmil-500kcmil	500kcmil-2	3-3/8	1-1/4	2-7/16	3/8	3/8
GTT-750-750	GTTC-750-750	2	750kcmil-500kcmil	750kcmil-600kcmil	3-3/8	2-3/8	2-7/16	1/2	EH 3/4
GTT-1000-500	Not Available	1	1000kcmil-750kcmil	500kcmil-2	3-3/8	1-1/4	2-7/16	1/2	3/8

EH-External Hex

Insulating covers are available for most connector sizes.

See page 144 for additional information on covers.

Note: If ordering with cover, add suffix w/c to catalog number.

DE-OX Inhibitor is recommended for all aluminum terminations.

Tested to UL 486A-486B, UL File E6207



TYPE GTC

Features

- Snap closure
- Color coded
- UL Listed and CSA Certified for 600 volts, 90° C except for GTPC-750-750 and GTTC-750-750

Benefits

- Installs quickly and saves labor time by eliminating taping
- Provides ease of identification in the field
- Ensures reliability



Fig. 1



Fig. 2



Fig. 3

Catalog Number	Figure Number	Color	Dimensions			Used with Connector
			L	W	H	
GTC-2	1	Black	2-1/4	1-13/16	1-1/4	GTA-2-2: GTT-2-2
GTC-0	1	Black	2-1/2	2-3/32	1-3/8	GTA-0-0: GTT-0-0
GTC-250-350	1	Black	3-61/64	3-1/32	2	GTA-250-0: GTA-250-250 GTA-350-350 GTT-250-0: GTT-250-250 GTT-350-350
GTC-500	1	Black	4-1/8	3-1/16	2-31/32	GTA-500-500 GTT-500-500
GTC-750-500	1	Black	4-7/8	3-1/8	2-23/32	GTA-750-500 GTT-750-500
GTPC-750-750*	2	Black	4-7/8	4	2-7/8	GTA-750-750
GTTC-750-750*	3	Black	5-3/4	4-1/4	3-1/16	GTT-750-750

* Not UL Listed or CSA Certified

Tested to UL 486A-486B, UL File E6207

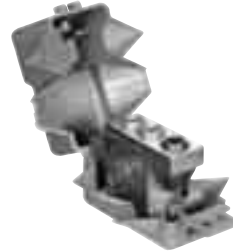
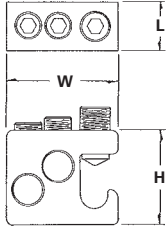
TYPE GT2

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Electro-tin plated
- UL Listed for 600 volts, 90° C
- Compact design
- Range taking
- Re-usable
- Lay-in main conductor
- Supplied with cover

Benefits

- Suitable for use with either copper or aluminum conductors
- Provides low contact resistance
- Ensures reliability for copper or aluminum conductors
- Saves space and reduces installation time
- Permits inventories to be kept to a minimum
- Provides efficient use and flexibility in the field
- No need to break the feeder cable
- Eliminates taping



Catalog Number	Wire Range Main & Tap	No. of Taps	Dimensions			Hex Size
			L	W	H	
GT2-250-W/C	250kcmil-2	2	31/32	2-9/32	1-15/16	5/16

DE-OX Inhibitor is recommended for all aluminum terminations.

Tested to UL 486A-486B, UL File E6207

SCH



147

HLC



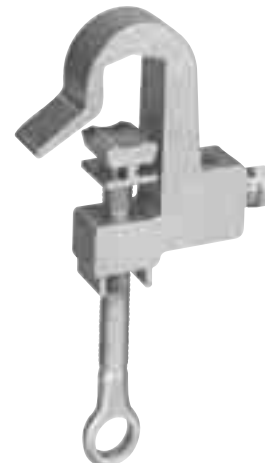
148

STRP



149

LAC



150

OTC



151

OTC



152

OTS



153

TYPE SCH

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Range taking
- Clear plated
- Meets or exceeds ANSI C119.4 Class A specifications
- Self-cleaning wedge design
- Anodized screws and I-bolts

Benefits

- Suitable for use with either copper or aluminum conductors
- Reduces inventory
- Provides low contact resistance
- Industry standard
- Negligible creep and good torque maintenance
- Prevents galling



(Patented)
Fig. 1



(Patented)
Fig. 2

Catalog Number	Figure Number		
		Main	Tap
SCH-397	1	397-1/0	397-1/0
SCH-63640	1	636AAC-336	4/0-1/0
SCH-636	1	795AAC-336	795AAC-336
SCH-1033	1	1033-636	1033-500CU

Catalog Number	Figure Number		
		Main	Tap
SCH-10	2	1/0 ACSR-4	1/0-8
SCH-40	2	4/0 ACSR-4	2/0-8
SCH-3972	2	397-1/0	2/0-8
SCH-6362	2	795AAC-336	2/0-8
SCH-6362-4/0	2	795AAC-336	4/0-8
SCH-10332	2	1033-636	2/0-8


All Power Grip Connectors are Hot Stick Applicable.
Can be used in all primary distribution voltage systems up to 35KV.

SCH OPTIONS:

- E - 2 Eyebolt
- B - Blind Hole
- A - Anodized Screw
- P - Inhibitor

Example:

SCH-63640EP

2 Eyebolt 
Inhibitor Must be **LAST**

J

UTILCO Aluminum Hot Line Clamps - Dual Rated

TYPE
HLC

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Range taking
- Clear plated
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Reduces inventory
- Provides low contact resistance
- Industry standard



Catalog Number	Wire Range	
	Main	Tap
HLC-40+	4/0-6sol, 4/0-6ACSR	4/0-6sol, 4/0-8ACSR
HLC-636	636-4	4/0-6sol
HLC-795	1000kcmil-336.4, 795.4ACSR	4/0-6sol, 4/0-6ACSR

+RUS LISTED.

Can be used in all primary distribution voltage systems.

HLC OPTIONS:

H - Tap Screw 9/16" Hex Head

P - Inhibitor

Example:

HLC-795HP

Tap Screw
9/16" Hex
Head

Inhibitor Must be **LAST**

TYPE STRP

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Range taking
- Clear plated
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Reduces inventory
- Provides low contact resistance
- Industry standard



Fig. 1

Catalog Number	Figure Number	Wire Range	Copper Bail Diameter Inch
STRP-40	1	4/0-6	.25
STRP-636	1	636-2	.31
STRP-795	1	795-336.4	.31

Can be used in all primary distribution voltage systems.

STRP OPTIONS:

P - Inhibitor

Example:

STRP-636P

↑
Inhibitor Must be **LAST**

TYPE LAC

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Range taking
- Clear plated
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Reduces inventory
- Provides low contact resistance
- Industry standard



Catalog Number	Main		Tap
	AL	ACSR	AL-CU
LAC-556-2	636	556.5	2sol

Can be used in all primary distribution voltage systems.

J

LAC OPTIONS:

P - Inhibitor

Example:

LAC-556-2P

↑
Inhibitor Must be LAST



Aluminum Light Duty Hot Line Clamps Dual Rated

TYPE
OTC

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Range taking
- Clear plated
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Reduces inventory
- Provides low contact resistance
- Industry standard



Catalog Number	Wire Range			
	Main		Tap	
	AL-CU	ACSR	AL-CU	ACSR
OTC-556	600kcmil-2	556.5-2str	4/0-6sol	1/0-6

Can be used in all primary distribution voltage systems.

**OTC OPTIONS:**

- H - 9/16" Hex Head
- A - Anodized Screw
- P - Inhibitor

Example:

OTC-556-P
 ↑
Inhibitor Must be LAST

TYPE OTC

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Range taking
- Clear plated
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Reduces inventory
- Provides low contact resistance
- Industry standard



Fig. 1



Fig. 2

Catalog Number	Figure Number	Wire Range		Equipment End
		Main		
		AL-CU	ACSR	
OTC-556LA	1	600kcmil-2	556-2str	3/8-16 Tapped Hole
OTC-556CLFP	2	600kcmil-2	556-2str	5/16 Through Hole

Can be used in all primary distribution voltage systems.

OTC OPTIONS:

- H - 9/16" Hex Head
- A - Anodized Screw
- P - Inhibitor

Example:

OTC-556-P
↑
Inhibitor Must be **LAST**



Aluminum Light Duty Stirrup-Style Hot Line Clamp - Dual Rated

TYPE
OTS

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Range taking
- Clear plated
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Suitable for use with either copper or aluminum conductors
- Reduces inventory
- Provides low contact resistance
- Industry standard



Catalog Number	Main Range	Copper Bail Diameter Inch
OTS-556	556.5-2	.25

Can be used in all primary distribution voltage systems.



OTS OPTIONS:
P - Inhibitor

Example:
OTS-556-P
↑
Inhibitor Must be LAST

<p>GC</p>  <p>155</p>	<p>GGC</p>  <p>156</p>	<p>GGA</p>  <p>157</p>
<p>BGRC</p>  <p>158</p>	<p>CGRC</p>  <p>159</p>	<p>SRC</p>  <p>160</p>
<p>GRC</p>  <p>161</p>	<p>RLT</p>  <p>162</p>	<p>GRM</p>  <p>163</p>
<p>AGC & SGC</p>  <p>164</p>	<p>BGDB</p>  <p>165</p>	<p>GBL</p>  <p>166</p>
<p>CGBL</p>  <p>167</p>	<p>SPS</p>  <p>168-169</p>	<p>SPD</p>  <p>170-171</p>
<p>TTGC</p>  <p>172</p>	<p>T</p>  <p>173-180</p>	

UTILCO PMX Ground Clamp

TYPE
GC

Features

- Connector fabricated from high strength aluminum alloy 6061-T6
- Clear plated for low contact resistance

Benefits

- Suitable for use with copper or aluminum
- Provides low contact resistance



Fig. 1



Fig. 2

Catalog Number	Figure Number	CU Bail Diameter	Bolt Size	Mfg. Hole Spacing
GC-1	1	.250	.50	1.750
GC-2	2	.250	.50	1.750

UTILCO Grounding Grid Connectors



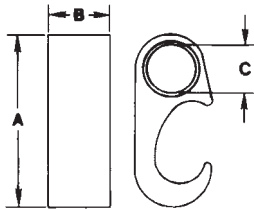
TYPE GGC

Features

- Manufactured from high strength copper alloy
- Clearly marked with wire size and die index
- Range taking
- Versatile
- Non-hazardous installation
- Prefilled with inhibiting compound
- Temp. Rating 90° C

Benefits

- Provides maximum conductivity and eliminates the possibility of corrosion. Suitable for direct burial in earth or concrete
- Provides easy identification and tooling recommendation
- Reduces inventory. Eight sizes cover a wire range from 500kcmil to #6, and 1/2" to 3/4" ground rods.
- Can be used as a tap connector or as a lap splice connector
- Can be installed in all types of weather with no need for protective equipment or clothing. Does not produce heat or dangerous particles.
- Prevents oxides from forming
- Ensures reliability



Catalog Number	Wire Range		Rod Size	Dimensions			Index
	Main	Tap		A	B	C	
GGC-1	2str-6sol	2str-6sol	-	1.4	.75	.33	0
GGC-2	250kcmil-1/0str	2str-4sol	1/2, 5/8	2.1	.75	.33	997
GGC-3	250kcmil-1/0str	2/0str-1/0str	1/2, 5/8	2.1	.75	.44	997
GGC-4	250kcmil-1/0str	250kcmil-3/0str	1/2, 5/8	2.1	.75	.61	997
GGC-5	500kcmil-250kcmil	2str-4sol	5/8, 3/4	2.6	.75	.33	998
GGC-6	500kcmil-250kcmil	2/0str-1/0str	5/8, 3/4	2.6	.75	.44	998
GGC-7	500kcmil-250kcmil	250kcmil-3/0str	5/8, 3/4	2.6	.75	.61	998
GGC-8	500kcmil-250kcmil	500kcmil-350kcmil	5/8, 3/4	2.9	.75	.84	999/1011

Tested to UL 467, UL File E34440

K

NOTE: Hydraulic tools required on all sizes except GGC-1
 Dieless tools can not be used
 ILC-15H or similar required for GGC-5, GGC-6, GGC-7 and GGC-8

UTILCO Grounding Grid Connectors



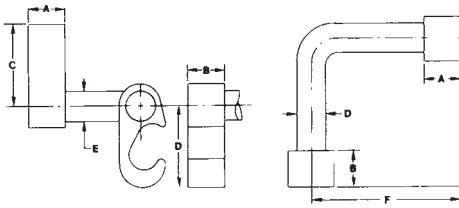
TYPE GGA

Features

- Manufactured from high strength copper alloy
- Clearly marked with wire size and die index
- Range taking
- Connector can be adjusted prior to installation
- Non-hazardous installation
- Prefilled with inhibiting compound
- Temp. Rating 90° C

Benefits

- Provides maximum conductivity and eliminates the possibility of corrosion. Suitable for direct burial in earth or concrete
- Provides easy identification and tooling recommendation
- Reduces inventory. Six sizes cover a wire range from 500kcmil to #6, and 1/2" to 3/4" ground rods.
- Permits adjustments to be made for misaligned cross grids
- Can be installed in all types of weather with no need for protective equipment or clothing. Does not produce heat or dangerous particles.
- Prevents oxides from forming
- Ensures reliability



Catalog Number	Wire Range		Rod Size	Dimensions						A Die Index	B Die Index
	Main	Tap		A	B	C	D	E	F		
GGA-1	2str-6sol	2str-6sol	-	.75	.75	1.09	1.09	.313	2.50	0	0
GGA-2	250kcmil-1str	2str-6sol	1/2, 5/8	.75	.75	1.66	1.09	.313	2.50	997	0
GGA-3	250kcmil-2str	250kcmil-2str	1/2, 5/8	.75	.75	1.66	1.66	.500	2.50	997	997
GGA-4	500kcmil-250kcmil	2str-6sol	5/8, 3/4	.75	.75	2.09	1.09	.313	2.50	998	0
GGA-5	500kcmil-250kcmil	250kcmil-2str	5/8, 3/4	.75	.75	2.09	1.66	.500	2.50	998	997
GGA-6	500kcmil-250kcmil	500kcmil-250kcmil	5/8, 3/4	.75	.75	2.28	2.28	.750	2.50	999/1011	999/1011

Tested to UL 467, UL File E34440

NOTE: Hydraulic tools required on all sizes except GGA-1
 Dieless tools can not be used
 ILC-15H or similar required for GGA-4, GGA-5 and GGA-6



UTILCO Cast Bronze Ground Rod Clamps



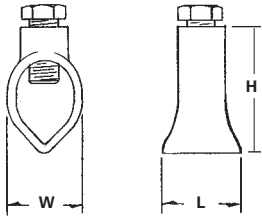
TYPE BGRC

Features

- Manufactured from cast bronze
- Supplied with stainless steel or silicone bronze hardware
- UL Listed and CSA Certified for 600 volts

Benefits

- Ensures maximum strength and durability
- Suitable for direct burial in earth or concrete
- Ensures reliability for copper conductor



Catalog Number	Ground Rod Size	Rebar Size	Ground Rod Wire Range	Rebar Wire Range	Dimensions		
					L	W	H
BGRC-48	1/2	-	2-10	-	7/8	3/4	1-1/4
BGRC-58	5/8	#5	1/0-8	1/0-8	1-1/32	29/32	1-13/32
BGRC-68	3/4	-	1/0-8	-	1	1	1-5/8

Tested to UL 467, UL File E34440

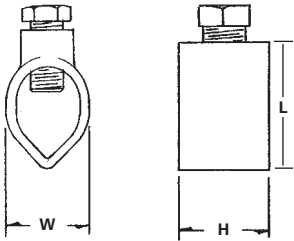
TYPE CGRC

Features

- Manufactured from cast bronze
- Supplied with stainless steel hardware
- UL Listed and CSA Certified for 600 volts except CGRC-38
- Suitable for grounding and bonding in applications such as swimming pools and spas

Benefits

- Ensures maximum strength and durability
- Suitable for direct burial in earth or concrete
- Ensures reliability for copper conductor



Catalog Number	Ground Rod Size	Rebar Size	Ground Rod Wire Range	Rebar Wire Range	Dimensions		
					L	W	H
CGRC-38	3/8	#3	4-10	4-10	1/2	11/16	1
CGRC-48	1/2	#4	2-10	2-10	9/16	27/32	1-3/16
CGRC-58	5/8	#5	2-10	4-10	9/16	15/16	1-9/32
CGRC-68	3/4	#6	2-10	4-10	9/16	1-1/16	1-9/32

Plain copper finish.

Tested to UL 467, UL File E34440

UTILCO Cast Bronze Ground Rod Clamp



TYPE
SRC

Features

- Manufactured from bronze alloy
- Stainless steel bolt
- UL Listed for both copper clad and galvanized ground rods
- Range taking

Benefits

- Provides maximum strength and superior conductivity
- For direct burial
- Ensures reliability
- Reduces inventory requirement



Catalog Number	Ground Rod Size	Ground Rod Wire Range	Dimensions		
			L	W	H
SRC-1/0	3/8, 1/2, 5/8 3/4	10sol - 1/0str 8sol - 1/0str	13/16	1	1-1/2

UL File E198108

K

UTILCO Bronze Ground Rod Clamps



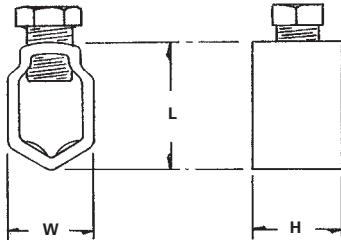
TYPE GRC

Features

- Manufactured from seamless bronze tubing
- Supplied with silicon bronze "everdur" screw
- UL Listed and CSA Certified for 600 volts except GRC-75
- Suitable for grounding and bonding in applications such as swimming pools and spas

Benefits

- Provides maximum strength and superior conductivity
- Ground rod clamp is suitable for direct burial in earth or concrete
- Ensures reliability for copper conductor



Catalog Number	Ground Rod Size	Ground Wire Range	Rebar Size	Rebar Wire Range	Dimensions	
					L	W
GRC-38	3/8	4-10	#3	4-10	5/8	5/8
GRC-58+	5/8	2-8	-	-	15/16	7/8
GRC-68	3/4, 5/8	2-8 for 3/4 rod, 1/0-8 for 5/8 rod	#5	1/0-8	1	1
GRC-75*	3/4	3/0-8	-	-	3/4	1-5/32

Plain copper finish.

+REA Listed.

*Not UL Listed.

Tested to UL 467, UL File E34440

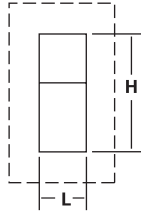
TYPE RLT

Features

- Prefilled with oxide inhibitor and bagged
- Clearly marked with wire size and die index
- UL Listed for 600 Volts and CSA Certified for direct burial in earth or concrete
- Range taking
- Manufactured from high strength copper alloy

Benefits

- Prevents oxides from forming
- Provides easy identification and tooling recommendation
- Ensures reliability
- Reduces inventory. Eight sizes cover a wire range of #2-500kcmil
- Provides maximum conductivity and eliminates the possibility of corrosion



Catalog Number	Ground Rod Size	Wire Range	Die Index	Dimensions	
				H	L
RLT-2	1/2	2/0-2	998/1011	1.94	.88
RLT-3	5/8	2/0-2	998/1011	1.97	.88
RLT-4	3/4	2/0-2	998/1011	2.19	.88
RLT-5	1/2	250kcmil-4/0	998/1011	1.94	.88
RLT-6	5/8	250kcmil-4/0	998/1011	2.14	.88
RLT-7	3/4	250kcmil-4/0	998/1011	2.19	.88
RLT-8	5/8	500kcmil-300kcmil	998/1011	2.14	.88
RLT-9	3/4	500kcmil-300kcmil	998/1011	2.44	.88

UL File E158587

TYPE GRM

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Electro-tin plated
- Type GRM - Elongated steel stud
- Type GRF - Threaded female design

Benefits

- Suitable for use with either copper or aluminum conductors
- Provides low contact resistance
- Provides ease of grounding a single conductor to steel structures or to tap a single conductor from bus bar
- Provides ease of installation for a variety of standard stud sizes

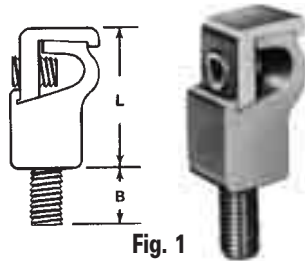


Fig. 1

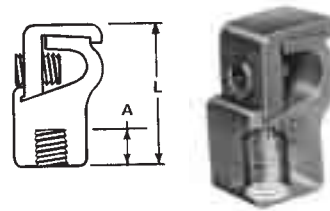


Fig. 2

Catalog Number	Figure Number	Wire Range Single Cable				Dimensions			Hex Size
		Max.	Min.	Steel Strand	Dia. Thread	A	B	L	
GRM-2A	1	2str	12sol/str	5/16	1/4"-20	-	11/16	1-1/4	Slot
GRM-2B	1	2str	12sol/str	5/16	5/16"-18	-	3/8	1-1/4	Slot
GRM-2C	1	2str	12sol/str	5/16	3/8"-16	-	9/16	1-1/4	Slot
GRM-0	1	1/0str	2str	3/8	1/2"-13	-	1	1-9/16	Slot
GRM-250A	1	250kcmil	1/0	9/16	1/2"-13	-	1	2-1/8	5/16
GRM-250B	1	250kcmil	1/0	9/16	5/8"-11	-	1	2-1/8	5/16
GRM-350	1	350kcmil	4/0	-	5/8"-11	-	1	2-1/2	3/8
GRM-500	1	500kcmil	350kcmil	-	3/4"-10	-	1-3/8	2-15/16	3/8
GRM-750	1	750kcmil	500kcmil	-	3/4"-10	-	1-3/8	3-3/8	1/2
GRF-2A	2	2str	12sol/str	5/16	1/4"-20	5/16	-	1-1/4	Slot
GRF-2B	2	2str	12sol/str	5/16	5/16"-18	3/8	-	1-1/4	Slot
GRF-2C	2	2str	12sol/str	5/16	3/8"-16	7/16	-	1-1/4	Slot
GRF-0	2	1/0str	2str	3/8	1/2"-13	1/2	-	1-9/16	Slot
GRF-250A	2	250kcmil	1/0	9/16	1/2"-13	1/2	-	2-1/8	5/16
GRF-250B	2	250kcmil	1/0	9/16	5/8"-11	3/4	-	2-1/8	5/16
GRF-350	2	350kcmil	4/0	-	5/8"-11	3/4	-	2-1/2	3/8
GRF-500	2	500kcmil	350kcmil	-	3/4"-10	7/8	-	2-15/16	3/8
GRF-750	2	750kcmil	500kcmil	-	3/4"-10	7/8	-	3-3/8	1/2

DE-OX Inhibitor is recommended for all aluminum terminations.



