Short Form Catalog 2011

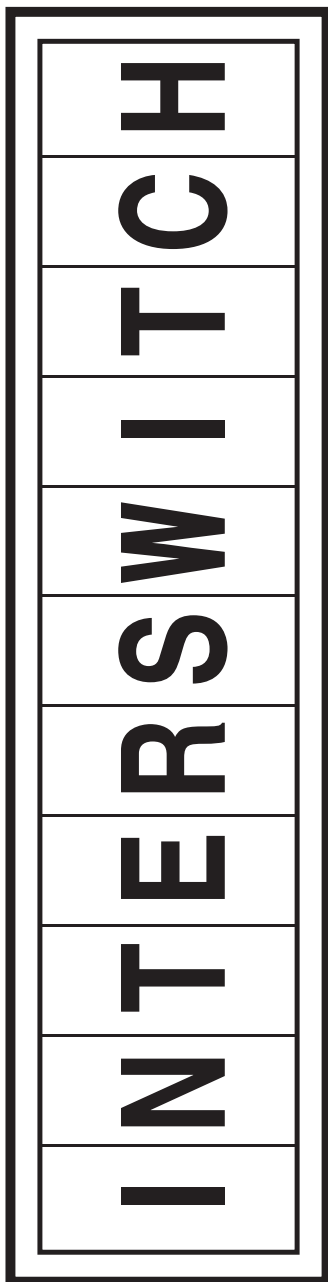## Switches

INTERSWITCH ®

Featuring

Thumbwheel Switches

Rotary Switches

LED Codicount

IP67 Keypads

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Thumbwheel Switches

Part Number	Description	Positions Available	Available Coding	Maximum Current (A) AC or DC	Working Voltage AC or DC	Dimensions W x H x D (mm)
A Series	Medium size near mounted thumb-wheel switch	10, 16	Dec 0-9, BCD ps +cmp, Aiken pos BCD +2 inputs, BCD pos & neg, Single pole	1.00	42	11 x 39 x 53.6
B Series	Medium size front mounted thumb-wheel switch	10, 16	See A Series	1.00	42	12.5 x 58 x 57.1
D Series	Small size front mounted push button thumbwheel switch	10	Dec 0-9, Kelvin, Single pole, BCD pos, BCD neg	1.00	42	7.62 x 24 x 33.5
E Series	Small size rear mounted thumb-wheel swtich	10	Dec 0-9, BCD pos & neg, Single pole, Resistance	1.00	42	16 x 18 x 31.5
G Series	Very large size front mounted thumbwheel switch	10	2-pole, BCD pos, BCD +2 inputs	2.00	42	20 x76 x 79
H Series	Small size front mounted thumb-wheel switch	10, 11, 16	Dec 0-9 BCD pos +comp, BCD +2, BCD + comp, Hex, Kelvin, BCD pos & neg, 1-pole	1.00	42	10 x 33 x 38
L Series	Small size rear mounted thumb-wheel switch	10	See E Series	—	42	8 x 18 x 31.5
M Series	Small size front mounted thumb-wheel switch	10, 11, 16	Dec 0-9, BCD +comp, BCD +2, BCD +comp, Hex Kelvin, BCD pos & neg, Single pole, Resistance	1.00	42	8 x 33 38
N Series	Small size rear mounted thumb-wheel switch	10	See E Series	—	42	7 x 18 x 31.5
P Series	Small size rear mounted thumb-wheel switch	10, 11, 16	See H Series	1.00	42	10 x 24.2 x 38
Q Series	Medium size rear mounted IP65 thumbwheel switch	10	Decimal 0-9, BCD pos, 2-pole	2.00	42	12.7 x 33 x 47
S Series	Small size front mounted thumb-wheel switch	10	See H Series	1.00	42	10 x 33 x 38
U Series	Small size front mounted thumb-wheel switch	10, 16	Dec 0-9, Kelvin, Hex, Single pole, BCD pos & neg, Resistance	1.00	42	8 x 33 x 38
V Series	Small size front mounted thumb-wheel switch	10, 16	Dec 0-9, Single pole, Resistance, BCD pos & neg	0.50	42	8 x 26.5 x 32.5
W Series	Medium size front mounted IP65 thumbwheel switch	10	Dec 0-9, Single pole, Resistance, BCD pos & neg	1.00	42	12.5 x 58 x 57.1
Z Series	Small size front mounted push button thumbwheel switch	10	Single pole, BCD pos & neg	0.50	50	7.6 x 15 x 24

