# D0

Low voltage fuse-links	148

Fuse bases 149

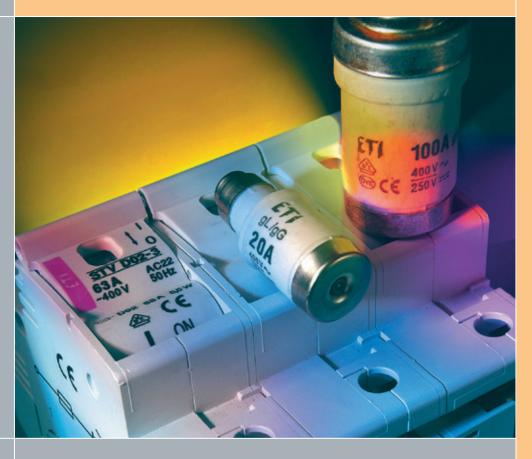
Accessories 151

Fuse-disconnection units 152

Technical data 395



#### Low voltage fuses





# Low voltage fuse-links

#### Fuse-link D0

Rated current 2 - 100 A

aG characteristics

D0 fuse-links are used as the most reliable protection of electrical installation, control and signal circuits against overload and short-circuit currents.

The whole system D0 contains a complete range of three physical sizes D01, D02 and D03 fuse-links, standard ceramic and new plastic bases, fuse disconnectors and all necessary accessories. It is dimensioned for rated voltages  $400 \, \text{V}$  a.c. resp.  $250 \, \text{V}$  d.c. with AC  $50 \, \text{kA}$  and DC  $8 \, \text{kA}$  rated breaking capacity.

The system D0 is intended to be used in residential, business and similar buildings. When it is used in industrial installations, it is necessary to take into account the requirements of the standard IEC 60664-1 concerning the insulation coordination for equipment within low-voltage systems .

All fuse-links have blown-fuse indicators which are visible through the screw cap when mounted. Fuse-links, fuse-bases, caps and fuse-disconnectors are tested and certified according to IEC 60269-3-1, DIN EN 60269-3, DIN VDE 0636-301, HD 630.3.1, DIN EN 60269-1, EN 60947-1 and EN 60947-3.



D01 for	D01 for fuse base E 14							
I <sub>n</sub>	colour	code No.	weight	packaging				
[A]		gG	[g]	[pcs]				
2	pink	002211001	6	10/500				
4	brown	002211002	6	10/500				
6	green	002211003	6	10/500				
10	red	002211004	6	10/500				
13	black	002211006	6	10/500				
16	grey	002211005	6	10/500				



D02 for	D02 for fuse base E 18							
I <sub>n</sub>	colour	code No.	weight	packaging				
[A]		gG	[g]	[pcs]				
20	blue	002212001	11	10/500				
25	yellow	002212002	12	10/500				
32	black	002212006	13	10/500				
35	black	002212003	13	10/500				
40	black	002212007	13	10/500				
50	white	002212004	13	10/500				
63	copper	002212005	15	10/500				



D03 for fuse base M 30 x 2							
I,	colour	code No.	weight	packaging			
[A]		gG	[g]	[pcs]			
80	silver	002213001	35	10/400			
100	red	002213002	35	10/400			

## **Fuse bases**

#### Ceramic fuse base

Rated current **16, 63 A** 

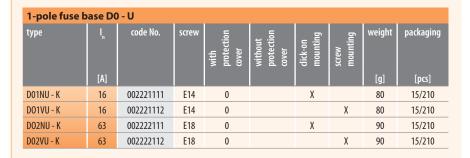
The fuse bases D0 are planned to be built into distribution boxes in domestic and public installations. Total security against parts under voltage is achieved by installing D0 fuse bases into domestic or industrial distribution boards. Ceramic fuse-bases are tested and certified according to IEC 60269-3-1, DIN EN 60269-1, DIN EN 60269-3 and DIN VDE 0636-301.

#### Advantages

- modular construction-module 9 mm
- smaller weight and smaller height (66 mm) provide installation into the flush-mounting distribution boxes, the depth of which is 80 mm only
- by the use of gauge-piece key it is possible to change the gauge rings under voltage
- the possibility of simple substitution of base D0 1 with D0 2

1-pole fuse base D0									
type	l <sub>n</sub>	code No.	screw	with protection cover	without protection cover	click-on mounting	screw mounting	weight	packaging
	[A]							[g]	[pcs]
D01N - K	16	002221011	E14	0		Χ		68	15/300
D01V - K	16	002221012	E14	0			Χ	66	15/300
D02N - K	63	002222011	E18	0		χ		87	15/300
D02V - K	63	002222012	E18	0			Χ	80	15/300
D02N M5 - K	63	002222016	E18	0		Χ		82	15/300
D02V M5 - K	63	002222015	E18	0			Χ	80	15/300
D01N	16	002221001	E14		0	Χ		56	15/150
D01V	16	002221002	E14		0		Χ	59	15/150
D02N	63	002222001	E18		0	χ		80	15/150
D02V	63	002222002	E18		0		Χ	77	15/150
D02N M5	63	002222006	E18		0	Χ		75	15/150
D02V M5	63	002222005	E18		0		Χ	72	15/150