TYPE AGC SGC

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Clear plated
- UL Listed
- Versatile
- Range taking
- SGC Lay-In feature

Benefits

- Suitable for use with either copper or aluminum conductors
- Provides low contact resistance
- Ensures reliability
- Effectively grounds aluminum or copper conductors to copper water pipe, galvanized pipe or steel conduit
- Three sizes cover a range from 1/2" to 4" pipe with a ground wire range of 250kcmil - 14 which reduces inventory
- Provides ease of installation for long ground wire runs

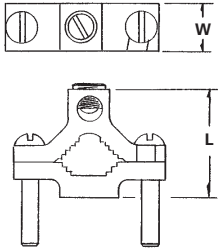


Fig. 1



Fig. 2



Fig. 3

Catalog Number	Figure Number	Pipe Size	Rebar Size	Ground Wire Range	Screw Type	Dimensions		Hex Size
						L	W	
AGC-1	1	1/2-3/4-1	4, 5, 6	1/0-14	Slot	2-1/4	11/16	Slot
AGC-2	2	1 1/4-1 1/2-2	-	250kcmil-6	Hex Socket	3-3/4	13/16	5/16
AGC-4	2	2 1/2-3-3 1/2-4	-	250kcmil-6	Hex Socket	6-5/16	1	5/16
SGC-1/0*	3	1/2-3/4-1"	-	1/0-14	Slot	2-1/4	11/16	Slot

DE-OX Inhibitor is recommended for all aluminum terminations.

* Typical application would be grounding computer floor room system.

UL File E34440

TYPE BGDB

Features

- Manufactured from bronze alloy
- UL Listed for direct burial in earth or concrete
- Lay-In feature

Benefits

- Ensures maximum strength and superior conductivity
- Ensures reliability
- Reduces installation time



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5

Catalog Number	Figure Number	Pipe Size	Rebar Size	Ground Rod Size	Ground Wire Range	Screw Material	Dimensions	
							L	W
BGC-2T-DB*	1	1/2-1	3/8-1	1/2-1	2str-10sol	silicon bronze	2-3/4	2-1/4
BGC-2P-DB*	2	1/2-1	3/8-1	1/2-1	2str-10sol	silicon bronze	2-3/4	2-1/4
BGC-2PS-DB+	3	1/2-1	3/8-1	1/4-1	2str-10sol 2 #8sol	stainless steel	2-1/4	2-1/4
BGC-4/0P-DB=	4	1/2-1	3/8-1	1/2-1	4/0-8str	stainless steel	3	2-1/4
BGC-4/0S-DB=	5	1/2-1	3/8-1	1/2-1	4/0-8str	stainless steel	2-3/4	2-1/4

* UL File E207816

+ UL File E198108

= UL File E178441

TYPE GBL

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Electro-tin plated
- UL Recognized for grounding and bonding
- Lay-in feature
- Rated for 600 volts

Benefits

- Suitable for use with either copper or aluminum conductors
- Provides low contact resistance
- Ensures reliability
- Provides ease of installation
- Ensures reliability

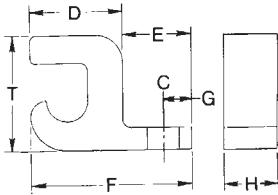


Fig. 1



Fig. 2

Catalog Number	Figure Number	Ground Wire Range	Bolt Size	Dimensions							Hex Size
				C	D	E	F	G	H	T	
*GBL-4	1	4-14	10	7/32	5/8	31/64	1-3/32	13/64	25/64	51/64	Slot
+GBL-1/0	1	1/0-14	1/4	9/32	51/64	27/32	1-5/8	7/16	5/8	1-5/32	Slot
+GBL-250	2	250kcmil-6	1/4	9/32	31/64	1	2-3/16	29/64	7/8	1-23/32	7/32

+ U.L. 467 recognized for grounding and bonding only.
DE-OX Inhibitor is recommended for all aluminum terminations.

+ UL File E34440

* UL 486B Listed

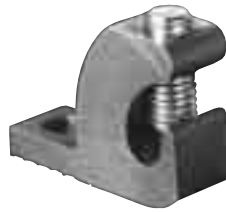
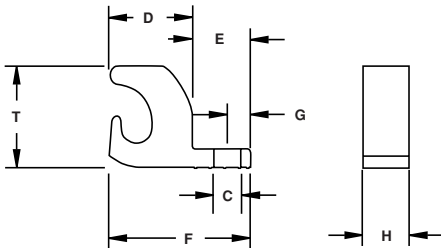
TYPE CGBL

Features

- Lay-in feature
- Manufactured from high strength copper
- Stainless steel 1/4-28 torque screw
- Rated for 600 volts

Benefits

- Provides ease of installation of continuous loop grounding conductor
- Suitable for direct burial and for use with copper conductors
- Resists oxidation and corrosion in earth or concrete
- Ensures reliability



Catalog Number	Ground Wire Range	Bolt Size	Plating	Dimensions							Screw Type
				C	D	E	F	G	H	T	
GBL-4DB*	4-14	10	Clear	7/32	11/16	15/32	1-5/32	3/16	3/8	53/64	Slot

* Add T to order Tin Plated

Tested to UL 467, UL File E34440

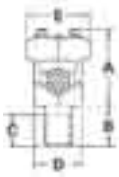
TYPE SPS

Features

- Range taking
- Re-usable
- UL 486A and UL 467 Listed
- For grounding of steel structures, fence posts and tapping cables from bus bar
- For copper to copper connections

Benefits

- Permits inventories to be kept to a minimum
- Provides efficient use and flexibility in the field
- Ensures reliability
- Flexibility in the field



Catalog Number	Conductor Range AWG MM ²				Maximum Diameter Range	Stud Size	Dimensions				
	Stranded		Solid				A	B	C	D	E
	Max.	Min.	Max.	Min.							
SPSS-0	8	12 (4mm ²)	8 (10mm ²)	12 (4mm ²)	.146-.080	1/4-20 x 1/2	11/16	1/2	23/64	15/32	1/2
SPSS-1	7 (10mm ²)	10 (6mm ²)	6 (10mm ²)	10 (6mm ²)	.170-.102	1/4-20 x 1/2	13/16	1/2	23/64	15/32	21/32
SPSS-2	5 (16mm ²)	10 (6mm ²)	4 (16mm ²)	10 (6mm ²)	.217-.102	5/16-18 x 5/8	15/16	5/8	25/64	17/32	23/32
SPSS-3	3 (25mm ²)	10 (6mm ²)	2 (35mm ²)	10 (6mm ²)	.271-.102	3/8-16 x 5/8	1/2	5/8	29/64	5/8	25/32
SPSS-4	1 (35mm ²)	8 (6mm ²)	2 (35mm ²)	8 (10mm ²)	.332-.128	3/8-16 x 5/8	1-1/16	5/8	29/64	11/16	7/8
SPSS-5	1/0 (50mm ²)	2 (35mm ²)	2 (35mm ²)	-	.385-.258	1/2-13 x 3/4	1-1/4	3/4	37/64	3/4	15/16
SPSS-6	2/0 (70mm ²)	2 (35mm ²)	2 (35mm ²)	-	.443-.258	1/2-13 x 3/4	1-13/32	3/4	37/64	7/8	1-1/16
SPSS-8	4/0 (95mm ²)	1 (35mm ²)	-	-	.570-.289	5/8-11 x 1	1-9/16	1	51/64	1	1-5/16
SPSS-9	350 (150mm ²)	1/0 (70mm ²)	-	-	.715-.373	5/8-11 x 1	2	1-1/4	51/64	1-5/16	1-11/16
SPSS-10	500 (240mm ²)	3/0 (95mm ²)	-	-	.840-.464	3/4-10 x 1-1/4	2-1/4	1-3/4	63/64	1-1/2	1-7/8

UL File E158587

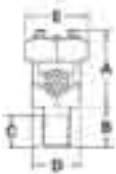
TYPE SPS

Features

- Range taking
- Re-usable
- UL 486A and UL 467 Listed
- For grounding of steel structures, fence posts and tapping cables from bus bar
- For copper to copper connections

Benefits

- Permits inventories to be kept to a minimum
- Provides efficient use and flexibility in the field
- Ensures reliability
- Flexibility in the field



Catalog Number	Conductor Range AWG MM				Maximum Diameter Range	Stud Size	Dimensions				
	Stranded		Solid				A	B	C	D	E
	Max.	Min.	Max.	Min.							
SPSL-0	8	12 (4mm ²)	8 (10mm ²)	12 (4mm ²)	.146-.080	1/4-20 x 1	11/16	1	55/64	15/32	1/2
SPSL-1	7 (10mm ²)	10 (6mm ²)	6 (10mm ²)	10 (6mm ²)	.170-.102	1/4-20 x 1	13/16	1	55/64	15/32	21/32
SPSL-2	5 (16mm ²)	10 (6mm ²)	4 (16mm ²)	10 (6mm ²)	.217-.102	5/16-18 x 1	15/16	1	53/64	17/32	23/32
SPSL-3	3 (25mm ²)	10 (6mm ²)	2 (35mm ²)	10 (6mm ²)	.271-.102	3/8-16 x 1-1/8	1/2	1-1/8	61/64	5/8	25/32
SPSL-4	1 (35mm ²)	8 (6mm ²)	2 (35mm ²)	8 (10mm ²)	.332-.128	3/8-16 x 1-1/8	1-1/16	1-1/8	61/64	11/16	7/8
SPSL-5	1/0 (50mm ²)	2 (35mm ²)	2 (35mm ²)	-	.385-.258	1/2-13 x 1-1/4	1-1/4	1-1/4	1-5/64	3/4	15/16
SPSL-6	2/0 (70mm ²)	2 (35mm ²)	2 (35mm ²)	-	.443-.258	1/2-13 x 1-1/4	1-13/32	1-1/4	1-5/64	7/8	1-1/16
SPSL-8	4/0 (95mm ²)	1 (35mm ²)	-	-	.570-.289	5/8-11 x 1-1/2	1-9/16	1-1/2	1-19/64	1	1-5/16
SPSL-9	350 (150mm ²)	1/0 (70mm ²)	-	-	.715-.373	5/8-11 x 1-1/2	2	1-1/2	1-19/64	1-5/16	1-11/16
SPSL-10	500 (240mm ²)	3/0 (95mm ²)	-	-	.840-.464	3/4-10 x 1-3/4	2-1/4	1-1/2	1-31/64	1-1/2	1-7/8

UL File E158587

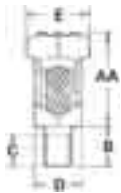
TYPE SPD

Features

- Range taking
- Re-usable
- UL 486A and UL 467 Listed
- For grounding of steel structures, fence posts and tapping cables from bus bar
- For copper to copper connections

Benefits

- Permits inventories to be kept to a minimum
- Provides efficient use and flexibility in the field
- Ensures reliability
- Flexibility in the field



Catalog Number	Conductor Range AWG MM				Maximum Diameter Range	Stud Size	Dimensions				
	Stranded		Solid				AA	B	C	D	E
	Max.	Min.	Max.	Min.							
SPDS-0	8	12 (4mm ²)	8 (10mm ²)	12 (4mm ²)	.146-.080	1/4-20 x 1/2	13/16	1/2	23/64	15/32	1/2
SPDS-1	7 (10mm ²)	10 (6mm ²)	6 (10mm ²)	10 (6mm ²)	.170-.102	1/4-20 x 1/2	31/32	1/2	23/64	15/32	21/32
SPDS-2	5 (16mm ²)	10 (6mm ²)	4 (16mm ²)	10 (6mm ²)	.217-.102	5/16-18 x 5/8	1-1/8	5/8	25/64	17/32	23/32
SPDS-3	3 (25mm ²)	10 (6mm ²)	2 (35mm ²)	10 (6mm ²)	.271-.102	3/8-16 x 5/8	1-1/4	5/8	29/64	5/8	25/32
SPDS-4	1 (35mm ²)	8 (6mm ²)	2 (35mm ²)	8 (10mm ²)	.332-.128	3/8-16 x 5/8	1-3/8	5/8	29/64	11/16	7/8
SPDS-5	1/0 (50mm ²)	2 (35mm ²)	2 (35mm ²)	-	.385-.258	1/2-13 x 3/4	1-19/32	3/4	37/64	3/4	15/16
SPDS-6	2/0 (70mm ²)	2 (35mm ²)	2 (35mm ²)	-	.443-.258	1/2-13 x 3/4	1-13/16	3/4	37/64	7/8	1-1/16
SPDS-8	4/0 (95mm ²)	1 (35mm ²)	-	-	.570-.289	5/8-11 x 1	2-1/16	1	51/64	1	1-5/16
SPDS-9	350 (150mm ²)	1/0 (70mm ²)	-	-	.715-.373	5/8-11 x 1	2-3/4	1-1/4	51/64	1-5/16	1-11/16
SPDS-10	500 (240mm ²)	3/0 (95mm ²)	-	-	.840-.464	3/4-10 x 1-1/4	3-1/8	1-3/4	63/64	1-1/2	1-7/8

UL File E158587

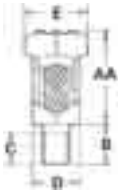
TYPE SPD

Features

- Range taking
- Re-usable
- UL 486A and UL 467 Listed
- For grounding of steel structures, fence posts and tapping cables from bus bar
- For copper to copper connections

Benefits

- Permits inventories to be kept to a minimum
- Provides efficient use and flexibility in the field
- Ensures reliability
- Flexibility in the field



Catalog Number	Conductor Range AWG MM				Maximum Diameter Range	Stud Size	Dimensions				
	Stranded		Solid				AA	B	C	D	E
	Max.	Min.	Max.	Min.							
SPDL-0	8	12 (4mm ²)	8 (10mm ²)	12 (4mm ²)	.146-.080	1/4-20 x 1	13/16	1	55/64	15/32	1/2
SPDL-1	7 (10mm ²)	10 (6mm ²)	6 (10mm ²)	10 (6mm ²)	.170-.102	1/4-20 x 1	31/32	1	55/64	15/32	21/32
SPDL-2	5 (16mm ²)	10 (6mm ²)	4 (16mm ²)	10 (6mm ²)	.217-.102	5/16-18 x 1	1-1/8	1	53/64	17/32	23/32
SPDL-3	3 (25mm ²)	10 (6mm ²)	2 (35mm ²)	10 (6mm ²)	.271-.102	3/8-16 x 1-1/8	1-1/4	1-1/8	61/64	5/8	25/32
SPDL-4	1 (35mm ²)	8 (6mm ²)	2 (35mm ²)	8 (10mm ²)	.332-.128	3/8-16 x 1-1/8	1-3/8	1-1/8	61/64	11/16	7/8
SPDL-5	1/0 (50mm ²)	2 (35mm ²)	2 (35mm ²)	-	.385-.258	1/2-13 x 1-1/4	1-19/32	1-1/4	1-5/64	3/4	15/16
SPDL-6	2/0 (70mm ²)	2 (35mm ²)	2 (35mm ²)	-	.443-.258	1/2-13 x 1-1/4	1-13/16	1-1/4	1-5/64	7/8	1-1/16
SPDL-8	4/0 (95mm ²)	1 (35mm ²)	-	-	.570-.289	5/8-11 x 1-1/2	2-1/16	1-1/2	1-19/64	1	1-5/16
SPDL-9	350 (150mm ²)	1/0 (70mm ²)	-	-	.715-.373	5/8-11 x 1-1/2	2-3/4	1-1/2	1-19/64	1-5/16	1-11/16
SPDL-10	500 (240mm ²)	3/0 (95mm ²)	-	-	.840-.464	3/4-10 x 1-3/4	3-1/8	1-1/2	1-31/64	1-1/2	1-7/8

UL File E158587



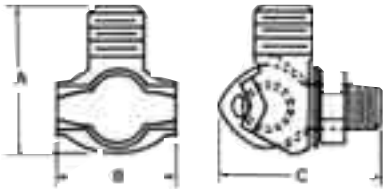
TYPE TTGC

Features

- Manufactured from bronze
- Eye bolt on TTGC2 rotates to accommodate cable in vertical or horizontal direction
- Range taking
- Stud fits all standard EEI-NEMA distribution transformers

Benefits

- Provides maximum strength and superior conductivity
- Flexibility
- Permits inventories to be kept to a minimum
- Reliability



Catalog Number	Conductor Range		Stud Thread Size UNC - 2A	Dimensions		
	Max.	Min.		A	B	C
TTGC2	2/0	8 sol.	1/2-13	1-51/64	1-9/64	1-21/32
TTGC3	1 str.	10 sol.	1/2-13	1-3/8	1-3/64	1-9/16
TTGC4+	1 str.	10 sol.	1/2-13	1-1/4	7/8	1-3/8
TTGC2TN+	2/0	8 sol.	1/2-13	1-51/64	1-9/64	1-21/32
TTGC3TN*	1 str.	10 sol.	1/2-13	1-3/8	1-3/64	1-9/16
TTGC4TN*	1 str.	10 sol.	1/2-13	1-1/4	7/8	1-3/8

+ RUS Listed

* Tin Plated

UTILCO Tin Plated Copper Flexible Braid

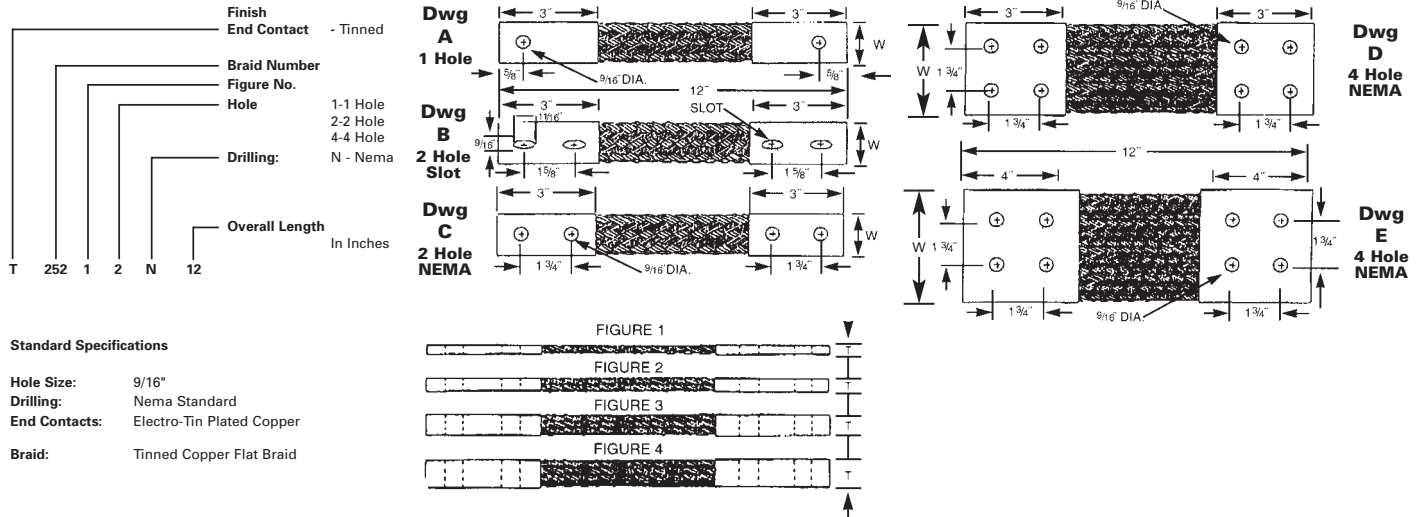
TYPE T

Features

- Manufactured from pure copper braid
- Electro-tin plated
- Seamless pure copper ferrules
- Inside ferrule ends are rounded
- Swaged terminal to copper braid by cold forming
- Extra flexible braided connector
- Rated for 600 volts

Benefits

- Provides high conductivity
- Provides low contact resistance
- Provides superior contact
- Prevents chafing of strands
- Provides a reduced resistance form point to point; much lower than standard power cables or loose - piece type terminals
- Multi-purpose use for bonding, grounding and connecting moving parts
- Ensures reliability



Catalog Number	Figure Number	Drawing Number	Ampere Rating (Indoors)*	Circular Mils. of Braids	Dimensions		
					L	T	W
T252/11N12	1	A	200	77,184	12	0.19	1.00
T252/11N18	1	A	200	77,184	18	0.25	1.00
T252/11N24	1	A	200	77,184	24	0.25	1.00
T252/21N12	2	A	340	154,386	12	0.25	1.00
T252/21N18	2	A	340	154,386	18	0.25	1.00
T252/21N24	2	A	340	154,386	24	0.25	1.00
T252/31N12	3	A	470	231,552	12	0.38	1.00
T252/31N18	3	A	470	231,552	18	0.38	1.00
T252/31N24	3	A	470	231,552	24	0.38	1.00
T252/41N12	4	A	600	308,734	12	0.38	1.25
T252/41N18	4	A	600	308,734	18	0.38	1.25
T252/41N24	4	A	600	308,734	24	0.38	1.25
T282/11N12	1	A	340	153,600	12	0.25	1.63
T282/11N18	1	A	340	153,600	18	0.25	1.63
T282/11N24	1	A	340	153,600	24	0.25	1.63

* Ampere ratings are suggested for use as a guide only. Actual values used for a given application will depend on such factors as permissible temperature rise, permissible voltage drop, number of cables together and other conditions of service. For outdoor use, these ratings may be increased from 22% to 40% depending upon the size and position of the braid.



UTILCO Tin Plated Copper Flexible Braid

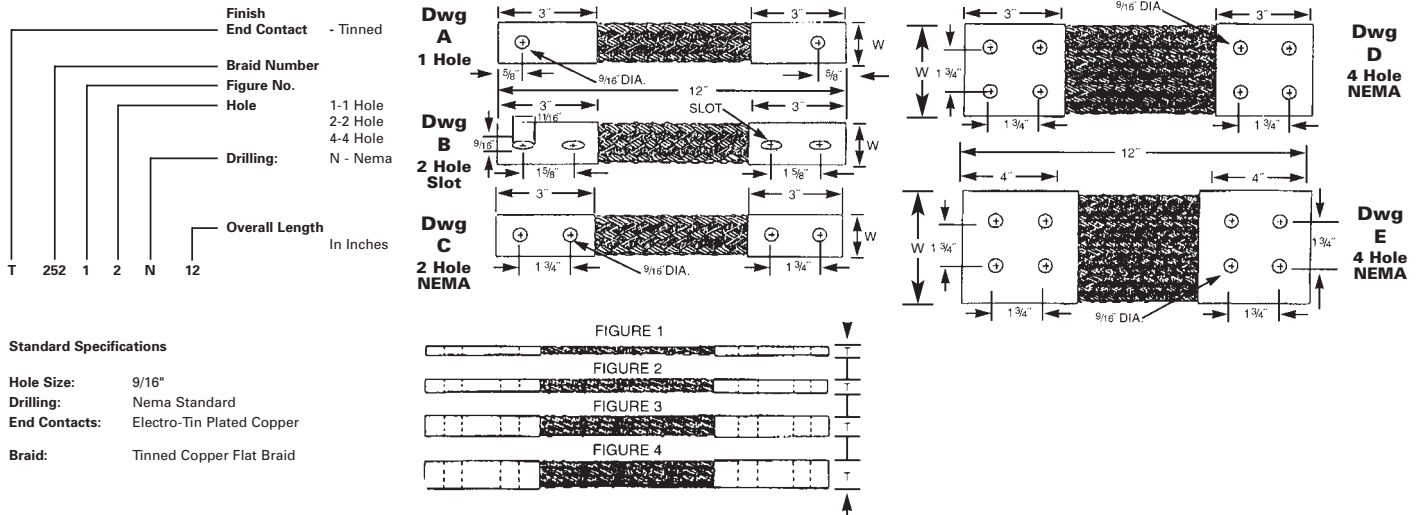
TYPE T

Features

- Manufactured from pure copper braid
- Electro-tin plated
- Seamless pure copper ferrules
- Inside ferrule ends are rounded
- Swaged terminal to copper braid by cold forming
- Extra flexible braided connector
- Rated for 600 volts

Benefits

- Provides high conductivity
- Provides low contact resistance
- Provides superior contact
- Prevents chafing of strands
- Provides a reduced resistance form point to point; much lower than standard power cables or loose - piece type terminals
- Multi-purpose use for bonding, grounding and connecting moving parts
- Ensures reliability



Catalog Number	Figure Number	Drawing Number	Ampere Rating (Indoors)*	Circular Mils. of Braids	Dimensions		
					L	T	W
T282/21N12	2	A	530	307,000	12	0.25	1.63
T282/21N18	2	A	530	307,000	18	0.25	1.63
T282/21N24	2	A	530	307,000	24	0.25	1.63
T282/31N12	3	A	700	460,800	12	0.31	1.63
T282/31N18	3	A	700	460,800	18	0.31	1.63
T282/31N24	3	A	700	460,800	24	0.31	1.63
T282/41N12	4	A	800	614,400	12	0.38	1.63
T282/41N18	4	A	800	614,400	18	0.38	1.63
T282/41N24	4	A	800	614,400	24	0.38	1.63
T252/12N12	1	C	200	77,184	12	0.19	1.00
T252/12N18	1	C	200	77,184	18	0.25	1.00
T252/12N24	1	C	200	77,184	24	0.25	1.00
T252/22N12	2	C	340	154,386	12	0.25	1.00
T252/22N18	2	C	340	154,386	18	0.25	1.00
T252/22N24	2	C	340	154,386	24	0.25	1.00

* Ampere ratings are suggested for use as a guide only. Actual values used for a given application will depend on such factors as permissible temperature rise, permissible voltage drop, number of cables together and other conditions of service. For outdoor use, these ratings may be increased from 22% to 40% depending upon the size and position of the braid.

UTILCO Tin Plated Copper Flexible Braid

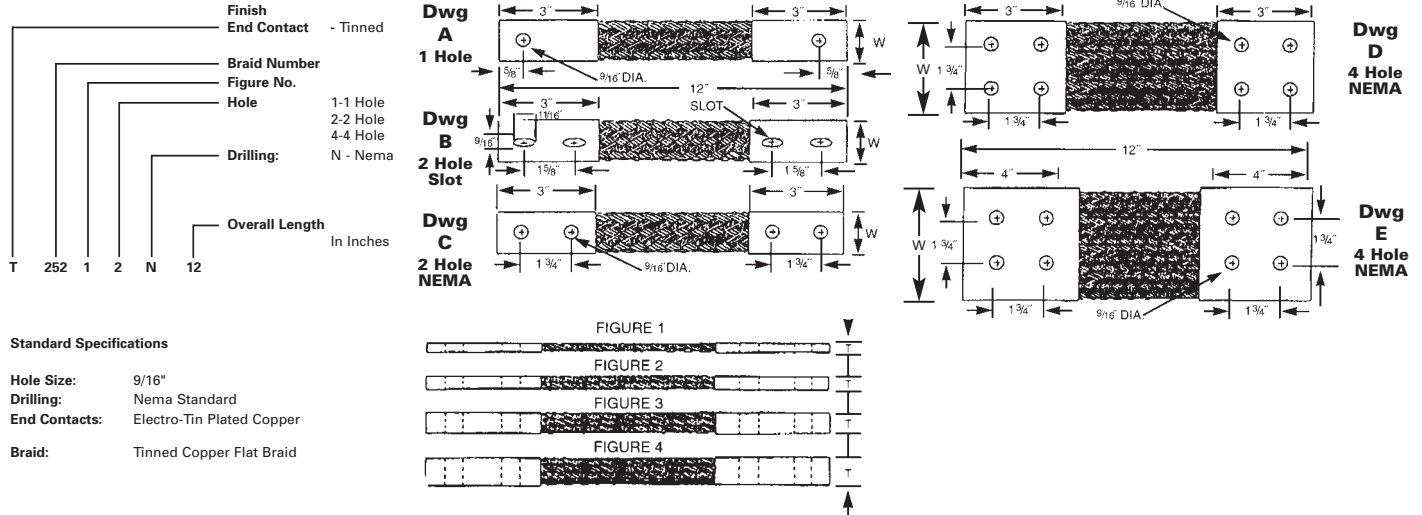
TYPE T

Features

- Manufactured from pure copper braid
- Electro-tin plated
- Seamless pure copper ferrules
- Inside ferrule ends are rounded
- Swaged terminal to copper braid by cold forming
- Extra flexible braided connector
- Rated for 600 volts

Benefits

- Provides high conductivity
- Provides low contact resistance
- Provides superior contact
- Prevents chafing of strands
- Provides a reduced resistance form point to point; much lower than standard power cables or loose - piece type terminals
- Multi-purpose use for bonding, grounding and connecting moving parts
- Ensures reliability



Catalog Number	Figure Number	Drawing Number	Ampere Rating (Indoors)*	Circular Mils. of Braids	Dimensions		
					L	T	W
T252/32N12	3	C	470	231,552	12	0.38	1.00
T252/32N18	3	C	470	231,552	18	0.38	1.00
T252/32N24	3	C	470	231,552	24	0.38	1.00
T252/42N12	4	C	600	308,734	12	0.38	1.25
T252/42N18	4	C	600	308,734	18	0.38	1.25
T252/42N24	4	C	600	308,734	24	0.38	1.25
T282/12N12	1	C	340	153,600	12	0.25	1.63
T282/12N18	1	C	340	153,600	18	0.25	1.63
T282/12N24	1	C	340	153,600	24	0.25	1.63
T282/22N12	2	C	530	307,000	12	0.25	1.63
T282/22N18	2	C	530	307,000	18	0.25	1.63
T282/22N24	2	C	530	307,000	24	0.25	1.63
T282/32N12	3	C	700	460,800	12	0.31	1.63
T282/32N18	3	C	700	460,800	18	0.31	1.63
T282/32N24	3	C	700	460,800	24	0.31	1.63

* Ampere ratings are suggested for use as a guide only. Actual values used for a given application will depend on such factors as permissible temperature rise, permissible voltage drop, number of cables together and other conditions of service. For outdoor use, these ratings may be increased from 22% to 40% depending upon the size and position of the braid.



UTILCO Tin Plated Copper Flexible Braid

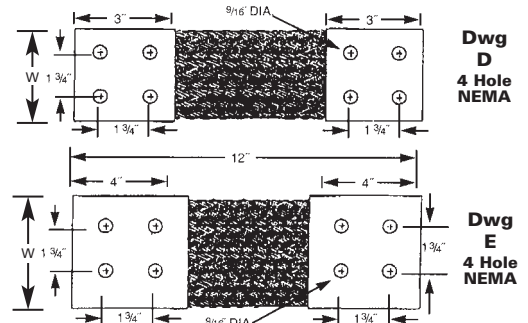
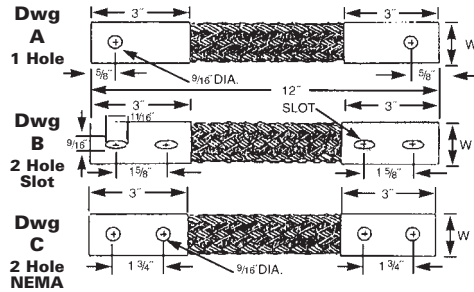
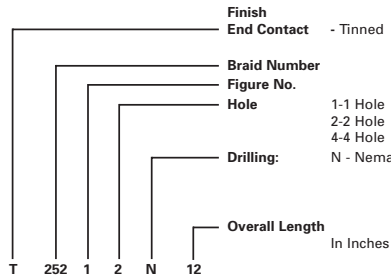
TYPE T

Features

- Manufactured from pure copper braid
- Electro-tin plated
- Seamless pure copper ferrules
- Inside ferrule ends are rounded
- Swedged terminal to copper braid by cold forming
- Extra flexible braided connector
- Rated for 600 volts

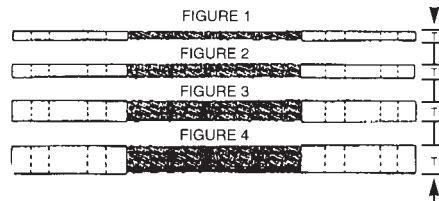
Benefits

- Provides high conductivity
- Provides low contact resistance
- Provides superior contact
- Prevents chafing of strands
- Provides a reduced resistance form point to point; much lower than standard power cables or loose - piece type terminals
- Multi-purpose use for bonding, grounding and connecting moving parts
- Ensures reliability



Standard Specifications

- Hole Size: 9/16"
- Drilling: Nema Standard
- End Contacts: Electro-Tin Plated Copper
- Braid: Tinned Copper Flat Braid



Catalog Number	Figure Number	Drawing Number	Ampere Rating (Indoors)*	Circular Mils. of Braids	Dimensions		
					L	T	W
T282/42N12	4	C	800	614,400	12	0.38	1.63
T282/42N18	4	C	800	614,400	18	0.38	1.63
T282/42N24	4	C	800	614,400	24	0.38	1.63
T287/12N12	1	C	360	230,000	12	0.25	1.50
T287/12N18	1	C	360	230,000	18	0.25	1.50
T287/12N24	1	C	360	230,000	24	0.25	1.50
T287/22N12	2	C	700	460,000	12	0.38	1.50
T287/22N18	2	C	700	460,000	18	0.38	1.50
T287/22N24	2	C	700	460,000	24	0.38	1.50
T287/32N12	3	C	820	690,000	12	0.50	1.50
T287/32N18	3	C	820	690,000	18	0.50	1.50
T287/32N24	3	C	820	690,000	24	0.50	1.50
T287/42N12	4	C	1000	920,000	12	0.75	1.63
T287/42N18	4	C	1000	920,000	18	0.75	1.63
T287/42N24	4	C	1000	920,000	24	0.75	1.63

* Ampere ratings are suggested for use as a guide only. Actual values used for a given application will depend on such factors as permissible temperature rise, permissible voltage drop, number of cables together and other conditions of service. For outdoor use, these ratings may be increased from 22% to 40% depending upon the size and position of the braid.



UTILCO Tin Plated Copper Flexible Braid

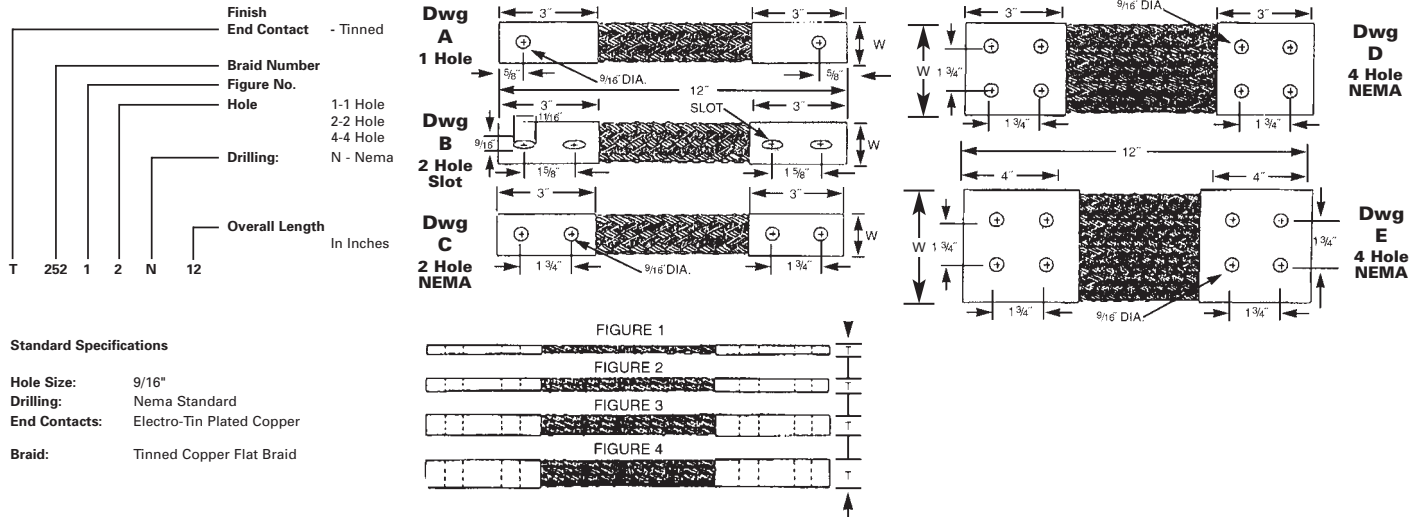
TYPE T

Features

- Manufactured from pure copper braid
- Electro-tin plated
- Seamless pure copper ferrules
- Inside ferrule ends are rounded
- Swaged terminal to copper braid by cold forming
- Extra flexible braided connector
- Rated for 600 volts

Benefits

- Provides high conductivity
- Provides low contact resistance
- Provides superior contact
- Prevents chafing of strands
- Provides a reduced resistance form point to point; much lower than standard power cables or loose - piece type terminals
- Multi-purpose use for bonding, grounding and connecting moving parts
- Ensures reliability



Catalog Number	Figure Number	Drawing Number	Ampere Rating (Indoors)*	Circular Mils. of Braids	Dimensions		
					L	T	W
T294/12N12	1	C	415	300,000	12	0.25	1.50
T294/12N18	1	C	415	300,000	18	0.25	1.50
T294/12N24	1	C	415	300,000	24	0.25	1.50
T294/22N12	2	C	700	600,000	12	0.50	1.50
T294/22N18	2	C	700	600,000	18	0.50	1.50
T294/22N24	2	C	700	600,000	24	0.50	1.50
T294/32N12	3	C	960	900,000	12	0.75	1.63
T294/32N18	3	C	960	900,000	18	0.75	1.63
T294/32N24	3	C	960	900,000	24	0.75	1.63
T294/42N12	4	C	1200	1,200,000	12	1.00	1.63
T294/42N18	4	C	1200	1,200,000	18	1.00	1.63
T294/42N24	4	C	1200	1,200,000	24	1.00	1.63
T278/14N12-4	1	E	625	422,000	12	0.25	4.00
T278/14N18-4	1	E	625	422,000	18	0.25	4.00
T278/14N24-4	1	E	625	422,000	24	0.25	4.00

* Ampere ratings are suggested for use as a guide only. Actual values used for a given application will depend on such factors as permissible temperature rise, permissible voltage drop, number of cables together and other conditions of service. For outdoor use, these ratings may be increased from 22% to 40% depending upon the size and position of the braid.



UTILCO Tin Plated Copper Flexible Braid

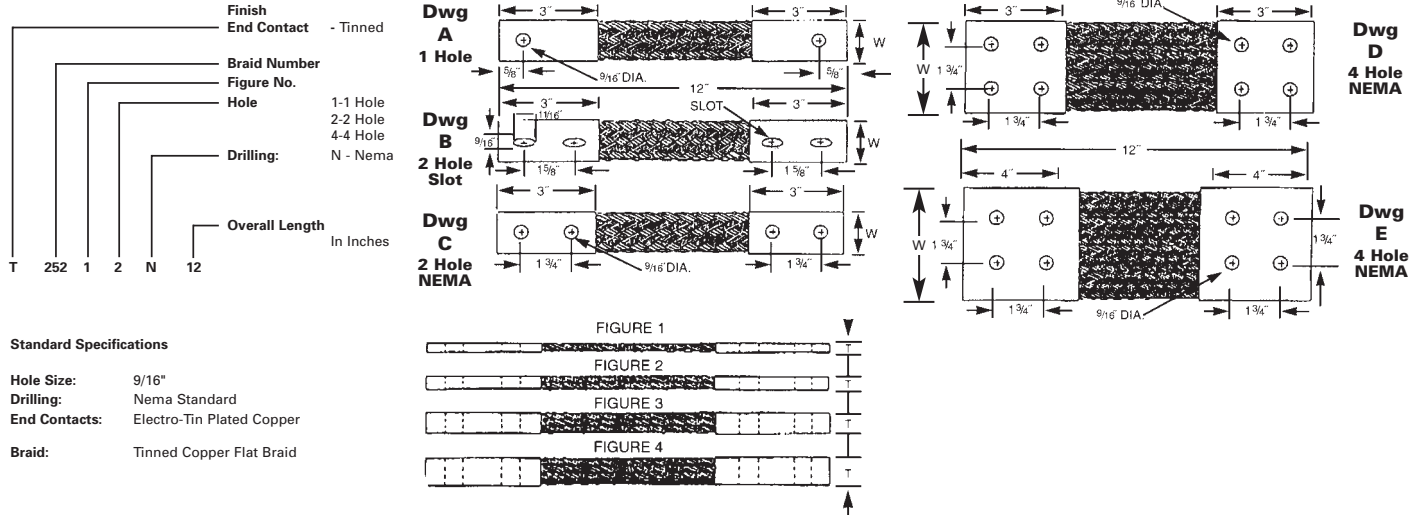
TYPE T

Features

- Manufactured from pure copper braid
- Electro-tin plated
- Seamless pure copper ferrules
- Inside ferrule ends are rounded
- Swaged terminal to copper braid by cold forming
- Extra flexible braided connector
- Rated for 600 volts

Benefits

- Provides high conductivity
- Provides low contact resistance
- Provides superior contact
- Prevents chafing of strands
- Provides a reduced resistance form point to point; much lower than standard power cables or loose - piece type terminals
- Multi-purpose use for bonding, grounding and connecting moving parts
- Ensures reliability



Catalog Number	Figure Number	Drawing Number	Ampere Rating (Indoors)*	Circular Mils. of Braids	Dimensions		
					L	T	W
T278/24N12-4	2	E	940	844,000	12	0.31	4.00
T278/24N18-4	2	E	940	844,000	18	0.31	4.00
T278/24N24-4	2	E	940	844,000	24	0.31	4.00
T278/34N12-4	3	E	1200	1,266,000	12	0.38	4.00
T278/34N18-4	3	E	1200	1,266,000	18	0.38	4.00
T278/34N24-4	3	E	1200	1,266,000	24	0.38	4.00
T278/44N12-4	4	E	1600	1,688,000	12	0.50	4.00
T278/44N18-4	4	E	1600	1,688,000	18	0.50	4.00
T278/44N24-4	4	E	1600	1,688,000	24	0.50	4.00
T278/14N12-3	1	D	370	211,200	12	0.25	3.00
T278/14N18-3	1	D	370	211,200	18	0.25	3.00
T278/14N24-3	1	D	370	211,200	24	0.25	3.00
T278/24N12-3	2	D	625	422,400	12	0.31	3.00
T278/24N18-3	2	D	625	422,400	18	0.31	3.00
T278/24N24-3	2	D	625	422,400	24	0.31	3.00

* Ampere ratings are suggested for use as a guide only. Actual values used for a given application will depend on such factors as permissible temperature rise, permissible voltage drop, number of cables together and other conditions of service. For outdoor use, these ratings may be increased from 22% to 40% depending upon the size and position of the braid.