3-pole fuse b	ase D0	)							
type	l <sub>n</sub>	code No.	screw	with protection cover	without protection cover	click-on mounting	screw mounting	weight	packaging
	[A]							[g]	[pcs]
D01N/3 - K	16	002221021	E14	0		Χ		216	5/100
D01V/3 - K	16	002221020	E14	0			Χ	187	5/100
D02N/3 - K	63	002222021	E18	0		Χ		252	5/100
D02V/3 - K	63	002222020	E18	0			χ	246	5/100
D02N/3 M5 - K	63	002222023	E18	0		χ		237	5/100
D02V/3 M5 - K	63	002222022	E18	0			Χ	231	5/100
D01N/3	16	002221031	E14		0	χ		176	5/50
D01V/3	16	002221030	E14		0		Χ	170	5/50
D02N/3	63	002222031	E18		0	Χ		235	5/50
D02V/3	63	002222030	E18		0		Χ	229	5/50
D02N/3 M5	63	002222033	E18		0	Χ		220	5/50
D02V/3 M5	63	002222032	E18		0		Χ	214	5/50

## Plastic fuse base

Plastic fuse bases series PPD01 and PPD02 are mainly intended to be build into distribution boxes in domestic, office and schools installations.

Total security against parts under voltage is achieved by installing PPD0 fuse bases into domestic or industrial distribution boards. Plastic fuse bases are tested and certified according to IEC 60269-3-1, DIN EN 60269-1, DIN EN 60269-3 and DIN VDE 0636-301.

#### Advantages

- Connection at the input is possible with a clamp or with a screw, at the output it is possible to connect with a
- Mounting is on a standard rail 35 mm (according to DIN EN 60715)
- Temperature resistant material
- Smaller weight of the product
- Layout is adjusted for modern build-in devices



Fuse base PPD01								
type	l,	code No.	number of	weight	packaging			
	[A]		poles	[g]	[pcs]			
PPD01-1	16	002221015	1	70	15			
PPD01-3	16	002221022	3	220	5			



Fuse base PPD02								
type	l <sub>n</sub>	code No.	number of	weight	packaging			
	[A]		poles	[g]	[pcs]			
PPD02-1	63	002222018	1	86	15			
PPD02-3	63	002222043	3	270	5			

00

# Accessories

# Protection cover

1-pole protection cover for fuse base						
type	code No. weight packag					
		[g]	[pcs]			
D01V, D01N	002251006	8	50/700			
D02V, D02N	002251005	8	50/700			

3-pole protection cover for fuse base							
type	code No. weight packaging						
		[g]	[pcs]				
D01V/3, D01N/3	002251004	17	14/280				
D02V/3, D02N/3	002251002	16	14/280				



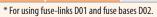
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# Gauge piece

V D01 fc	V D01 for fuse base E 14								
I <sub>n</sub>	colour	code No.	weight	packaging					
[A]			[g]	[pcs]					
2	pink	002241001	1	50/500					
4	brown	002241002	1	50/500					
6	green	002241003	1	50/500					
10	red	002241004	1	50/500					

V D02 for fuse base E 18								
I <sub>n</sub>	colour	code No.	weight	packaging				
[A]			[g]	[pcs]				
2*	pink	002243001	1	50/500				
4*	brown	002243002	1	50/500				
6*	green	002243003	1	50/500				
10*	red	002243004	1	50/500				
16*	grey	002243005	1	50/500				
20	blue	002242001	1	50/500				
25	yellow	002242002	1	50/500				
35	black	002242003	1	50/500				
50	white	002242004	1	50/500				









Gauge piece key				
code No. weight packagin				
	[g]	[pcs]		
002241000	17	20/120		

#### Fuse carrier D0



Fuse carrier D0						
type	code No.	screw	weight	packaging		
			[g]	[pcs]		
KN D01	002231003	E 14	14	20/500		
KN D02	002232003	E 18	17	20/500		



Fuse carrier D0 - plastic					
type	code No.	screw	weight	packaging	
			[g]	[pcs]	
PLK D01	002231008	E 14	9	10/500	
PLK D02	002232008	E 18	11	10/500	

## Special holder



Special holder		
code No.	weight	packaging
	[g]	[pcs]
002231000	1	25/300

# Fuse-disconnection units

## Fuse-switch disconnector VLD01

Rated current **2 - 6, 10, 16 A** 

Utilization category **AC22** 

Fuse-switch disconnector is a protection device with an exchangeable for D01 fuse link. This system enables the following protecting advantages, concerning the D0 fuse:

- Replacement of the fuse-link can be done with a movable holder, without danger of direct contact to the parts under voltage.
- The device can be switched on without screwing, contact pressure is applied automatically by a spring.
- Complete protection against touch by VBG 4.
- In position 1 and 0, the fuse-link operation indicator is visible through a transparent window.