UTILCO Tin Plated Copper Flexible Braid

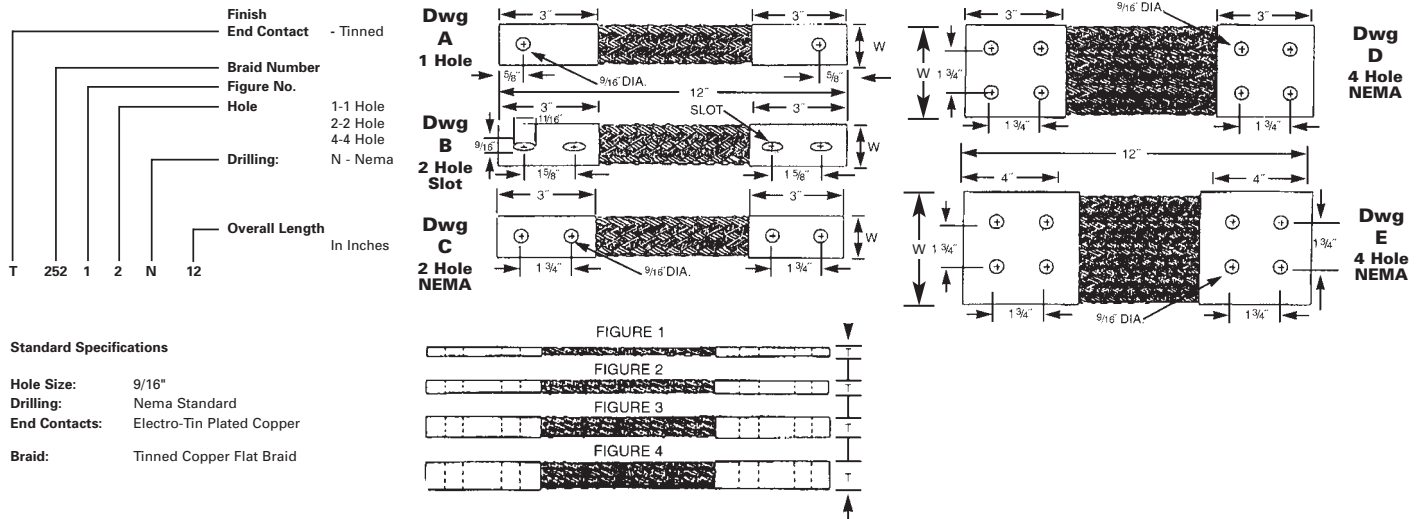
TYPE T

Features

- Manufactured from pure copper braid
- Electro-tin plated
- Seamless pure copper ferrules
- Inside ferrule ends are rounded
- Swedged terminal to copper braid by cold forming
- Extra flexible braided connector
- Rated for 600 volts

Benefits

- Provides high conductivity
- Provides low contact resistance
- Provides superior contact
- Prevents chafing of strands
- Provides a reduced resistance form point to point; much lower than standard power cables or loose - piece type terminals
- Multi-purpose use for bonding, grounding and connecting moving parts
- Ensures reliability



Catalog Number	Figure Number	Drawing Number	Ampere Rating (Indoors)*	Circular Mils. of Braids	Dimensions		
					L	T	W
T278/34N12-3	3	D	800	633,600	12	0.38	3.00
T278/34N18-3	3	D	800	633,600	18	0.38	3.00
T278/34N24-3	3	D	800	633,600	24	0.38	3.00
T278/44N12-3	4	D	940	844,900	12	0.50	3.00
T278/44N18-3	4	D	940	844,900	18	0.50	3.00
T278/44N24-3	4	D	940	844,900	24	0.50	3.00

* Ampere ratings are suggested for use as a guide only. Actual values used for a given application will depend on such factors as permissible temperature rise, permissible voltage drop, number of cables together and other conditions of service. For outdoor use, these ratings may be increased from 22% to 40% depending upon the size and position of the braid.



UTILCO Tin Plated Copper Flexible Braid

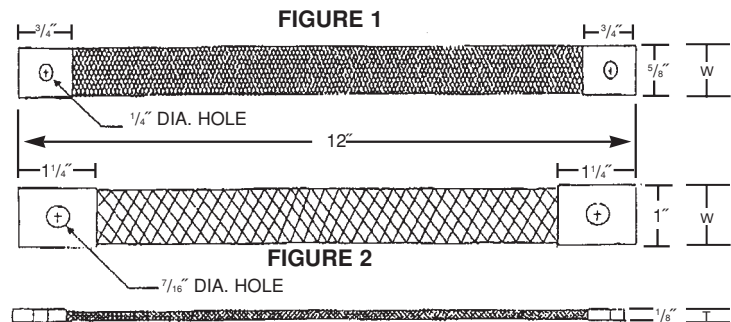
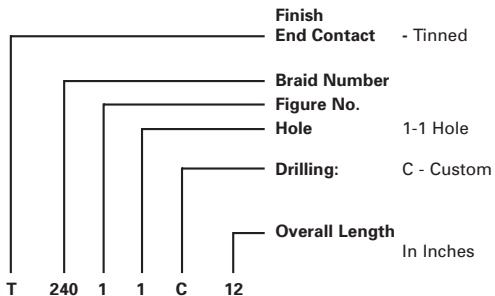
TYPE T

Features

- Manufactured from pure copper braid
- Electro-tin plated
- Seamless pure copper ferrules
- Inside ferrule ends are rounded
- Swaged terminal to copper braid by cold forming
- Extra flexible braided connector
- Rated for 600 volts

Benefits

- Provides high conductivity
- Provides low contact resistance
- Provides superior contact
- Prevents chafing of strands
- Provides a reduced resistance form point to point; much lower than standard power cables or loose - piece type terminals
- Multi-purpose use for bonding, grounding and connecting moving parts
- Ensures reliability



Standard Specifications

- End Contacts:** Electro-Tin Plated Copper
- Braid:** Tinned Copper Flat Braid
- Options:** - Custom drilling pattern (drawing must be supplied)

Catalog Number	Figure Number	Ampere Rating (Indoors)*	Circular Mils. of Braids	Dimensions		
				L	T	W
T240/11C12	1	95	24,000	12	0.13	0.63
T240/11C18	1	95	24,000	18	0.13	0.63
T240/11C24	1	95	24,000	24	0.13	0.63
T244/21C12	2	145	48,000	12	0.13	1.00
T244/21C18	2	145	48,000	18	0.13	1.00
T244/21C24	2	145	48,000	24	0.13	1.00

* Ampere ratings are suggested for use as a guide only. Actual values used for a given application will depend on such factors as permissible temperature rise, permissible voltage drop, number of cables together and other conditions of service. For outdoor use, these ratings may be increased from 22% to 40% depending upon the size and position of the braid.



<p>ILCB-12-N</p>  <p>182</p>	<p>IDTB-6</p>  <p>183</p>	<p>ILC-12-N</p>  <p>184</p>	<p>IDT-6</p>  <p>185</p>	<p>IDT-12-N</p>  <p>186</p>
<p>IDT-6H</p>  <p>187</p>	<p>ILC-12H-N</p>  <p>188</p>	<p>ILC-15H</p>  <p>189</p>	<p>5ACR</p>  <p>190</p>	<p>FP-1</p>  <p>191</p>
<p>MT-25</p>  <p>193</p>	<p>94285</p>  <p>194</p>	<p>ND-58, ND-60</p>  <p>195-196</p>	<p>ILC-10-N</p>  <p>197</p>	<p>94130, 94140, WS-1</p>  <p>198</p>
<p>MECHANICAL TOOLS</p>  <p>199</p>		<p>CTR-2/0, CTR-350, CTR-500, CTR-750</p>  <p>200</p>		
		<p>COMPRESSION DIES</p>  <p>201-203</p>	<p>TOOLING INFORMATION</p> <p>204-209</p>	<p>TOOL ACCESSORIES</p> <p>210</p>

UTILCO Battery Powered Crimping Tool

TYPE ILCB-12-N

Features

- Head tested to 50,000 crimp cycles
- Accepts industry standard "U" dies
- Lightweight - 14.9 lbs.
- Two speed pump
- Ram automatically retracts when crimp cycle is complete
- Head rotates 360 degrees
- Battery provides up to 35 crimps per charge
- One-hour 120 volt charger and two 12 volt batteries included

Benefits

- Durable and dependable
- Flexibility and economy
- Easy to hold, less tiring for numerous crimps
- Reduces cycle time
- Confirms crimp was completed
- Convenience when working in tight areas
- Easy to charge, dependable performance
- Convenience

Specifications

Force developed: 12 Tons
 Weight: 14.9 lbs.
 Overall length: 15-1/4"
 Jaw Opening: 1.65"
 Connector Range: 1000kcmil-#8



For Use with*

Aluminum Connectors	Copper Connectors
CPM Series	CLN4, CLN9, CLND,
ACM Series	CLNF, CLNN, CLNS,
ACO Series	CLNU, CLW4, CLW9,
ACO-90 Series	CLWD, CLWF, CLWN,
ACL, ACN Series thru 750kcmil	CLWS, CSN4, CSN9,
2ACL, 2ACN Series thru 750kcmil	CSND, CSNF, CSNN,
AS Series thru 750kcmil	CSNS, CSW4, CSW9,
AH 1-4	CSWD, CSWF, CSWN,
HT Series	CSWS 1000kcmil thru 8
IACL Series thru 750kcmil	
2IACL Series thru 750kcmil	

*See page 202 for required compression dies

Includes:

- 2 batteries
- 1 battery charger
- 1 steel carrying case
- Instruction manual

TYPE IDTB-6

Features

- Dieless operation
- Battery powered
- No set-up time
- Flip top head
- Head rotates 360 degrees, angled pistol grip
- Lightweight - 10.8 lbs.
- Battery provides up to 35 crimps per charge
- One-hour 120 volt charger and two 12 volt batteries included

Benefits

- No dies to lose or replace, one tool does it all
- Flexibility in use - can use where power access is limited
- Speeds installation
- Easy connector loading and unloading
- Convenience when working in tight areas
- Easy to hold, less tiring for numerous crimps
- Easy to charge, dependable performance
- Convenience

Specifications

Force developed: 6.2 Tons
 Weight: 10.8 lbs.
 Overall Length: 14-7/8"
 Connector Range: 750kcmil-#6



For Use with

Aluminum Connectors	Copper Connectors
ACL, ACN Series thru 750kcmil	CLN4, CLN9, CLND,
2ACL, 2ACN Series thru 750kcmil	CLNF, CLNN, CLNS,
AS Series thru 750kcmil	CLNU, CLW4, CLW9,
IACL Series thru 500kcmil	CLWD, CLWF, CLWN,
2IACL Series thru 500kcmil	CLWS, CSN4, CSN9,
	CSND, CSNF, CSNN,
	CSNS, CSW4, CSW9,
	CSWD, CSWF, CSWN,
	CSWS 750kcmil thru 6

Includes:

- 2 batteries
- 1 battery charger
- 1 steel carrying case
- Instruction manual



UTILCO Hand Operated Hydraulic Tool

TYPE ILC-12-N

Features

- Head tested to 50,000 crimp cycles
- Accepts industry standard "U" dies
- Light head - 13.2 lbs.
- Two speed pump
- Ram automatically retracts when crimp cycle is complete
- Head rotates 360 degrees

Benefits

- Durable and dependable
- Flexibility and economy
- Easy to hold, less tiring for numerous crimps
- Reduces cycle time
- Confirms crimp was completed
- Convenience when working in tight areas

Specifications

Force developed: 12 Tons
 Operating pressure: 10,000 PSI
 Weight: 13.2 lbs.
 Overall length: 21-1/2"
 Jaw Opening: 1.65"
 Conductor Range: 1000kcmil-#8



For Use with*

Aluminum Connectors	Copper Connectors
CPM Series	CLN4, CLN9, CLND,
ACM Series	CLNF, CLNN, CLNS,
ACO Series	CLNU, CLW4, CLW9,
ACO-90 Series	CLWD, CLWF, CLWN,
ACL, ACN 750kcmil-8	CLWS, CSN4, CSN9,
2ACL, 2ACN 750kcmil-1/0	CSND, CSNF, CSNN,
AS 750kcmil-8	CSNS, CSW4, CSW9,
AH 1-4	CSWD, CSWF, CSWN,
HT Series	CSWS 1000kcmil thru 8
IACL Series thru 750kcmil	
2IACL Series thru 750kcmil	

*See page 202 for required compression dies

Includes:

Steel carrying case
 Instruction manual

UTILCO Hand Operated Dieless Crimping Tool

TYPE IDT-6

Features

- Dieless operation
- Automatic two speed pump
- Ram automatically retracts when crimp cycle is complete
- Head rotates 360 degrees
- Flip top head
- Lightweight - 9.0 lbs.

Benefits

- No dies to lose or replace, one tool does it all
- Rapid advance, reduces cycle time
- Confirms crimp was completed
- Convenience when working in tight areas
- Easy connector loading and unloading
- Easy to hold, less tiring for numerous crimps

Specifications

Force developed: 6.2 Tons
 Weight: 9.0 lbs.
 Overall Length: 21-1/16"
 Connector Range: 750kcmil-#6



Includes:

Steel carrying case
 Instruction manual

For Use with

Aluminum Connectors	Copper Connectors
ACL, ACN Series thru 750kcmil	CLN4, CLN9, CLND,
2ACL, 2ACN Series thru 750kcmil	CLNF, CLNN, CLNS,
AS Series thru 750kcmil	CLNU, CLW4, CLW9,
IACL Series thru 500kcmil	CLWD, CLWF, CLWN,
2IACL Series thru 500kcmil	CLWS, CSN4, CSN9,
	CSND, CSNF, CSNN,
	CSNS, CSW4, CSW9,
	CSWD, CSWF, CSWN,
	CSWS 1000kcmil thru 6



UTILCO Dieless Hand Operated Hydraulic Tool

TYPE IDT-12-N

Features

- Dieless operation
- Pressure system automatically changes crimping force for each connector and size
- Seven indent profiles
- Automatic two speed pump
- 15 ton maximum crimping force
- Head rotates 180 degrees
- Hinged head

Benefits

- No dies to lose or replace, one tool does it all
- Eliminates crimping errors
- Requires fewer crimps per connector
- Rapid advance, reduces cycle time
- Ability to crimp 1000 kcmil
- Convenience when working in tight areas
- Easy connector loading and unloading

Specifications

Force developed: 15 Tons
 Overall length: 26.5"
 Weight: 16.5 lbs.
 Conductor Range: 1000kcmil - #4 CU
 1000kcmil - #6 AL



For Use with

Aluminum Connectors	Copper Connectors
ACL, ACN Series	CLN4, CLN9, CLND,
2ACL, 2ACN Series	CLNF, CLNN, CLNS,
AS Series	CLNU, CLW4, CLW9,
IACL Series	CLWD, CLWF, CLWN,
2IACL Series	CLWS, CSN4, CSN9,
	CSND, CSNF, CSNN,
	CSNS, CSW4, CSW9,
	CSWD, CSWF, CSWN,
	CSWS 1000kcmil thru 4

Includes:

Steel carrying case
 Instruction manual

UTILCO Dieless Remote Power Operated Compression

TYPE IDT-6H

Features

- Dieless operation
- Flip top head
- Lightweight - 6.2 lbs
- Equipped with 3/8" male screw coupler

Benefits

- No dies to lose or replace, one tool does it all
- Easy connector loading and unloading
- Easy to hold, less tiring for numerous crimps
- For use with standard industry hoses

Specifications

Force developed: 6.2 Tons
 Operating pressure: 10,000 PSI
 Overall Length: 10-1/2"
 Weight: 6.2 lbs.
 Conductor Range: 750kcmil-#6



For Use with

Aluminum Connectors	Copper Connectors
ACL, ACN Series thru 750kcmil	CLN4, CLN9, CLND,
2ACL, 2ACN Series thru 750kcmil	CLNF, CLNN, CLNS,
AS Series thru 750kcmil	CLNU, CLW4, CLW9,
IACL Series thru 500kcmil	CLWD, CLWF, CLWN,
2IACL Series thru 500kcmil	CLWS, CSN4, CSN9,
	CSND, CSNF, CSNN,
	CSNS, CSW4, CSW9,
	CSWD, CSWF, CSWN,
	CSWS 750kcmil thru 6

Additional Requirements:

- Hose
- Pump

Includes:

Steel carrying case
 Instruction manual



UTILCO Remote Power Operated Compression Tool

TYPE ILC-12H-N

Features

- Head tested to 50,000 crimp cycles
- Accepts industry standard "U" dies
- Hot stick attachment point
- Light head - 9.7 lbs
- Equipped with 3/8" male screw coupler
- Ram automatically retracts when crimp cycle is complete

Benefits

- Durable and dependable
- Flexibility and economy
- Offers the option of performing line maintenance when properly protected
- Easy to hold, less tiring for numerous crimps
- For use with standard industry hoses
- Confirms crimp was completed

Specifications

Force developed: 12 Tons
 Operating pressure: 10,000 PSI
 Weight: 9.7 lbs.
 Overall Length: 11-7/8"
 Jaw Opening: 1.65"
 Conductor Range: 1000kcmil-#8



Includes:
 Steel carrying case
 Instruction manual

For Use with*

Aluminum Connectors	Copper Connectors
CPM Series	CLN4, CLN9, CLND,
ACM Series	CLNF, CLNN, CLNS,
ACO Series	CLNU, CLW4, CLW9,
ACO-90 Series	CLWD, CLWF, CLWN,
ACL 750kcmil-8	CLWS, CSN4, CSN9,
2ACL 750kcmil-1/0	CSND, CSNF, CSNN,
AS 750kcmil-8	CSNS, CSW4, CSW9,
AH 1-7	CSWD, CSWF, CSWN,
HT Series	CSWS 1000kcmil thru 8
IACL Series	
2IACL Series	

*See page 202 for required compression dies

Additional Requirements:

- Hose
- Pump

UTILCO Remote Power Operated Compression Tool

TYPE ILC-15H

Features

- Lightweight - only 14.1 lbs
- Accepts P or U dies with adapter
- Hot stick attachment point
- Equipped with 3/8" male screw coupler
- Zinc plated head

Benefits

- Easy to hold, less tiring for numerous crimps
- Versatility and efficiency. Use your current dies with this tool
- Offers the option of performing line maintenance when properly protected
- For use with standard industry hoses
- Excellent corrosion resistance for long tool life

Specifications

Force developed: 15 Tons
 Operating pressure: 10,000 PSI
 Weight (with case): 14.1 lbs.
 Overall length: 15"
 Maximum width: 3"
 Conductor Range: 1000kcmil-#8



For Use with*	
Aluminum Connectors	Copper Connectors
CPM Series	CLN4, CLN9, CLND,
ACM Series	CLNF, CLNN, CLNS,
ACO Series	CLNU, CLW4, CLW9,
ACO-90 Series	CLWD, CLWF, CLWN,
ACL, ACN 1000kcmil-8	CLWS, CSN4, CSN9,
2ACL, 2ACN 1000kcmil-1/0	CSND, CSNF, CSNN,
AS 1000kcmil-8	CSNS, CSW4, CSW9,
HT Series	CSWD, CSWF, CSWN,
AH Series	CSWS 1000kcmil thru 8
IACL Series	
2IACL Series	

*See page 203 for required compression dies
 Note: If using "U" dies, an ILD-UADP must be used.
 If using "P" dies, an ILD-PADP must be used.

Additional Requirements:

- Hose
- Pump
- Adaptor required with all dies



UTILCO Electric/Hydraulic Pump

TYPE 5ACR

Features

- 1/2 HP, 115VSC 50/60 Hz Motor
- Lightweight, compact design with carrying handle
- 10,000 PSI high-pressure pump with high-pressure relief valve
- Two-stage pump for rapid advance
- Pressure matched quick coupler

Benefits

- Convenient 115 V-AC electric powered motor and run on as low as 60 VAC
- Easy to lift, carry and transport tool around job site with lightweight body and handle
- High quality crimps are achieved with built in, factory set pressure release valve
- Two-stage pumping system of the unique, intermittent duty pump is designed for years of dependable service
- Saves time with quick disconnect hydraulic fitting

Technical Data:

Motor: 1/2 HP single phase, 115VAC 9 amps
Electric Control: Remote control with 10' cord
Oil Delivery per minute: 250 cu in @ 200 PSI,
19 cu in @ 10,000 PSI
Oil Reservoir: 1 gallon (3.7 liters)
Overall Length: 10.52"
Overall Width: 8.10"
Overall Height: 15.95"
Pump Weight (with oil): 29 lbs



For Use with

ILC-12H	ILC-12H-N
IDT-12H	IDT-6H
ILC-14H	ILC-15H
ILC-15	

UTILCO Hydraulic Foot Pump

TYPE FP-1

Features

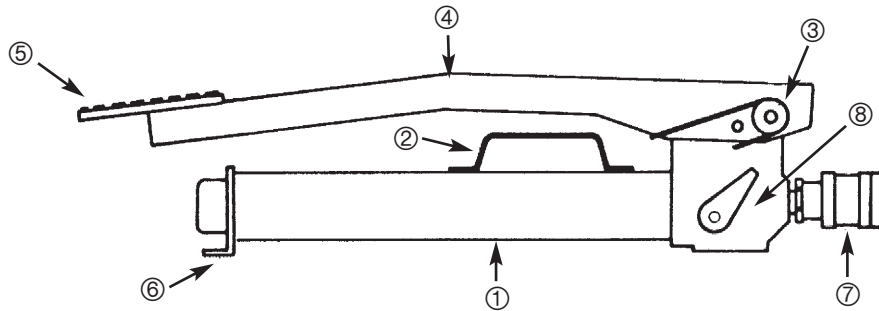
- ① • Lightweight rugged design, portable
- ② • Built in handle
- ③ • Spring loaded arm
- ④ • Long arm
- ⑤ • Diamond plate steel foot pad
- ⑥ • Sturdy leg stabilizers
- ⑦ • Quick-disconnect hydraulic fitting, uses only Pioneer fittings
- ⑧ • Built-in factory set pressure relief valve

Benefits

- Easy to lift and carry
- Easy to transport and move tool around job site with built in handle
- Easy operation provided with spring assisted return arm
- Maximum mechanical advantage provided with long arm extending beyond pump body
- Quality, heavy duty foot pad provided with diamond plate steel. (slip resistant)
- Solid tool base provided with sturdy broad leg stabilizers
- Time saving quick disconnect hydraulic fitting
- High quality crimps provided with factory set pressure release valve with audible click to signal completion of crimp

Specifications

Reservoir volume:	1-1/8 qts.
Length:	24-3/4"
Width:	5"
Weight:	19 lbs.
Closed Height:	6-1/2"
Height (with arm open):	17"
Output Pressure:	10,000 PSI



For Use on

Hydraulic Tools

ILC-12H

ILC-12H-N

IDT-12H

IDT-6H

ILC-14H

ILC-15

ILC-15H



UTILCO Hydraulic Hoses

TYPE HH-10N

Features

- Pre-filled with oil
- Strain reliefs
- Insulated hose
- Rated 10,000 PSI
- Pioneer fittings
- 10 ft. Hose length

Benefits

- Convenience
- Safety
- Safety
- Powers most remote heads
- Standard for most hydraulic tools
- Convenience

**For use with IlSCO and other hydraulic tools,
IlSCO 5ACR pump and FP-1 foot pump.**

Catalog Number	Coupler Type	For Use With
HH-10N	Male - Female	IDT-6H, ILC-12H-N, ILC-15H



UTILCO Manually Operated Compression Tool

TYPE MT-25

Features

- Dieless single indent compressor
- Steel adjusting knob
- UL Listed terminals and splices
- Mounting hole for bench mounting applications

Benefits

- Reduces installed cost by having no separate dies to purchase, change or lose
- Provides fast and easy setting. Simply align the line on the die nest with the wire size gauge for proper crimping results.
- Ensures reliability. ILSCO's standard line of connectors are UL Listed when crimped with the MT-25 tool
- Convenience

Specifications

Length:	22.65"
Weight:	6 lbs.
Depth:	4.86"
Width:	1.12"
Conductor Range:	250kcmil-8 CU 4/0-8 AL



For Use with

Aluminum Connectors	Copper Connectors
ACL, ACN 4/0-8	CLN4, CLN9, CLND,
2ACL, 2ACN 4/0-8	CLNF, CLNN, CLNS,
AS 4/0-8	CLNU, CLW4, CLW9,
	CLWD, CLWF, CLWN,
	CLWS, CSN4, CSN9,
	CSND, CSNF, CSNN,
	CSNS, CSW4, CSW9,
	CSWD, CSWF, CSWN,
	CSWS 250kcmil thru 8
	CCL, CRAM



UTILCO Manually Operated Compression Tool

TYPE
94285

Features

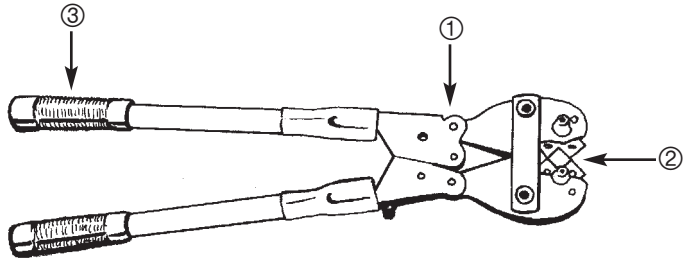
- ① • Controlled cycle ratchet mechanism
- ② • Built in rotatable dies
- ③ • Comfort grip handles
- UL Listed terminals and splices

Benefits

- Acts as a quality control device, once a crimp is started, the tool will not open until it is completed. (Tool has emergency release mechanism.)
- No separate dies to purchase or lose
- Helps ease fatigue with continuous use
- Ensures reliability. ILSICO's standard line of connectors are UL Listed when crimped with the 94285 tool

Specifications

Length: 25-1/4"
Weight: 6.1 lbs.
Conductor Range: 250kcmil-8 CU
3/0-8 AL



For Use with

Aluminum Connectors	Copper Connectors
ACL, ACN 3/0-8	CLN4, CLN9, CLND,
2ACL, 2ACN 3/0-8	CLNF, CLNN, CLNS,
AS 3/0-8	CLNU, CLW4, CLW9,
	CLWD, CLWF, CLWN,
	CLWS, CSN4, CSN9,
	CSND, CSNF, CSNN,
	CSNS, CSW4, CSW9,
	CSWD, CSWF, CSWN,
	CSWS 250kcmil thru 8

UTILCO Manually Operated Compression Tool

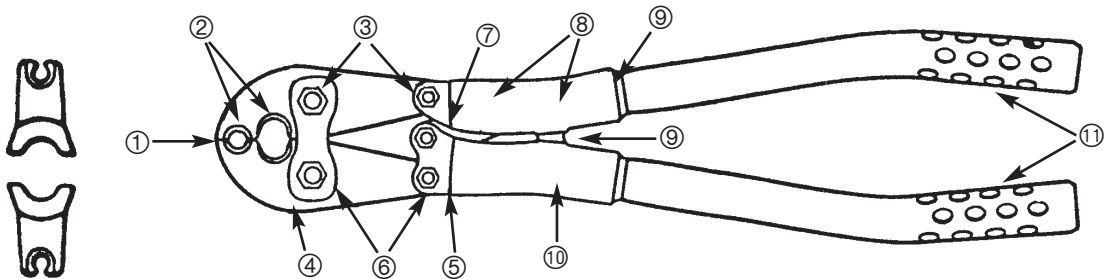
TYPE ND-58

- Features**
- ① • High strength, butting, forged steel jaw
 - ② • Two permanent die grooves
 - ③ • Large diameter hardened steel bolts
 - ④ • Spring loaded positive lock die retainer buttons
 - ⑤ • Orange alignment grooves
 - ⑥ • PTFE[®] impregnated steel backed bronze bushings
 - ⑦ • Over center cam action
 - ⑧ • Adjustment screws
 - ⑨ • Handle butt stops and heat shrink tubing
 - ⑩ • High quality clear hickory handles
 - ⑪ • Bent handles and anti-slip handle grips

- Benefits**
- Assures proper crimps
 - No additional dies required for "0" and "D₃" size tap connectors. The "D₃" groove accommodates the complete line of type "W-" die inserts.
 - Provides increased strength and greater bearing area
 - Allows fast, easy, one-hand die insertion. No lost dies.
 - Allows easy visual field check for proper tool adjustment
 - Over 90,000 crimps provided with Teflon impregnated steel backed bronze bushings
 - Assures full crimp force
 - Easy tool adjustment with allen wrench screws
 - Operator protection provided with butt stops and heat shrink tubing
 - Long life expectancy provided with select clear hickory handles and light weight high strength aluminum alloy castings
 - Easier tool operation is provided with bent handles and anti-slip grips

Specifications

Crimp Force: 9,000 lbs.
 Length: 25-3/8"
 Weight: 9 lbs.



For Use with	
Aluminum Connectors	Copper Connectors
PIK Series	GGA-1
PIK-840 Series	GGC-1
UCL 1/0-4	ULT 4-7
UCS 1/0-4	
HT Series	
AH 1-4	

Accessories:
 • Carrying bag included



UTILCO Manually Operated Compression Tool

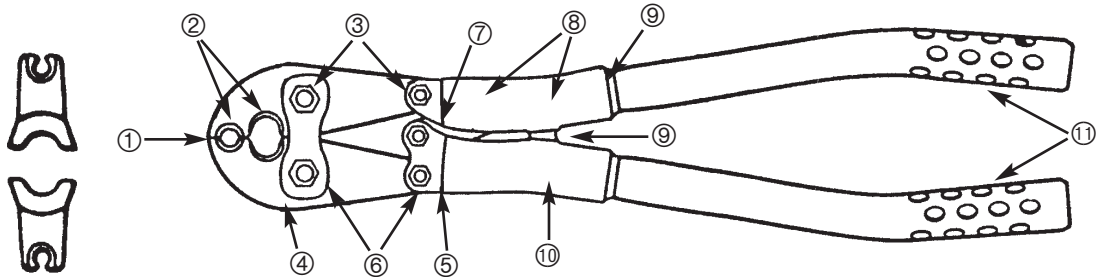
TYPE ND-60

- Features**
- ① • High strength, butting, forged steel jaw
 - ② • Two permanent die grooves
 - ③ • Large diameter hardened steel bolts
 - ④ • Spring loaded positive lock die retainer buttons
 - ⑤ • Orange alignment grooves
 - ⑥ • PTFE[®] impregnated steel backed bronze bushings
 - ⑦ • Over center cam action
 - ⑧ • Adjustment screws
 - ⑨ • Handle butt stops and heat shrink tubing
 - ⑩ • High quality clear hickory handles
 - ⑪ • Bent handles and anti-slip handle grips

- Benefits**
- Assures proper crimps
 - No additional dies required for "BG" and "D₃" size tap connectors. The "D₃" groove accommodates the complete line of type "W." die inserts.
 - Provides increased strength and greater bearing area
 - Allows fast, easy, one-hand die insertion. No lost dies.
 - Allows easy visual field check for proper tool adjustment
 - Over 90,000 crimps provided with Teflon impregnated steel backed bronze bushings
 - Assures full crimp force
 - Easy tool adjustment with allen wrench screws
 - Operator protection provided with butt stops and heat shrink tubing
 - Long life expectancy provided with select clear hickory handles and light weight high strength aluminum alloy castings
 - Easier tool operation is provided with bent handles and anti-slip grips

Specifications

Crimp Force: 9,000 lbs.
 Length: 25-3/8"
 Weight: 9 lbs.



For Use with

Aluminum Connectors	Copper Connectors
PIK Series	GGA-1
PIK-840 Series	GGC-1
UCL 1/0-4	ULT 4-7
UCS 1/0-4	
HT Series	
AH 1-4	

Accessories:

- Carrying bag included

UTILCO Hand Operated Crimping Tool

TYPE ILC-10-N

Features

- Rotatable die
- Additional die affixed to frame
- Crimp cavities are color coded to industry standards
- Ratchet control mechanism
- Heat treated frame and dies
- Long, molded handles

Benefits

- Crimps #2, #4, #6 and #8 copper compression connectors
- Crimps 1/0 and #1 copper compression connectors
- Reduces the possibility of improper die selection
- Assures a complete crimp
- Dependable, long lasting tool
- Ergonomic design to reduce hand stress

Specifications

Weight:	1-3/8 lbs.
Overall Length:	11"
Width:	3.75"
Jaw Opening:	.5"
Conductor Range:	1/0-8 CU



For Use with

Copper Connectors

CLN4, CLN9, CLND,

CLNF, CLNN, CLNS,

CLNU, CLW4, CLW9,

CLWD, CLWF, CLWN,

CLWS, CSN4, CSN9,

CSND, CSNF, CSNN,

CSNS, CSW4, CSW9,

CSWD, CSWF, CSWN,

CSWS 1/0 thru 8

UTILCO Manually Operated Crimp Tools

TYPE
94130
Controlled-Cycle
Crimper

- Features**
- Dieless tool
 - Ratchet mechanism
 - Compound action
 - Cushion grip handles
 - Crimps insulated wire terminals
 - Wire Range: 10-22 AWG, Weight .8 lb

- Benefits**
- No need to purchase and maintain dies
 - Assures proper crimp force every time
 - Delivers maximum crimp force with minimum effort
 - Provides user comfort
 - Provides flexibility in use



TYPE
94140
Multi Purpose
Crimp Tool

- Features**
- Heavy duty carbon steel construction
 - Comfort grip handles
 - Spring loaded action
 - Safety lock mechanism
 - Color coded crimp nest
 - Crimp nest
 - Wire cutter
 - Machine screw cutters
 - Wire stripper/wire gauge

- Benefits**
- Provides durable rugged reliability
 - Provides user comfort
 - Enables multiple crimps
 - Provides for compact storage
 - For insulated terminals
 - For uninsulated terminals
 - Easily cuts solid and stranded wire
 - Cuts and rethreads 4-40, 6-32, 8-32, 10-24, and 10-32 machine screws
 - 26-8 AWG



TYPE
WS-1
Wire Stripper

- Features**
- Cushion grip handles
 - Crimp die
 - Wire strip gauge
 - Plier nose
 - Wire loop holes
 - Wire cutter
 - "Open" spring
 - Metric markings
 - Precision stripping
 - Wire crimp range: 14-20 AWG

- Benefits**
- Eases pressure on hands when working for long periods or with larger conductor
 - Built in crimp die allows you to crimp insulated terminals from 20AWG to 14AWG
 - Convenient stamped wire strip gauge makes it easy to strip conductors to specific length consistently
 - Flat plier nose allows you to conveniently punch and twist knock outs
 - Built in looping holes allow you to conveniently bend eye loop into end of conductor
 - Built in cutter is precision ground to cut small conductor copper intended to be stripped (Strips #10 - 18 AWG)
 - Conveniently holds tool in open position to facilitate wire insertion
 - Metric markings provide for use of tool on products that have been sized metrically
 - Precision ground wire stripping holes provide a clean cutting and stripping action of insulation



TYPE MECHANICAL TOOLS



Catalog Number	Figure Number	Description	Hex Size	Length
DR-516	5	Driver for Torque Wrench	5/16	-
DR-38	5	Driver for Torque Wrench	3/8	-
DR-12	5	Driver for Torque Wrench	1/2	-
HW-13	2	Screwdriver Bit for TS-35, .214 x .040	-	-
HW-14	2	Screwdriver Bit for TS-35, .250 x .042	-	-
TK-1	-	Torque Kit with TS-35, HW-13, HW-14, TW-1, DR-516, DR-38, Case	-	-
TK-2	-	Torque Kit with TS-35, HW-13, HW-14, TW-750R, TW-150R, DR-516, DR-38, Case	-	-
TS-35	1	Torque Screwdriver 0-36 lbs.	-	-
TW-1	3	Torque Wrench 0-600 in. lbs.	-	-
TW-150R	4	Torque Wrench (Ratchet type) 5-150 in. lbs.	-	-
TW-750R	4	Torque Wrench (Ratchet type) 100-750 in. lbs.	-	-
WR-1	7	Double Wrench	3/16, 5/16	4
WR-1A	6	Wrench	3/16	4-1/2
WR-3	6	Wrench	1/4	5-1/4
WR-4	6	Wrench	5/16	3-3/16
WR-5	6	Wrench	3/8	4-1/2
WR-9	6	Wrench	5/16	10
WR-10	6	Wrench	3/8	10
WR-12	6	Wrench	1/2	5-1/2
WC	8	Wire Brush	-	-

UTILCO Cable Cutters

TYPE CTR-2/0

Features

- 7-1/2" overall length
- Sharp precision ground blades
- Heat treated blades
- Narrow head design
- Cuts up to 2/0 copper or aluminum cable

Benefits

- Better leverage for easier cutting
- Clean, distortion-free cuts
- Long, dependable and durable operation
- Provides easy access to confined areas
- Wide cutting range for a pouch tool



TYPE CTR-350

Features

- Sharp precision ground blades
- Moly steel blades
- Durable 16" metal handles
- Cuts copper and aluminum cable up to 350kcmil

Benefits

- Provides clean distortion-free cuts
- Offers extra strength to prevent blade breakage, blades stay sharper longer
- Provides easy handling
- Provides wide cutting range



TYPE CTR-500

Features

- Sharp precision ground blades
- Moly steel blades
- Durable 20-3/4" fiberglass handles
- Cuts copper and aluminum cable up to 500kcmil

Benefits

- Provides clean, distortion-free cuts
- Offers extra strength to prevent blade breakage, blades stay sharper longer
- Provides easy handling
- Provides wide cutting range



TYPE CTR-750

Features

- Cuts copper and aluminum cable up to 750kcmil
- Lightweight
- Ratchet mechanism
- 16" length
- Open/close lever
- Alloy steel precision ground replaceable blades

Benefits

- Provides large cutting capacity
- Weight of only 3 lbs. prevents operator fatigue
- Allows large cables to be cut with minimum effort
- Compact size provides ease of use in cramped spaces
- Lever that controls cutting blade direction makes the tool easy to use
- Provides years of service by being able to replace blades when necessary



L

UTILCO Compression Dies

TYPE W DIES FOR
ND-60
ND-58



Catalog Number	For Use With	
	Aluminum Compression Connectors	Copper Compression Connectors
ND-0	HT-1, HT-2, AH-1	GGC-1, GGA-1, GGA-2, GGA-4
ND-BG	PICS-61 thru PICS-78	ULT-4, ULT-5
ND-C		ULT-6, ULT-7
ND-K-840	UCS-2/0, UCS-3/0, UCS-4/0, UCS-250, PICS-834 thru PICS-869	



UTILCO Compression Dies

ILC-12, ILC-12-N, ILC-12H, ILC-12H-N, ILCB-12, ILCB-12-N,
ILC-14, ILC-14H, ILC-15, ILC-15H, ILC-750



Catalog Number	Class B/C Copper Wire Only	Fine Strand Copper Wire Only
	Series CS, CL, CT, CTL	Series CS, CL, CT, CTL
ILD-21	8 AWG	8 FLEX CLASS G,H,I,K,M,DLO
ILD-24	6 AWG	-
ILD-29	4-3 AWG	6-4 FLEX CLASS G,H,I,K,M,DLO
ILD-33	2 AWG	-
ILD-37	1 AWG	2 FLEX CLASS G,H,I,K,M,DLO
ILD-42	1/0 AWG	1 FLEX CLASS G,H,I,K,M,DLO
ILD-45	2/0 AWG	1/0 FLEX CLASS G,H,I,K,M,DLO
ILD-50	3/0 AWG	2/0 FLEX CLASS G,H,I,K,M,DLO
ILD-54	4/0 AWG	3/0 FLEX CLASS G,H,I,K,M,DLO
ILD-62	250kcmil	4/0 FLEX CLASS G,H,I,K,M,DLO
ILD-66	300kcmil	250 G,H
ILD-71	350kcmil	250 I,K,M 262 DLO
ILD-76	400kcmil	300 G,H,I,K,M 313 DLO
ILD-87	500kcmil	350 G,H,I,K,M 373 DLO
ILD-94	600kcmil	400 G,H,I,K,M 444 DLO
ILD-99	700kcmil	500 G,H,I,K,M 535 DLO
ILD-106	750kcmil	600 G,H,I,M 646 DLO
ILD-125	1000kcmil	750 G,H,I 777 DLO

UTILCO Compression Dies

FOR TYPE
ILC-15
ILC-15H
ILC-750



Figure 1



Figure 2

Catalog Number	Figure Number	For Use With	
		Aluminum Compression Connectors	Copper Compression Connectors
ILD-K-840*+	1	UCS-2/0, UCS-3/0, UCS-4/0, UCS-250, PICS-834 thru PICS-869	
ILD-C*+	1		ULT-6, ULT-7, ELT-1
ILD-D ₃ *+	1	HT-3, HT-4, HT-5, HT-6, HT-7, AH-2, AH-3, AH-4	ULT-12
ILD-O*+	1	HT-1, HT-2, AH-1	GGA-1, GGA-2, GGA-4, ELT-4, ELT-2
ILD-N*+	1	AH-5, AH-6, AH-7	
ILD-KR+	2	AH-8, AH-9, AH-10, AH-11, AH-12	AH-10, AH-11, AH-12
ILD-U997*+	1		GGA-2, GGA-3, GGA-5, GGC-2, GGC-3, GGC-4, ELT-5, ELT-3
ILD-U998+	1		GGA-4, GGA-5, GGC-5, GGC-6, GGC-7
ILD-P998	2	Can only be used with ILC-15 or ILC-15H	GGA-4, GGA-5, GGC-5, GGC-6, GGC-7
ILD-P999	2	Can only be used with ILC-15 or ILC-15H	GGA-6, GGC-8
ILD-U1011+	1		GGA-6, GGC-8, ELT-6
ILD-P1011°	2		GGA-6, GGC-8
ILD-UBG	1	PICS-61 thru PICS-78	ULT-4, ULT-5

* May also be used with ILC-12-N, ILC-12H-N, ILCB-12-N, ILC-12, ILC-12H, ILCB-12

+ Must be used with ILDPADP when using ILC-15, must be used with ILDPADP when using ILC-15H

o Must be used with ILDPADP when using ILC-15H

Die Adaptors

FOR TYPE
ILC-15
ILC-15H



Figure 1



Figure 2



Figure 3

Catalog Number	Figure Number	Description
ILD-ADP	1	Permits ILDPADP-1 to ILDPADP-18 to be inserted in ILC-15 tool
ILD-UADP	2	Permits ILDPADP-1 to ILDPADP-18 to be inserted in ILC-15H tool
ILD-PADP	3	Permits "P" style dies to be inserted in ILC-15H tool

ILSCO TOOLS - Tooling Information

WARNING! Do Not Use with Aluminum Wire

Hydraulic Tools

Lug Size	Class B/C Wire Size	Color Code	Die Index	Manual Hand Tools						Hydraulic Tools					
				94285			MT-25	ILC-10-N		IDT-6, IDT-6H 6.2 Ton Dieless, IDTB-6 6.2 Ton Dieless Battery	ILC-12-N, ILC-12H-N, ILC-12, ILC-12H, ILC-14, ILC-14H 12 Ton, ILCB-12-N, ILCB-12 12 Ton Battery	IDT-12-N 15 Ton Dieless	IDT-12, IDTB-12 11 Ton Dieless	ILC-15H 15 Ton, ILC-30H 30 Ton	ILC-750
				Left Die	Right Die	Crimps	Crimps	Index	Crimps						
8	8 AWG	Red	21	M	K	2	1	Red	1		1			1	1
6	6 AWG	Blue	24	K	K	2	1	Blue	2	1	1			1	1
4	4 AWG	Gray	29	K	K	2	1	Gray	2	1	1	1	1	1	1
3	3 AWG	White	29	K	K	2	1	Gray	2	1	1	1	1	1	1
2	2 AWG	Brown	33	H	H	2	2	Brown	2	1	1	1	1	1	1
1	1 AWG	Green	37	H	H	2	2	Green	2	1	1	1	1	1	1
1/0	1/0 AWG	Pink	42	E	A	2	2	Pink	4	1	1	1	1	1	1
2/0	2/0 AWG	Black	45	E	A	3	2			1	1	1	1	1	1
3/0	3/0 AWG	Orange	50	A	C	3	2			2	1	1	1	1	1
4/0	4/0 AWG	Purple	54	A	B	3	2			2	1	1	1	1	1
250	250kcmil	Yellow	62	A	A	3	2			2	1	1	1	1	1
300	300kcmil	White	66							2	2	1	1	2	2
350	350kcmil	Red	71							2	2	1	1	2	2
400	400kcmil	Blue	76							2	2	1	1	2	2
500	500kcmil	Brown	87							2	2	1	1	2	2
600	600kcmil	Green	94							2	2	1	1	2	2
700	700kcmil	Pink	99							3	2	1	1	2	2
750	750kcmil	Black	106							3	2	1	1	2	2
1000	1000kcmil	White	125								2	1	1	2	

RANGE TAKING

Lug Size	Standard Wire Size	Expanded Wire Size	No. Crimps for ILSCO IDT-12, IDT-12-N and Burndy Y644M, PAT644	No. Crimps for ILSCO IDTB-6, IDT-6 and IDT-6H
4	4 AWG	4 - 6 AWG		1
3	3 AWG	3 - 6 AWG	1	1
2	2 AWG	2 - 6 AWG	1	1
1	1 AWG	1 - 6 AWG	1	1
1/0	1/0 AWG	1/0 - 6 AWG	1	1
2/0	2/0 AWG	2/0 - 4 AWG	1	1
3/0	3/0 AWG	3/0 - 2 AWG	1	2
4/0	4/0 AWG	4/0 - 1 AWG	1	2
250	250kcmil	250kcmil - 1/0 AWG	1	2
300	300kcmil	300kcmil - 2/0 AWG	1	2
350	350kcmil	350kcmil - 3/0 AWG	1	2
400	400kcmil	400kcmil - 4/0 AWG	1	2
500	500kcmil	500kcmil - 250kcmil	1	2
600	600kcmil	600kcmil - 250kcmil	1	2
700	700kcmil	700kcmil - 350kcmil	1	3
750	750kcmil	750kcmil - 500kcmil	1	3
1000	1000kcmil	1000kcmil - 750kcmil	1	

UL Listed and CSA Certified when installed with tools and dies shown above

- Connectors are marked with color, die numbers and required number of crimps for ILSCO hydraulic tools. When using other listed tools, consult chart for crimps required. Crimps should be evenly spaced on connector.
- The ILSCO 94285, MT-25 and all dieless tools are not color coded or do not contain the die index.
- Strip Length = Barrel Length + 1/16 Inch
- For long barrel connectors double the amount of crimps indicated on chart except for 1000kcmil add only one additional crimp.