#### Fuse-disconnection units

1-pole				
I <sub>n</sub> [A]	U <sub>n</sub> [V]	code No.	weight [g]	packaging [pcs]
6	230/400	002261001	67	12/108
10	230/400	002261002	67	12/108
13	230/400	002261004	67	12/108
16	230/400	002261003	67	12/108

1-pole				
I <sub>n</sub>	U <sub>n</sub>	code No.	weight	packaging
[A]	[V]		[g]	[pcs]
6	230	002261016	135	6/54
10	230	002261017	135	6/54
13	230	002261019	135	6/54
16	230	002261018	135	6/54

2-pole				
I <sub>n</sub> [A]	U <sub>n</sub> [V]	code No.	weight [g]	packaging [pcs]
6	400	002261006	135	6/54
10	400	002261007	135	6/54
13	400	002261009	135	6/54
16	400	002261008	135	6/54

3-pole				
I <sub>n</sub>	U <sub>n</sub>	code No.	weight	packaging
[A]	[V]		[g]	[pcs]
6	400	002261011	203	4/36
10	400	002261012	203	4/36
13	400	002261014	203	4/36
16	400	002261013	203	4/36

3-pole	3-pole + N						
I <sub>n</sub>	U <sub>n</sub>	code No.	weight	packaging			
[A]	[V]		[g]	[pcs]			
6	400	002261021	270	3/27			
10	400	002261022	270	3/27			
13	400	002261024	270	3/27			
16	400	002261023	270	3/27			







# Accessories for fuse-switch disconnector VLD01

Holder			
accessories	code No.	weight [g]	packaging [pcs]
holder/2-6A	002261028	6	15/600
holder/10A	002261029	6	15/600
holder/13A	002261027	6	15/600
holder/16A	002261030	6	15/600



8



## Switch-disconnector-fuse STVD02

Rated current **63 A** 

Utilization category **AC 22** 

Switch-disconnector-fuse is a device which combines the functions of the switch and of the fuse D0.

The system enables the following advantages of protection in comparison with the fuse D0:

- The changing of the fuse-link without danger of direct touch of parts under voltage.
- Snap-on mounting on rail according to EN 60715.
- The complete protection against touch according to VBG 4.
- The possibility of connecting supply from the upper or from the lower side.
- It can be used as a main switch and tariff fuse in a single device.
- Possibility of sealing in ON or OFF positions with or without fuse-link.



STVD02	STVD02					
type	l <sub>n</sub>	code No.	weight	packaging		
	[A]		[g]	[pcs]		
STV D02-1	63	002271001	119	12/96		
STV D02-1N	63	002271002	238	6/48		
STV D02-2	63	002271003	238	6/48		
STV D02-3	63	002271004	357	4/32		
STV D02-3N	63	002271005	476	3/24		



#### Accessories for switch - disconnector - fuse STVD02



Auxiliary switch PS STV					
type	code No.	contacts	weight		
			[g]		
PS STV - MD	002279001	1 x b kontakt, 1 x a kontakt	50		
PS STV - 2M	002279002	2 x b kontakt	50		
PS STV - 2D	002279003	2 x a kontakt	50		

a... make contact

b... breake contact

Auxiliary switch PS STV is intended to be mounted with switches of series STV D02. The width of apparatus is 9 mm, other dimensions comply with STV D02 series switches.

 $Auxiliary \, switch \, PS \, STV \, D02 \, serves \, for \, distant \, signalization \, of \, the \, state \, of \, contacts \, (on/off) \, of \, STV \, D02 \, switch, \, or \, for \, circuit \, control.$ 

#### Fuse-disconnection units

Gauge piece							
I <sub>n</sub>	colour	code No.	weight	packaging			
[A]			[g]	[pcs]			
20	blue	002243010	0,8	50/500			
25	yellow	002243011	0,6	50/500			
35	black	002243012	0,5	50/500			
50	white	002243013	0,4	50/500			

Their function is to limit the use of D0 fuse-links to user prescribed rated currents. The gauge piece can be inserted into the holder, when the fuse holder is extracted from the housing.



Adapter							
I <sub>n</sub>	colour	code No.	weight	packaging			
[A]			[g]	[pcs]			
6	green	002243018	2,5	20/200			
10	red	002243019	2,5	20/200			
16	grey	002243020	2,5	20/200			

Its function is to allow the use of D01 fuse-links (2-16A) with the fuseswitch-disconnector STV D02.



## STVD02 set

STVD02 set includes a switch-disconnector-fuse, gauge pieces of all sizes and adapters of all sizes.

STVD02 set					
title	code No.	packaging			
		[pcs]			
STV DO2 1p set	002271101	12/96			
STV D02 1p+N set	002271102	6/48			
STV D02 2p set	002271103	6/48			
STV D02 3p set	002271104	4/32			
STV D02 3p+N set	002271105	3/24			

	Notes