ILSCO TOOLS - Tooling Information

WARNING! Do Not Use with Aluminum Wire

Hydraulic Tools

Lug Size	Class B/C Wire Size	Color Code	Die Index	Manual Hand Tools						Hydraulic Tools				
				94285			MT-25	ILC-10-N		IDT-6, IDT-6H 6.2 Ton Dieless, IDTB-6 6.2 Ton Dieless Battery	ILC-12-N, ILC-12H-N, ILC-12, ILC-12H, ILC-14, ILC-14H 12 Ton, ILCB-12-N, ILCB-12 12 Ton Battery	IDT-12-N 15 Ton Dieless	IDT-12, IDT-12H, IDTB-12 11 Ton Dieless	ILC-15H 15 Ton, ILC-30H 30 Ton
				Left Die	Right Die	Crimps	Crimps	Index	Crimps					
8	8 AWG	Red	21	M	K	2	1	Red	1		1			1
6	6 AWG	Blue	24	K	K	2	1	Blue	2	1	1		1	1
4	4 AWG	Gray	29	K	K	2	1	Gray	2	1	1		1	1
3	3 AWG	White	29	K	K	2	1	Gray	2	1	1	1	1	1
2	2 AWG	Brown	33	H	H	2	2	Brown	2	1	1	1	1	1
1	1 AWG	Green	37	H	H	2	2	Green	2	1	1	1	1	1
1/0	1/0 AWG	Pink	42	E	A	2	2	Pink	4	1	1	1	1	1
2/0	2/0 AWG	Black	45	E	A	3	2			1	1	1	1	1
3/0	3/0 AWG	Orange	50	A	C	3	2			2	1	1	1	1
4/0	4/0 AWG	Purple	54	A	B	3	2			2	1	1	1	1
250	250kcmil	Yellow	62	A	A	3	2			2	1	1	1	1
300	300kcmil	White	66							2	2	1	1	2
350	350kcmil	Red	71							2	2	1	1	2
400	400kcmil	Blue	76							2	2	1	1	2
500	500kcmil	Brown	87							2	2	1	1	2
600	600kcmil	Green	94							2	2	1	1	2
700	700kcmil	Pink	99							3	2	1	1	2
750	750kcmil	Black	106							3	2	1	1	2
1000	1000kcmil	White	125								2	1	1	2

UL Listed and CSA Certified when installed with tools and dies shown above

- a) Number of crimps shown on chart must be on each end of the CT splicer connectors.
- b) The CT connectors are marked with color, the die numbers and required number of crimps for ILSCO hydraulic tools. When using other listed tools, consult chart for crimps required. Crimps should be evenly spaced on connector.
- c) The ILSCO 94285, MT-25 and all dieless tools are not color coded or do not contain the die index.
- d) For long barrel (CTL) connectors add one additional crimp to each side of barrel.



ILSCO TOOLS - Tooling Information

WARNING! Do Not Use with Aluminum Wire

Hydraulic Tools

Lug Size	Fine Strand Wire Size	Approved Wire Classes	Color Code	Die Index	Manual Hand Tools					Hydraulic Tools					
					94285			ILC-10-N		IDT-6, IDT-6H 6.2 Ton Dieless, IDTB-6 6.2 Ton Dieless Battery	ILC-12-N, ILC-12H-N, ILC-12, ILC-12H, ILC-14, ILC-14H 12 Ton, ILCB-12-N, ILCB-12 12 Ton Battery	IDT-12-N 15 Ton Dieless	IDT-12H, IDTB-12 11 Ton Dieless	ILC-15H 15 Ton, ILC-30H 30 Ton	ILC-750
					Left Die	Right Die	Crimps	Index	Crimps						
8	8	G,H,I,K,M,DLO	Red	21				Red	1		1			1	1
4	6	G,H,I,K,M,DLO	Gray	29				Blue	2		1			1	1
3	4	G,H,I,K,M,DLO	White	29	K	K	2	Gray	2	1	1	1	1	1	1
1	2	G,H,I,K,M,DLO	Green	37	H	H	2	Green	2	1	1	1	1	1	1
1/0	1	G,H,I,K,M,DLO	Pink	42	H	H	2	Pink	4	1	1	1	1	1	1
2/0	1/0	G,H,I,K,M,DLO	Black	45	E	A	3			1	1	1	1	1	1
3/0	2/0	G,H,I,K,M,DLO	Orange	50	E	A	3			1	1	1	1	1	1
4/0	3/0	G,H,I,K,M,DLO	Purple	54	A	B	3			1	1	1	1	1	1
250	4/0	G,H,I,K,M,DLO	Yellow	62	A	B	3			1	1	1	1	1	1
300	250	G,H	White	66						1	2	1	1	2	2
350	250	I,K,M	Red	71						1	2	1	1	2	2
350	262	DLO	Red	71						1	2	1	1	2	2
400	300	G,H,I,K,M	Blue	76						2	2	1	1	2	2
400	313	DLO	Blue	76						2	2	1	1	2	2
500	350	G,H,I,K,M	Brown	87						2	2	1	1	2	2
500	373	DLO	Brown	87						2	2	1	1	2	2
600	400	G,H,I,K,M	Green	94						2	2	1	1	2	2
600	444	DLO	Green	94						2	2	1	1	2	2
700	500	G,H,I,K,M	Pink	99						3	2	1	1	2	2
700	535	DLO	Pink	99						3	2	1	1	2	2
750	600	G,H,I,M	Black	106						3	2	1	1	2	2
750	646	DLO	Black	106						3	2	1	1	2	2
1000	750	G,H,I	White	125							3	1	1	3	
1000	777	DLO	White	125							3	1	1	3	

UL Listed and CSA Certified when installed with tools and dies shown above

- a) Connectors are marked with color, die numbers and required number of crimps for ILSCO hydraulic tools. When using other listed tools, consult chart for crimps required. Crimps should be evenly spaced on connector.
- b) The ILSCO 94285, MT-25 and all dieless tools are not color coded or do not contain the die index.
- c) Strip Length = Barrel Length + 1/16 Inch
- d) For long barrel connectors double the amount of crimps indicated on chart except for 1000kcmil add only one additional crimp.



ILSCO TOOLS - Tooling Information

WARNING! Do Not Use with Aluminum Wire

Hydraulic Tools

Lug Size	Fine Strand Wire Size	Approved Wire Classes	Color Code	Die Index	Manual Hand Tools					Hydraulic Tools				
					94285			ILC-10-N		IDT-6, IDT-6H 6.2 Ton Dieless, IDTB-6 6.2 Ton Dieless Battery	ILC-12-N, ILC-12H-N, ILC-12, ILC-12H, ILC-14, ILC-14H 12 Ton, ILCB-12-N, ILCB-12 12 Ton Battery	IDT-12-N 15 Ton Dieless	IDT-12, IDT-12H, IDTB-12 11 Ton Dieless	ILC-15H 15 Ton, ILC-30H 30 Ton
					Left Die	Right Die	Crimps	Index	Crimps					
8	8	G,H,I,K,M,DLO	Red	21	M	K	2	Red	1		1			1
4	6	G,H,I,K,M,DLO	Gray	29	K	K	2	Blue	2		1			1
3	4	G,H,I,K,M,DLO	White	29	K	K	2	Gray	2	1	1	1	1	1
1	2	G,H,I,K,M,DLO	Green	37	H	H	2	Green	2	1	1	1	1	1
1/0	1	G,H,I,K,M,DLO	Pink	42	H	H	2	Pink	4	1	1	1	1	1
2/0	1/0	G,H,I,K,M,DLO	Black	45	E	A	3			1	1	1	1	1
3/0	2/0	G,H,I,K,M,DLO	Orange	50	E	A	3			2	1	1	1	1
4/0	3/0	G,H,I,K,M,DLO	Purple	54	A	B	3			2	1	1	1	1
250	4/0	G,H,I,K,M,DLO	Yellow	62	A	B	3			2	1	1	1	1
300	250	G,H	White	66						2	2	1	1	2
350	250	I,K,M	Red	71						2	2	1	1	2
350	262	DLO	Red	71						2	2	1	1	2
400	300	G,H,I,K,M	Blue	76						2	2	1	1	2
400	313	DLO	Blue	76						2	2	1	1	2
500	350	G,H,I,K,M	Brown	87						2	2	1	1	2
500	373	DLO	Brown	87						2	2	1	1	2
600	400	G,H,I,K,M	Green	94						2	2	1	1	2
600	444	DLO	Green	94						2	2	1	1	2
700	500	G,H,I,K,M	Pink	99						3	3	1	1	3
700	535	DLO	Pink	99						3	3	1	1	3
750	600	G,H,I,M	Black	106						3	3	1	1	3
750	646	DLO	Black	106						3	3	1	1	3
1000	750	G,H,I	White	125							3	1	1	3
1000	777	DLO	White	125							3	1	1	3

UL Listed and CSA Certified when installed with tools and dies shown above

- a) Number of crimps shown on chart must be on each end of the CT splicer connectors.
- b) The CT connectors are marked with color, the die numbers and required number of crimps for ILSCO hydraulic tools. When using other listed tools, consult chart for crimps required. Crimps should be evenly spaced on connector.
- c) The ILSCO 94285, MT-25 and all dieless tools are not color coded or do not contain the die index.
- d) For long barrel (CTL) connectors add one additional crimp to each side of barrel.



COMPETITOR'S TOOLS - Tooling Information

WARNING! Do Not Use with Aluminum Wire

Lug Size	Class B/C Wire Size	Anderson		Burdly							T&B				Greenlee						
		VC6-FT, VC6-FTR, VC6-FT-BP, VC7-FT, VC7-FTR Dieless		Y1MR, Y1MRTC		PAT81KFT, Y81KFT, Y81KFTMBH Dieless		‡ Y644M, PAT644 Dieless	Y35, Y35BH, Y39, Y750, Y750BH, PAT750		Y46, Y46C Requires Die Adaptor		TBM25S		13100A, TBM14M, TBM14BSCR		K111		HK06FT, RK06FT, EK06FT Dieless		1990 Dieless
		Crimps	Index	Crimps	Crimps	Crimps	Die Part	Crimps	Die Part	Crimps	Index	Crimps	Die Part	Crimps	Index	Crimps	Crimps	Crimps			
8	8 AWG	1	Red	1	1		U8CRT	1	U8CRT	1	Red	1	15520	1	Red	1					
6	6 AWG	1	Blue	1	1		U5CRT	1	U5CRT	1	Blue	1	15522	1	Blue	2	1				
4	4 AWG	1	Gray	2	1	1	U4CRT	1	U4CRT	1	Gray	2	15527-CK	1	Gray	2	1	1			
3	3 AWG	1	White	2	1	1	U3CRT	1	U3CRT	1					Gray	2	1	1			
2	2 AWG	1	Brown	2	1	1	U2CRT	1	U2CRT	1	Brown	2	15528	1	Brown	2	1	1			
1	1 AWG	1			1	1	U1CRT-1	1	U1CRT-1	1			15513-CK	1	Green	2	1	1			
1/0	1/0 AWG	1			1	1	U25RT	1	U25RT	1			15508	1	Pink	4	1	1			
2/0	2/0 AWG	1			1	1	U26RT	1	U26RT	1			15526	1			1	1			
3/0	3/0 AWG	1			1	1	U27RT	1	U27RT	1			15530	1			2	1			
4/0	4/0 AWG	1			1	1	U28RT	1	U28RT	1			15511	1			2	1			
250	250kcmil	2			2	1	U29RT	1	U29RT	1			15510-CK	1			2	1			
300	300kcmil	2			2	1	U30RT	2	U30RT	2			15534	2			2	1			
350	350kcmil	3*			2	1	U31RT	2	U31RT	2			15514-CK	2			2	1			
400	400kcmil	3*			2	1	U32RT	2	U32RT	2			15512	2			2	1			
500	500kcmil	3*			2	1	U34RT	2	U34RT	2			15506	2			2	1			
600	600kcmil	4*			2	1	U36RT	2	U36RT	2			15536-CK	2			2	1			
700	700kcmil	4*			3	1	U38RT	2	U38RT	2			15505	2			3	1			
750	750kcmil	4*			3	1	U39RT	2	U39RT	2			15515-CK	2			3	1			
1000	1000kcmil				3	1			P44RT	3			15504	2				1			

Dieless* - Crimps will overlap

UL Listed and CSA Certified when installed with tools and dies shown above

- Connectors are marked with color, die numbers and required number of crimps for ILSCO hydraulic tools. When using other listed tools, consult chart for crimps required. Crimps should be evenly spaced on connector.
- The ILSCO 94285, MT-25 and all dieless tools are not color coded or do not contain the die index.
- Consult manufacturers data for catalog numbers of dies for each tool.
- Strip Length = Barrel Length + 1/16 Inch
- For long barrel connectors double the amount of crimps indicated on chart except for 1000kcmil add only one additional crimp.

‡ Allows expanded wire range to be used.

COMPETITOR'S TOOLS - Tooling Information

WARNING! Do Not Use with Aluminum Wire

Lug Size	Fine Strand Wire Size	Approved Wire Classes	Anderson		Burdny						T&B				Greenlee							
			VC6-FT, VC6-FTR, VC6-FT-BP, VC7-FT, VC7-FTR Dieless		Y1MR, Y1MRTC		PAT81KFT, Y81KFT, Y81KFTMBH Dieless		‡ Y644M, PAT644 Dieless	Y35, Y35BH, Y39, Y750, Y750BH, PAT750		Y46, Y46C Requires Die Adaptor		TBM25S		13100A, TBM14M, TBM14BSCR		K111		HK06FT, RK06FT, EK06FT Dieless		1990 Dieless
			Crimps	Index	Crimps	Crimps	Crimps	Die Part	Crimps	Die Part	Crimps	Index	Crimps	Die Part	Crimps	Index	Crimps	Crimps	Crimps	Crimps		
8	8	G,H,I,K,M,DLO	1	Red	1	1		U8CRT	1	U8CRT	1	Red	1	15520	1	Red	1					
4	6	G,H,I,K,M,DLO	1	Blue	2	1		U5CRT	1	U5CRT	1	Blue	2	15522	1	Blue	2					
3	4	G,H,I,K,M,DLO	1	Gray	2	1	1	U4CRT	1	U4CRT	1	Gray	2	15528	1	Gray	2	1	1			
1	2	G,H,I,K,M,DLO	1	Brown	2	1	1	U2CRT	1	U2CRT	1	Brown	3	15513-CK	1	Green	2	1	1			
1/0	1	G,H,I,K,M,DLO	1			1	1	U1CRT-1	1	U1CRT-1	1			15508	1	Pink	4	1	1			
2/0	1/0	G,H,I,K,M,DLO	1			1	1	U25RT	1	U25RT	1			15526	1			1	1			
3/0	2/0	G,H,I,K,M,DLO	2			2	1	U26RT	1	U26RT	1			15530	1			1	1			
4/0	3/0	G,H,I,K,M,DLO	2			2	1	U27RT	1	U27RT	1			15511	1			1	1			
250	4/0	G,H,I,K,M,DLO	2			2	1	U28RT	1	U28RT	1			15510-CK	2			1	1			
300	250	G,H	2			2	1	U29RT	2	U29RT	2			15534	2			1	1			
350	250	I,K,M	3*			2	1	U30RT	2	U30RT	2				2			1	1			
350	262	DLO	3*			2	1		2		2				2			1	1			
400	300	G,H,I,K,M	3*			2	1	U31RT	2	U31RT	2			15514-CK	2			2	1			
400	313	DLO	3*			2	1		2		2				2			2	1			
500	350	G,H,I,K,M	3*			2	1	U32RT	2	U32RT	2			15512	2			2	1			
500	373	DLO	3*			2	1		2		2			15517	2			2	1			
600	400	G,H,I,K,M	4*			2	1	U34RT	2	U34RT	2			15536-CK	2			2	1			
600	444	DLO	4*			2	1		2		2				2			2	1			
700	500	G,H,I,K,M	4*			3	1	U38XRT	2	U38XRT	2			15505	2			3	1			
700	535	DLO	4*			3	1		2		2				2			3	1			
750	600	G,H,I,M	4*			3	1	U39RT	2	U39RT	2			15515-CK	2			3	1			
750	646	DLO	4*			3	1		2		2				2			3	1			
1000	750	G,H,I				3	1			U44XRT	3			15504	3				1			
1000	777	DLO				3	1				3				3				1			

Dieless* - Crimps will overlap

UL Listed and CSA Certified when installed with tools and dies shown above

- Connectors are marked with color, die numbers and required number of crimps for ILSCO hydraulic tools. When using other listed tools, consult chart for crimps required. Crimps should be evenly spaced on connector.
- The ILSCO 94285, MT-25 and all dieless tools are not color coded or do not contain the die index.
- Strip Length = Barrel Length + 1/16 Inch
- For long barrel connectors double the amount of crimps indicated on chart except for 1000kcmil add only one additional crimp.

‡ Allows expanded wire range to be used.



UTILCO Tool Accessories



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6

Catalog Number	Figure Number	Description
TOOL-STAND	1	Battery Tool Stand
ILD-DIE-CASE	2	Crimping die carrying case (dies not included)
IDT-6-TON-TEST-KIT	3	10 Test slugs and gauge
IDT-12-TON-TEST-KIT	3	30 Test slugs and gauge
CUTTER-DIES	4	Guy wire cutting dies
CAR-CHARGER(12v)	5	Car charger for battery tools
AC-ADAPTOR(120v)	6	AC adaptor for battery tools
AC-ADAPTOR(230v)	6	AC adaptor for battery tools

LOCK



212

SQGD



213

UDEO



SIL



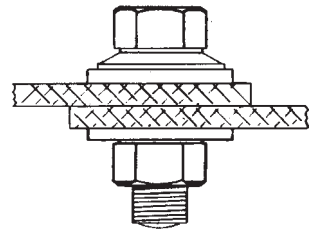
214

DS



215

NBW



216

HSHW



217

HSEC



218

HSGN



219

UTILCO Disposable Enclosure Locks

TYPE LOCK

Features

- Shear head screws

Benefits

- Provides safety and tamper resistance



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6

Catalog Number	Figure Number	Ring I.D.	Length	Alumoweld Gauge
PEL-1	2	1	N/A	6
PEL-1A	1	1	N/A	6
PEL-2	2	2	N/A	6
PEL-1B	3	N/A	2"	4
PEL-1B3	6	N/A	3"	4
PEL-1C	4	N/A	2"	4
PEL-1SP	5	N/A	2-1/4"	4
PEL-1C3	3	N/A	3"	4
PEL-1SP6	5	N/A	3"	6
PEL-2A	1	2	N/A	6

UTILCO Squirrel/Bird Guard

TYPE SQGD

Features

- Made from gray plastisol and is 125 mils. thick, Plastisol has dielectric strength of 240 volts per mil.

Benefits

- Provides strong durable protection



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5

Catalog Number	Figure Number	Height	Width
R6977	1	11	3-1/4
R6999	2	24	3-3/4
R7000	4	12	3-1/4
R7001	5	16	3-3/4
R7033	3	11	3
R6977-NOHOLES	1	11	3-1/4

UTILCO Oxide Inhibitor/Silicon



TYPE UDEO

Features

- Provides air tight seal around conductor
- Available in a variety of packages
- Mineral oil base
- Broad working temperature range
- Conductor versatile

Benefits

- Prevents oxides from forming
- Provides convenience of selecting the right size for the job
- Green color, easy to clean
- May be used from -30° F to 200° F
- May be used on copper or aluminum conductors



Catalog Number	Container Size and Type	Packaging
UDE-OX-4OZ	4 oz. Bottle	Display carton of 12
UDE-OX-8OZ	8 oz. Bottle	Display carton of 12
DE-OX-1GAL	1 Gallon Can	1 Can
UDE-OX-V-4OZ*+	4 oz. Bottle	Display carton of 12
UDE-OX-V-8OZ*+	8 oz. Bottle	Display carton of 12

* V denotes synthetic base, chalk color, doesn't stain blankets, etc.

+ Not UL Listed

TYPE SIL

Features

- Pure silicon lubricant
- Handy applicator tube

Benefits

- Eases wire insertion into rubber insulated products
- Convenient way to apply



Catalog Number	Container Size and Type
R6983-SILICON	5cc Tube

Note: Apply to wire insulation only, Do not apply to caps

M

UTILCO Duct Seal

TYPE DS

Features

- Available in 1 LB and 5 LB packages
- Remains pliable
- Non-corrosive
- Can be painted immediately

Benefits

- Provides convenience of selecting the right size for the job
- Will not dry out, crack and fall out of installation
- Will not irritate skin, or corrode metals, or have harmful effects on plastics
- No need to wait for product to dry



Catalog Number

DS-1

DS-5

Packaging

10 1 lb. bags

5 5 lb. bags

UTILCO Mounting Hardware

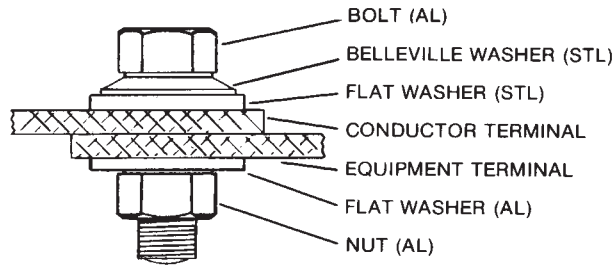
TYPE NBW

Features

- Individually packaged
- Aluminum nut and bolt
- Belleville washer

Benefits

- All components for mounting one connector are kept together to avoid mismatched hardware
- Provides consistent and even thermal expansion and contraction to prevent loosening of mounting hardware due to heat cycling
- Maintains tension on connection through thermal expansion and contraction



Catalog Number	Bolt Size	Bolt Length	Included In Kit
NBW-38-125	3/8-16	1-1/4	Aluminum Nut, Stainless Steel Belleville Washer, Aluminum Flat Washer, Stainless Steel Flat Washer, Aluminum Bolt
NBW-50-150	1/2-13	1-1/2	Aluminum Nut, Stainless Steel Belleville Washer, Aluminum Flat Washer, Stainless Steel Flat Washer, Aluminum Bolt
NBW-50-200	1/2-13	2	Aluminum Nut, Stainless Steel Belleville Washer, Aluminum Flat Washer, Stainless Steel Flat Washer, Aluminum Bolt
NBW-50-250	1/2-13	2-1/2	Aluminum Nut, Stainless Steel Belleville Washer, Aluminum Flat Washer, Stainless Steel Flat Washer, Aluminum Bolt
NBW-58-250	5/8-11	2-1/2	Aluminum Nut, Stainless Steel Belleville Washer, Aluminum Flat Washer, Stainless Steel Flat Washer, Aluminum Bolt
NBW-58-300	5/8-11	3	Aluminum Nut, Stainless Steel Belleville Washer, Aluminum Flat Washer, Stainless Steel Flat Washer, Aluminum Bolt

UTILCO Heavy Wall Heat Shrink



TYPE HSHW

Features

- 3:1 shrink ratio
- UL Listed 486D and CSA Certified for 600 volts
- Inner adhesive liner
- Flame retardant
- 24999-B12 contains 3 ea. 24005, 24006, 24008, 24009

Benefits

- Provides a wide range of coverage when used on connectors and cable
- Ensures reliability for insulating terminations and splices
- Melts to form intimate contact with part to seal out elements and produce a watertight seal suitable for above ground, direct burial and underwater applications
- Meets Mil Spec 23053/15 rigid requirements for flame retardancy



Catalog Number	Wire Size	Quantity Per Package	Exp. Id.	Rec. Id.	Recovered Wall Thickness	Length
21106-B3*	6-14	3	0.400	0.150	0.060	6"
21112-B3*	6-14	3	0.400	0.150	0.060	12"
21206-B3	1-8	3	0.750	0.220	0.090	6"
21209-B3	1-8	3	0.750	0.220	0.090	9"
21212-B3	1-8	3	0.750	0.220	0.090	12"
21230	1-8	-	0.750	0.220	0.090	30"
21406-B2	4/0-2	2	1.100	0.375	0.120	6"
21409-B2	4/0-2	2	1.100	0.375	0.120	9"
21412-B2	4/0-2	2	1.100	0.375	0.120	12"
21448	4/0-2	-	1.100	0.375	0.120	48"
21609-B2	400kcmil-4/0	2	1.500	0.500	0.140	9"
21612-B2	400kcmil-4/0	2	1.500	0.500	0.140	12"
21648	400kcmil-4/0	-	1.500	0.500	0.140	48"
21709-B	1000kcmil-500kcmil	1	2.000	0.750	0.155	9"
21712-B	1000kcmil-500kcmil	1	2.000	0.750	0.155	12"
21748	1000kcmil-500kcmil	-	2.000	0.750	0.155	48"

*UL Listed wire range 12 - 6.

UL File E158587

TYPE HSEC

Features

- 3:1 shrink ratio
- Inner adhesive liner
- Rated for 600 volts

Benefits

- Provides a wide range of coverage when used on connectors and cable
- Melts to form intimate contact with part to seal out elements and produce a watertight seal suitable for above ground, direct burial and underwater applications



Catalog Number	Wire Size	Quantity Per Package	Exp. Id.	Rec. Id.	Recovered Wall Thickness	Length
23081-B2	4/0-8	2	.75	0.22	.08	3.5"
23125-B2	500kcmil-4/0	2	1.30	0.43	.08	4.5"
23210-B2	1750kcmil-4/0	2	2.05	0.75	.08	4.5"

UTILCO Heat Shrink Gun

TYPE HSGN

Features

- Two temperature settings 750F and 1100F
- Three way switch OFF/HI/LO
- Built-in fold down stand
- 1200 Watt 120 V AC
- Heat deflector
- Impact resistant
- Six foot cord

Benefits

- Provides versatility in applying recommended heat, deliverable in seconds
- Aids in producing proper air flow from heat gun
- Provides hands free operation
- Provides high output of air and heat
- Allows for concentration of heat for rapid heat shrink process
- Provides extra durability in harsh environments
- Provides operator convenience



Catalog Number	Description
27001	Heat Gun, 11 Disks Thin Wall Heat Shrink
94502	Electric Heat Gun 120v
94504	Replacement Adaptor for 94502

USBC



221

UMPC-15



222

LK, RL



223

RCOV



224

PACC, PSAC



225

PCOV



226

PSSB



227

OCOV, SCOV



228

TYPE USBC

Features

- Cover has dielectric strength of 240 volts per mil - no taping required
- Clear cover
- Versatile

Benefits

- No taping required, reliable insulation
- Inspectable
- Can be used on left or right hand bars



Catalog Number	Dimensions		
	L	H	W
USBC-1	4.00	4.68	3.50
USBC-2	5.25	4.68	3.50

UTILCO Multi-Purpose Cover

TYPE UMPC-15

Features

- Universal multi-purpose plastisol cover for secondary side only. For padmount transformer terminals
- Designed to insulate most porcelain bushings and attached compression lugs
- Cover has dielectric strength of 240 volts per mil
- Snap lock buttons provided

Benefits

- Flexibility in the field
- Provides the needed protection in confined spaces in the secondary compartment
- Ensures reliability
- No taping required



Catalog Number	Dimensions			For use on
	L	H	W	
UMPC-15	15	10	2	spades with compression connectors
UMPC-15OR*	15	10	2	spades with compression connectors

* Orange

UTILCO Plastisol Insulating Covers For USG2 Series

TYPE
LK
RL

Features

- Cover has dielectric strength of 240 volts per mil
- Cover rated at 105 degrees C

Benefits

- No taping required, reliable insulation
- Can withstand high temperature

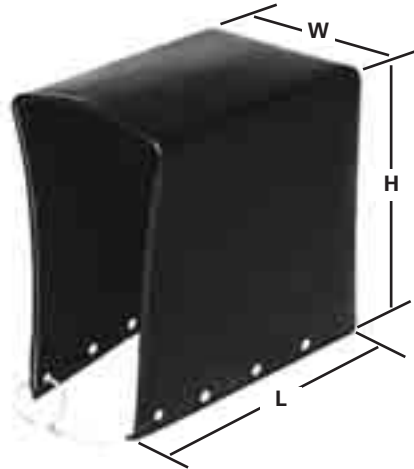


Fig. 1



Fig. 2

Catalog Number	Figure Number	Dimensions			For Connector
		L	H	W	
LK	1	7	7-1/2	3	USG2-350-4, USG2-500-4, USG2-750-4, USG2-1000-4 USG2-350-6, USG2-500-6, USG2-1000-6
LK-XL	1	11	7-1/2	3	USG2-350-8, USG2-500-8, USG2-750-6, USG2-750-8, USG2-1000-8
RL	1	7	7-1/2	5	USG2-350-4, USG2-500-4, USG2-750-4, USG2-1000-4 USG2-350-6, USG2-500-6, USG2-750-6, USG2-1000-6
RL-XL	1	11	7-1/2	5	USG2-350-8, USG2-500-8, USG2-750-8, USG2-1000-8
SB-22	2	4-1/4	11-15/16	5	USGL Series
SB-220R*	2	4-1/4	11-15/16	5	USGL Series
SB-44	2	8	11-15/16	5	USGL Series
SB-440R*	2	8	11-15/16	5	USGL Series
SB-66	2	12	11-15/16	5	USGL Series
SB-660R*	2	12	11-15/16	5	USGL Series
SB-88	2	24	11-15/16	5	USGL Series
SB-880R*	2	24	11-15/16	5	USGL Series

* Orange cover design

TYPE RCOV

Features

- Cover has dielectric strength of 240 volts per mil
- Cover rated at 105 degrees C

Benefits

- No taping required, reliable insulation
- Can withstand high temperature

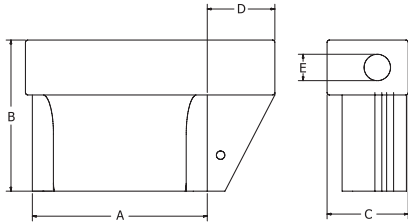


Fig. 1



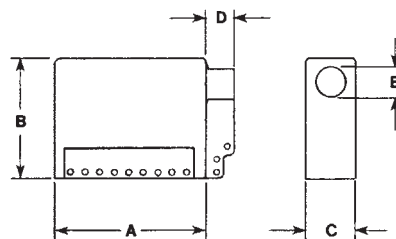
Fig. 2

Catalog Number	Figure Number	Dimensions			For Connector
		L	H	W	
R6876	1	4-1/4	4-1/4	1-1/2	PTF2-250, PTF2-350
R6875	1	6-1/8	3-15/16	1-3/4	PTF3-350, PTF4-350
R6830	1	8	3-15/16	1-3/4	PTF5-350, PTF6-350
R6829	1	9-1/2	3-3/4	1-3/4	PTF8-350
R6260	1	6-7/8	4-1/4	2-1/4	PTF3-500, PTF4-500
R6265	1	9-1/4	4-1/2	2-1/4	PTF5-500, PTF6-500
R6831	1	11-1/2	4-1/4	2-3/8	PTF8-500

Clear covers consult factory

Catalog Number	Figure Number	A	B	C	D	E
R7047	2	14	11.5	4.25	2	3
R7048	2	9	11.5	4.25	2	3

Clear covers consult factory



UTILCO Plastisol Insulating Covers

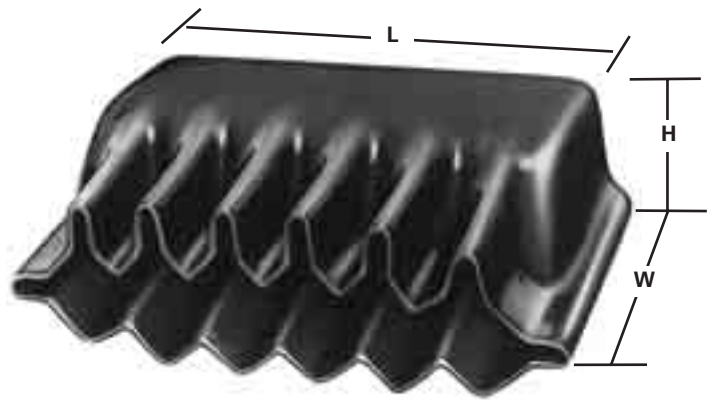
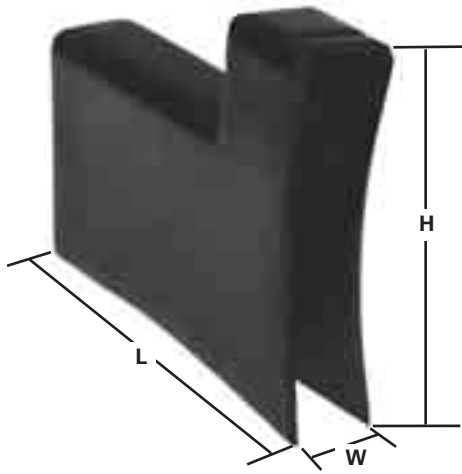
TYPE
PACC
PSAC

Features

- Cover has dielectric strength of 240 volts per mil, nominal thickness of 125 mil

Benefits

- No taping required, reliable insulation



Catalog Number	Dimensions		
	L	H	W
B-6350CVR	9	6-1/2	1-3/4
B-8350CVR	11	6-1/2	1-3/4
R6285-4	6-31/32	6-3/4	2-3/4
R6285-6	10-23/64	6-3/4	2-3/4
R6285-8	13-47/64	6-3/4	2-3/4

UTILCO Plastisol Insulating Covers

TYPE PCOV

Features

- Cover has dielectric strength of 240 volts per mil
- Cover rated at 105 degrees C

Benefits

- No taping required, reliable insulation
- Can withstand high temperature



Fig. 1



Fig. 2

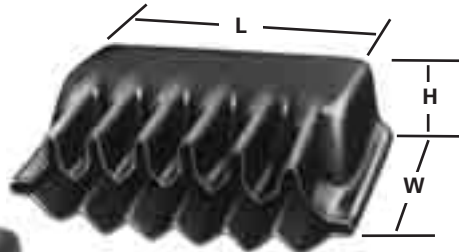


Fig. 3



Catalog Number	Figure Number	Dimensions		
		L	H	W
CAA	3	5-9/16	1-11/16	3-3/4
CCC	3	6-3/8	3-5/8	1-3/4
CEE	3	4-5/8	1-5/8	3-1/2
CFF	3	3-3/4	2-5/8	3-1/4
CGG	3	1-11/16	2	1-5/16
CJJ	3	6-3/8	1-3/4	3-5/8
CKK	3	3-9/16	2-7/8	3-1/2
CKM	2	3-1/8	3-1/8	4-1/2
CLL	3	7-3/4	1-7/8	3-5/8
CMA	2	5	5	4-9/16
CMA-2	2	5	5	4-9/16
CMB	1	5-1/2	3-1/4	8-1/4
CML	2	5	3	4-15/16
CMM	2	3-1/8	3-13/16	3-3/4
CNN	3	9-1/2	1-7/8	3-5/8
SNN	1	10	1-7/8	3-5/8
CSS	3	11-5/8	2-13/16	6-5/8
R6991	1	6	2	5-1/8
SCC	1	6	2	5
SLL	1	7	1-7/8	5-3/8
V V-BLACK	1	7-1/4	1-13/16	6-3/8

Add -Clear for clear cover on any of the above catalog numbers

UTILCO Plastisol Insulating Covers

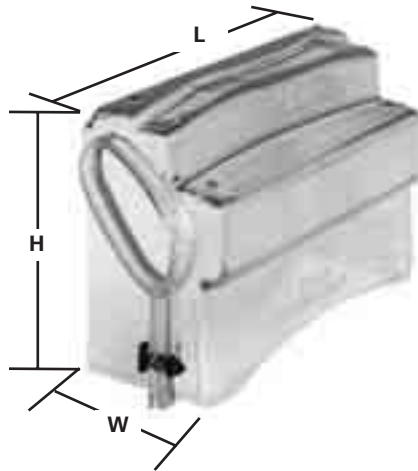
TYPE PSSB

Features

- Cover has dielectric strength of 240 volts per mil
- Cover rated at 105 degrees C

Benefits

- No taping required, reliable insulation
- Can withstand high temperature



Catalog Number	Dimensions		
	L	W	H
PSSB-1	5-1/8	4-9/16	3-5/32
PSSB-2	6-1/8	4-9/16	3-5/32
PSSB-3	7-1/8	4-9/16	3-5/32
PSSB-4	8-23/32	4-9/16	3-5/32
PSSB-2R*	6-1/8	4-9/16	3-5/32
PSSB-3R*	7-1/8	4-9/16	3-5/32
PDSB-12	8-1/8	4-9/16	3-5/32

* R is for right hand cover

UTILCO Plastisol Insulating Covers

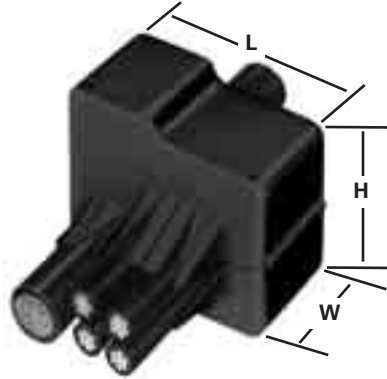
TYPE OCOV

Features

- Cover has dielectric strength of 240 volts per mil
- Cover rated at 105 degrees C

Benefits

- No taping required, reliable insulation
- Can withstand high temperature



Catalog Number	Dimensions		
	L	W	H
R0101	2-29/32	3-3/8	2-41/64

Insulating Cover for Street Lighting Connector

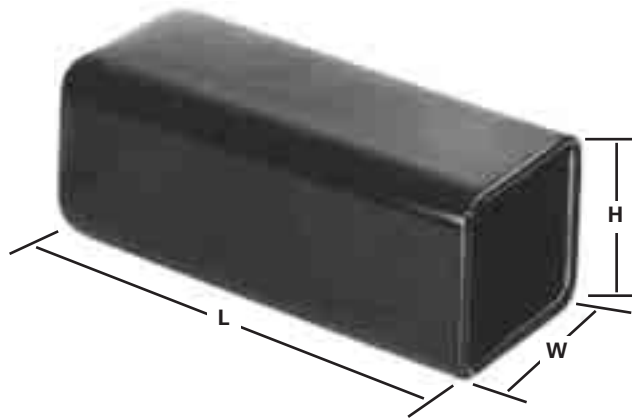
TYPE SCOV

Features

- Plastisol cover
- Cover has dielectric strength of 325 volts per mil

Benefits

- No taping required
- Reliable insulation



Catalog Number	For Connector	Dimensions		
		L	H	W
R6131	SLC4-0	4	1-9/16	1-9/32

Power Distribution Blocks

LDA/LDB

Snap Bloc®

PDA/PDC



230

231



PDB



232-234

PDB

PDB

PDB



235



236



237

0

TYPE LDA LDB

Features

- Modular design
- Easy to assemble
- UL listed 90° C 600 Volts and is CSA Certified
- Electro-tin plated 6061-T6 aluminum alloy
- Clear cover
- Multiple conductor capability
- Meets or exceeds ANSI C119.4 Class A specifications

Benefits

- Simplifies stocking. Combines any number of blocks with multiple conductor ranges into the specific configuration required for the job.
- Unique locking feature allows individual blocks to be combined quickly without special tools
- Ensures reliability
- Suitable for use with both copper and aluminum conductors in any combination
- Permits visual inspection
- Individual blocks supplied in a variety of configurations with one or two main cable ports and four, six, or twelve taps. All are range taking.
- Industry standard



Fig. 1

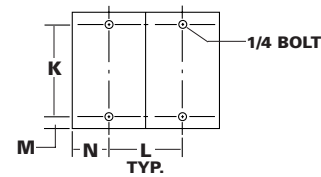
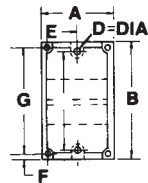
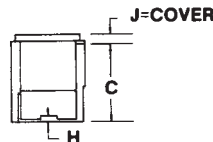


Fig. 2

Catalog Number	Figure Number	Connector		Primary			Secondary			Ampere
		Primary	Secondary	Wire Range	Openings Per Pole	Hex Size	Wire Range	Openings Per Pole	Hex Size	Rating Per Pole
LDB-112-350	1			350kcmil-6	1	3/8	4-14	12	Slot	310
LDA-112-350	2			350kcmil-6	1	3/8	4-14	12	Slot	310
LDB-112A-350	1			350kcmil-6	1	3/8	4-14	12	Slot	310
LDA-112A-350	2			350kcmil-6	1	3/8	4-14	12	Slot	310
LDB-16-350	1			350kcmil-6	1	3/8	2/0-14	6	3/16	310
LDA-16-350	2			350kcmil-6	1	3/8	2/0-14	6	3/16	310
LDB-16-500	1			500kcmil-4	1	3/8	2/0-14	6	3/16	380
LDA-16-500	2			500kcmil-4	1	3/8	2/0-14	6	3/16	380
LDB-26-350	1			350kcmil-6	2	3/8	2/0-14	6	3/16	620
LDA-26-350	2			350kcmil-6	2	3/8	2/0-14	6	3/16	620
LDB-212-4/0	1			4/0-6	2	1/4	4-14	12	Slot	460
LDA-212-4/0	2			4/0-6	2	1/4	4-14	12	Slot	460
LDB-212-500	1			500kcmil-4	2	3/8	4-14	12	Slot	760
LDA-212-500	2			500kcmil-4	2	3/8	4-14	12	Slot	760
LDB-26-500	1			500kcmil-4	2	3/8	2/0-14	6	3/16	760
LDA-26-500	2			500kcmil-4	2	3/8	2/0-14	6	3/16	760
LDB-24-500	1			500kcmil-4	2	3/8	4/0-6	4	5/16	760
LDA-24-500	2			500kcmil-4	2	3/8	4/0-6	4	5/16	760
LDB-11-500	1			500kcmil-4	1	3/8	500kcmil-4	1	3/8	380
LDA-11-500	2			500kcmil-4	1	3/8	500kcmil-4	1	3/8	380
LDB-22-350	1			350kcmil-6	2	3/8	350kcmil-6	2	3/8	620
LDA-22-350	2			350kcmil-6	2	3/8	350kcmil-6	2	3/8	620
LDB-22-500	1			500kcmil-4	2	3/8	500kcmil-4	2	3/8	760
LDA-22-500	2			500kcmil-4	2	3/8	500kcmil-4	2	3/8	760

Side Panel can be ordered separately Cat. No. LDS-1

Tested to UL 1059, UL File E112158



Dimensions

A	B	C	D=Dia.	E	F	G	H	J = Cover	K	L	M	N
3	5-1/2	3-7/16	.28 Slot	1-1/2	5/16	4-7/8	1/4	1/2	4.75	2.69	.38	1.50

TYPE PDA PDC

Features

- Modular design
- Easy to assemble
- UL Recognized 90° C 600 Volts and is CSA Certified
- Electro-tin plated
- Lexan* insulating base
- Manufactured from high strength 6061-T6 aluminum alloy

Benefits

- Simplifies stocking. Combines any number of blocks with multiple conductor ranges into the specific configuration required for the job.
- Unique locking feature allows individual blocks to be combined quickly without special tools
- Ensures reliability
- Provides low contact resistance
- Provides a high degree of impact resistance with superior insulating qualities
- Suitable for use with either copper or aluminum conductors



Fig. 1



Fig. 2



Fig. 3



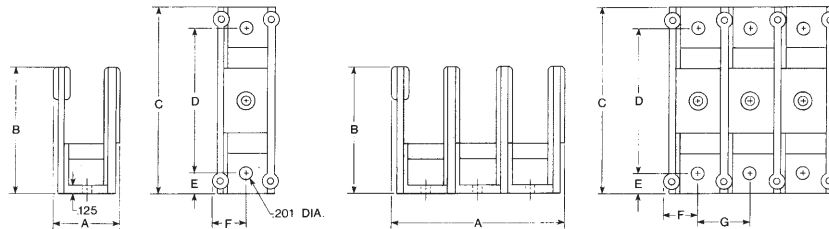
Fig. 4

Catalog Number	Figure Number	Connector		Primary		Secondary		Ampere Rating Per Pole	No. of Poles	Hex Size	
		Primary	Secondary	Wire Range	Openings Per Pole	Wire Range	Openings Per Pole			Primary	Secondary
PDC-14-2/0-1	1			2/0-14	1	4-14	4	175	1	3/16	Slot
PDA-14-2/0-1	2			2/0-14	1	4-14	4	175	Adder	3/16	Slot
PDC-11-2/0-1	3			2/0-14	1	2/0-14	1	175	1	3/16	3/16
PDA-11-2/0-1	4			2/0-14	1	2/0-14	1	175	Adder	3/16	3/16

Covers available 1-10 Poles. Specify length.

*Lexan is a registered trademark of SABIC INNOVATIVE PLASTICS HOLDINGS BV.

Tested to UL 486A-486B, UL File E84782



Block Size	No. of Poles	Dimensions						
		A	B	C	D	E	F	G
S	1	1.05	1.94	2.88	2.25	.31	.53	.80
S	2	1.85	1.94	2.88	2.25	.31	.53	.80

*"A" Dimension increases by .80 per additional pole.

0 TYPE PDB

Features

- Range taking
- Valox* insulating base
- Electro-tin plated
- Manufactured from high strength 6061-T6 aluminum alloy
- UL Recognized rated 90° C and is CSA Certified, rated for 600 volts

Benefits

- Provides great flexibility in using the connector as an in line splice or to reduce conductor size
- Provides a high degree of impact resistance with superior insulating qualities
- Provides low contact resistance
- Suitable for use with either copper or aluminum conductors
- Ensures reliability



Catalog Number	Connector		Primary		Secondary		Ampere Rating Per Pole	Number Of Poles	Block Size	Hex Size	
	Primary	Secondary	Wire Range	Openings Per Pole	Wire Range	Openings Per Pole				Primary	Secondary
PDB-16-2/0-1			2/0-12	1	4-14	6	175	1	M		
PDB-16-2/0-2			2/0-12	2	4-14	6	175	2	M	3/16	Slot
PDB-16-2/0-3			2/0-12	1	4-14	6	175	3	M		
PDB-26-2/0-1			2/0-12	2	2-14	6	350	1	M		
PDB-26-2/0-2			2/0-12	2	2-14	6	350	2	M	3/16	Slot
PDB-26-2/0-3			2/0-12	2	2-14	6	350	3	M		
PDB-112-350-1			350kcmil-6	1	4-14	12	310	1	L		
PDB-112-350-2			350kcmil-6	1	4-14	12	310	2	L	3/8	Slot
PDB-112-350-3			350kcmil-6	1	4-14	12	310	3	L		
PDB-112A-350-1			350kcmil-6	1	4-14	12	310	1	M		
PDB-112A-350-2			350kcmil-6	1	4-14	12	310	2	M	3/8	Slot
PDB-112A-350-3			350kcmil-6	1	4-14	12	310	3	M		
PDB-14-500-1			500kcmil-4	1	2/0-14	4	380	1	M		
PDB-14-500-2			500kcmil-4	1	2/0-14	4	380	2	M	3/8	3/16
PDB-14-500-3			500kcmil-4	1	2/0-14	4	380	3	M		
PDB-16-350-1			350kcmil-6	1	2/0-14	6	310	1	L		
PDB-16-350-2			350kcmil-6	1	2/0-14	6	310	2	L	3/8	3/16
PDB-16-350-3			350kcmil-6	1	2/0-14	6	310	3	L		
PDB-162-500-1			500kcmil-4	1	2-14	6	380	1	M		
PDB-162-500-2			500kcmil-4	1	2-14	6	380	2	M	3/8	Slot
PDB-162-500-3			500kcmil-4	1	2-14	6	380	3	M		

* Valox® is a registered trade name of the General Electric Company.

Tested to UL 1059, UL File E84782

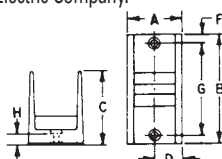


Fig. 1

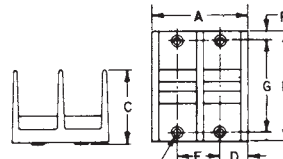


Fig. 2

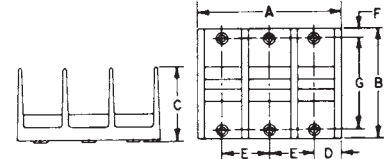


Fig. 3

Dimensions

Block Size	Number Of Poles	Figure Number	A	B	C	D	E	F	G	H	J	K
M	1	1	1-27/32	4	2-5/8	31/32	-	5/16	3-3/8	3/8	13/64	13/32
M	2	2	3-13/32	4	2-5/8	31/32	1-17/32	5/16	3-3/8	3/8	13/64	13/32
M	3	3	5	4	2-5/8	31/32	1-17/32	5/16	3-3/8	3/8	13/64	13/32
L	1	1	3	5-1/2	3-1/2	1-1/2	-	3/8	4-3/4	7/16	9/32	1/2
L	2	2	5-11/16	5-1/2	3-1/2	1-1/2	2-11/16	3/8	4-3/4	7/16	9/32	1/2
L	3	3	8-3/8	5-1/2	3-1/2	1-1/2	2-11/16	3/8	4-3/4	7/16	9/32	1/2

TYPE PDB

Features

- Range taking
- Valox* insulating base
- Electro-tin plated
- Manufactured from high strength 6061-T6 aluminum alloy
- UL Recognized rated 90° C and is CSA Certified, rated for 600 volts

Benefits

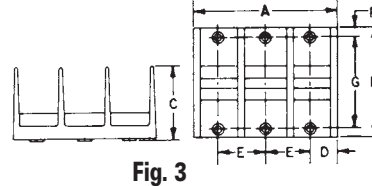
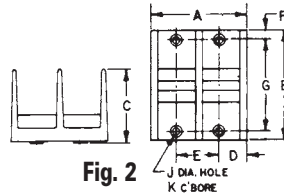
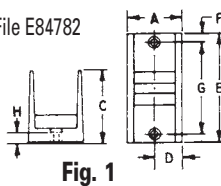
- Provides great flexibility in using the connector as an in line splice or to reduce conductor size
- Provides a high degree of impact resistance with superior insulating qualities
- Provides low contact resistance
- Suitable for use with either copper or aluminum conductors
- Ensures reliability



Catalog Number	Connector		Primary		Secondary		Ampere Rating Per Pole	Number Of Poles	Block Size	Hex Size	
	Primary	Secondary	Wire Range	Openings Per Pole	Wire Range	Openings Per Pole				Primary	Secondary
PDB-212-4/0-1			4/0-6	2	4-14	12	460	1	M		
PDB-212-4/0-2			4/0-6	2	4-14	12	460	2	M	3/8	Slot
PDB-212-4/0-3			4/0-6	2	4-14	12	460	3	M		
PDB-26-350-1			350kcmil-6	2	2/0-14	6	620	1	L		
PDB-26-350-2			350kcmil-6	2	2/0-14	6	620	2	L	3/8	3/16
PDB-26-350-3			350kcmil-6	2	2/0-14	6	620	3	L		
PDB-16-500-1			500kcmil-4	1	2/0-14	6	380	1	L		
PDB-16-500-2			500kcmil-4	1	2/0-14	6	380	2	L	3/8	3/16
PDB-16-500-3			500kcmil-4	1	2/0-14	6	380	3	L		
PDB-212-500-1			500kcmil-4	2	4-14	12	760	1	L		
PDB-212-500-2			500kcmil-4	2	4-14	12	760	2	L	3/8	Slot
PDB-212-500-3			500kcmil-4	2	4-14	12	760	3	L		
PDB-24-500-1			500kcmil-4	2	4/0-6	4	760	1	L		
PDB-24-500-2			500kcmil-4	2	4/0-6	4	760	2	L	3/8	5/16
PDB-24-500-3			500kcmil-4	2	4/0-6	4	760	3	L		
PDB-26-500-1			500kcmil-4	2	2/0-14	6	760	1	L		
PDB-26-500-2			500kcmil-4	2	2/0-14	6	760	2	L	3/8	3/16
PDB-26-500-3			500kcmil-4	2	2/0-14	6	760	3	L		

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Tested to UL 1059, UL File E84782



Dimensions

Block Size	Number Of Poles	Figure Number	A	B	C	D	E	F	G	H	J	K
M	1	1	1-27/32	4	2-5/8	31/32	-	5/16	3-3/8	3/8	13/64	13/32
M	2	2	3-13/32	4	2-5/8	31/32	1-17/32	5/16	3-3/8	3/8	13/64	13/32
M	3	3	5	4	2-5/8	31/32	1-17/32	5/16	3-3/8	3/8	13/64	13/32
L	1	1	3	5-1/2	3-1/2	1-1/2	-	3/8	4-3/4	7/16	9/32	1/2
L	2	2	5-11/16	5-1/2	3-1/2	1-1/2	2-11/16	3/8	4-3/4	7/16	9/32	1/2
L	3	3	8-3/8	5-1/2	3-1/2	1-1/2	2-11/16	3/8	4-3/4	7/16	9/32	1/2

0 TYPE PDB

Features

- Multiple taps
- Range taking
- Valox* insulating base
- Electro-tin plated
- Manufactured from high strength 6061-T6 aluminum alloy
- UL Recognized rated 90° C and is CSA Certified, rated for 600 volts

Benefits

- Depending on product selected, up to twelve taps can be taken from one or two mains
- Provides tapping flexibility over a broad wire range
- Provides a high degree of impact resistance with superior insulating qualities
- Provides low contact resistance
- Suitable for use with either copper or aluminum conductors
- Ensures reliability



Catalog Number	Connector		Primary		Secondary		Ampere Rating Per Pole	Number Of Poles	Block Size	Hex Size	
	Primary	Secondary	Wire Range	Openings Per Pole	Wire Range	Openings Per Pole				Primary	Secondary
PDB-11-2/0-1			2/0-14	1	2/0-14	1	175	1	M	3/16	3/16
PDB-11-2/0-2			2/0-14	1	2/0-14	1	175	2	M		
PDB-11-2/0-3			2/0-14	1	2/0-14	1	175	3	M		
PDB-11-350-1			350kcmil-6	1	350kcmil-6	1	310	1	M	3/8	3/8
PDB-11-350-2			350kcmil-6	1	350kcmil-6	1	310	2	M		
PDB-11-350-3			350kcmil-6	1	350kcmil-6	1	310	3	M		
PDB-11-500-1			500kcmil-4	1	500kcmil-4	1	380	1	L	3/8	3/8
PDB-11-500-2			500kcmil-4	1	500kcmil-4	1	380	2	L		
PDB-11-500-3			500kcmil-4	1	500kcmil-4	1	380	3	L		
PDB-22-2/0-1			2/0-14	2	2/0-14	2	350	1	M	3/16	3/16
PDB-22-2/0-2			2/0-14	2	2/0-14	2	350	2	M		
PDB-22-2/0-3			2/0-14	2	2/0-14	2	350	3	M		
PDB-22-350-1			350kcmil-6	2	350kcmil-6	2	620	1	L	3/8	3/8
PDB-22-350-2			350kcmil-6	2	350kcmil-6	2	620	2	L		
PDB-22-350-3			350kcmil-6	2	350kcmil-6	2	620	3	L		
PDB-22-500-1			500kcmil-4	2	500kcmil-4	2	760	1	L	3/8	3/8
PDB-22-500-2			500kcmil-4	2	500kcmil-4	2	760	2	L		
PDB-22-500-3			500kcmil-4	2	500kcmil-4	2	760	3	L		

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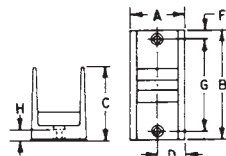


Fig. 1

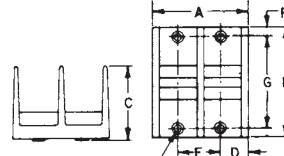


Fig. 2

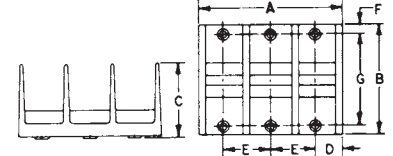


Fig. 3

Dimensions

Block Size	Number Of Poles	Figure Number	A	B	C	D	E	F	G	H	J	K
M	1	1	1-27/32	4	2-5/8	31/32	-	5/16	3-3/8	3/8	13/64	13/32
M	2	2	3-13/32	4	2-5/8	31/32	1-17/32	5/16	3-3/8	3/8	13/64	13/32
M	3	3	5	4	2-5/8	31/32	1-17/32	5/16	3-3/8	3/8	13/64	13/32
L	1	1	3	5-1/2	3-1/2	1-1/2	-	3/8	4-3/4	7/16	9/32	1/2
L	2	2	5-11/16	5-1/2	3-1/2	1-1/2	2-11/16	3/8	4-3/4	7/16	9/32	1/2
L	3	3	8-3/8	5-1/2	3-1/2	1-1/2	2-11/16	3/8	4-3/4	7/16	9/32	1/2

TYPE PDB

Features

- Lay-In primary cable ports
- Valox insulating base
- Clear cover
- UL 1953 Listed and CSA Certified for 600 volts, 90° C
- Electro-tin plated
- Manufactured from high strength 6061-T6 aluminum alloy

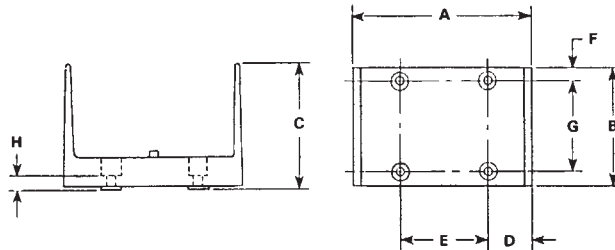
Benefits

- Designed for feed through of two primary conductors and up to six taps with no need to break the main feeder cable
- Provides a high degree of impact resistance with superior insulating qualities
- Permits visual inspection
- Ensures reliability
- Provides low contact resistance
- Suitable for use with either copper or aluminum conductors



Catalog Number	Connector		Primary		Secondary		Ampere Rating Per Pole	Number Of Poles	Hex Size	
	Primary	Secondary	Wire Range	Openings Per Pole	Wire Range	Openings Per Pole			Primary	Secondary
	PDB-26-750-1			750kcmil-250kcmil	2	250kcmil-6			6	950

Tested to UL 1059, UL File E112158



Block Size	No. of Poles	Dimensions							
		A	B	C	D	E	F	G	H
W	1	6-7/32	4	4-3/8	1-19/32	3	3/8	3-1/4	7/16

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0 TYPE PDB

Features

- Multiple taps
- Valox insulating base
- Clear cover
- UL 1953 Listed 90° C 600 Volts and is CSA Certified
- Electro-tin plated
- Manufactured from high strength 6061-T6 aluminum alloy

Benefits

- Four different connector configurations provide a wide range of tapping capabilities for up to five primary conductors
- Provides a high degree of impact resistance with superior insulating qualities
- Permits visual inspection
- Ensures reliability
- Provides low contact resistance
- Suitable for use with either copper or aluminum conductors



Fig. 1



Fig. 2



Fig. 3



Fig. 4

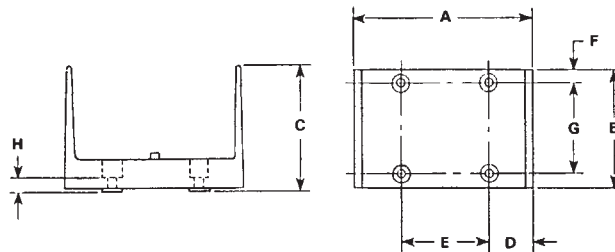
Catalog Number	Figure Number	Connector		Primary		Secondary		Ampere Rating Per Pole	Number of Poles	Block Size	Hex Size	
		Primary	Secondary	Wire Range	Openings Per Pole	Wire Range	Openings Per Pole				Primary	Secondary
PDB-428-500-1	1			500kcmil-4	4	4-14	28	1520	1	W	3/8	Slot
PDB-49-500-1	2			500kcmil-4	4	350kcmil-6 4/0-6	6 3	1520	1	W	3/8	3/8 5/16
‡ PDB-55-500-1	4			500kcmil-3/0	5	500kcmil-3/0	5	1600	1	W	3/8	3/8
PDB-412-500-1	3			500kcmil-4	4	4/0-6	12	1520	1	W	3/8	5/16

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° A versatile tap hole, wire range 8-14 AWG included on the connector.

‡ Not CSA Certified

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Block Size	No. of Poles	Dimensions							
		A	B	C	D	E	F	G	H
W	1	6-7/32	4	4-1/4	1-19/32	3	3/8	3-1/4	7/16

TYPE PDB

Features

- Manufactured from high strength 6061-T6 aluminum alloy
- Valox* insulating base
- UL 1953 Listed 90° C 600 volts
- Electro-tin plated
- Clear cover

Benefits

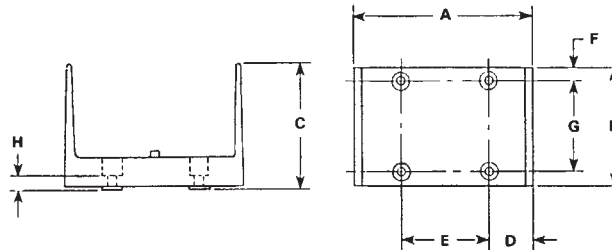
- Reliable use for copper conductor only
- Provides a high degree of impact resistance with superior insulating qualities
- Ensures reliability
- Provides low contact resistance
- Provides visual inspection



Catalog Number	Connector		Primary		Secondary		Ampere Rating Per Pole	Number Of Poles	Block Size	Hex Size	
	Primary	Secondary	Wire Range	Openings Per Pole	Wire Range	Openings Per Pole				Primary	Secondary
PDB-55-600-1			600kcmil-250kcmil	5	600kcmil-250kcmil	5	1900	1	W	3/8	3/8

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A versatile tap hole, wire range 8-14 AWG included on the connector.

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Block Size	No. of Poles	Dimensions									
		A	B	C	D	E	F	G	H	J	K
W	1	6-7/32	4	4-3/8	1-19/32	3	3/8	3-1/4	7/16	9/32	9/16



Technical Information Tightening Torque Values

Wire Range AL or CU	Torque Inch-Pounds
6AWG	100
4AWG	100
2AWG	150
1AWG	150
1/0AWG	200
2/0AWG	200
3/0AWG	250
4/0AWG	250
250kcmil	300
350kcmil	350
500kcmil	450
600kcmil	450
700kcmil	450
750kcmil	500
800kcmil	500
1000kcmil	500



ALPHA NUMERIC INDEX

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GTT	143	PTF-CJSL (PTFI)	13	USGH (HEAVY DUTY)	5-6
HH-10N	192	PTF-CNU (PTNU)	14	USGL	7
HLC	148	PTF-IN (PTIN)	15	USK	39
HT	79	PTF-J (PTFJ)	10	USPA-SS (USPU)	37
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