Rotary DIP Code Switches

Part Number	Knob Type	Description	Number of Positions
RDS10-112	Flat / Flush Shaft	BCD Real Code	10
RDS10-122	Flat / Flush Shaft	BCD Complement	10
RDS16-112	Flat / Flush Shaft	Hexadecimal	16
RDS16-122	Flat / Flush Shaft	Hexadecimal Complement	16
RDS10-212	Exposed Shaft	BCD Real Code	10
RDS10-222	Exposed Shaft	BCD Complement	10
RDS16-212	Exposed Shaft	Hexadecimal	16
RDS16-222	Exposed Shaft	Hexadecimal Complement	16
RDS10-312	Wheel	BCD Real Code	10
RDS10-322	Wheel	BCD Complement	10
RDS16-312	Wheel	Hexadecimal	16
RDS16-322	Wheel	Hexadecimal Complement	16
RDS10-412	Knob	BCD Real Code	10
RDS10-422	Knob	BCD Complement	10
RDS16-412	Knob	Hexadecimal	16
RDS16-422	Knob	Hexadecimal Complement	16
AS01006-390T	—	Right Angle Socket	—

INTERSWITCH®

7-Segment LED Codicount Switches

Part Number	Description	Characters Available	Available Input Coding	Max. Current (mA) DC	Supply Voltage VDC	Dimensions W x H x D (mm)
100 Series	Small size front mounted display module with 9mm character height, compatible with Interswitch Series V thumbwheel switches	0-9	BCD, CMOS and TTL logic	36	5, 12 or 24	8 x 26.5 x 48.5 - 79
300 Series	Small size front mounted display module with 9mm character height, compatible with Interswitch Series U thumbwheel switches	0-9	BCD	40	24	8 x 33 x 51 - 66
500 Series	Medium size front mounted display module with 9 mm character height, compatible with Interswitch Series H thumbwheel switches and combinable with Series H, M and S	0-9	BCD	50	24	10 x 33 x 40 - 74
800 Series	Large size front mounted display module with 20mm character height, compatible with Interswitch Series H and M thumb-wheel switches	0-9	BCD, CMOS and TTI logic	140	5, 12 or 24	20 x 33 x 40 - 76
900 Series	Very large size front mounted display modules with 25, 35, and 45 mm character heights, compatible with Interswitch Series G thumbwheel switches	0-9	BCD	95	12 or 24	40 x 76 x 81.5

Keypads

Part Number	Description	Key Configu-ration	Key Type	Dimensions W x H x D (mm)
KNM20S14	1x4 monoblock immersion proof keypad, with springless mechanical contacts, including key tops & mounting hardware	1 x 4	Flush	32.4 x 89.5 x 18.5
KNM30S14	1x4 monoblock immersion proof keypad, with springless mechanical contacts, including key tops & mounting hardware	1 x 4	Raised	34.4 x 91.6 x 23.8
KNM20S34	3x4 monoblock immersion proof keypad, springless mechanical contacts, without mounting hardware or key tops	3 x 4	Flush	70.5 x 89.5 x 18.5
KNM30S34	3x4 monoblock immersion proof keypad, springless mechanical contacts, without mounting hardware or key tops	3 x 4	Raised	72.6 x 91.6 x 23.8
KNM20S44	4x4 monoblock immersion proof keypad, springless mechanical contacts, without key tops or mounting hardware	4 x 4	Flush	89.5 x 89.5 x 18.5
KNM30S44	4x4 monoblock immersion proof keypad, springless mechanical contacts, without key tops or mounting hardware	4 x 4	Raised	91.6 x 91.6 x 23.8

Keypad Accessories

Part Number	Description	For Keypad Number
KKE1B-ACCC	Set of 16 key tops 0-9 / A-F	All
KKE1B-ADDD	Set of 16 key tops 0-15	All
KKE1B-AGGG	Set of 26 key tops A-Z	All
KKE1B-ALLL	Set of 21 key tops 0-9 / A-F / + / - * / # / .	All
KKE4L-ACCC	Set of 20 key tops 0-9 / A-F / 4 blanks	All
KKE12L-ALLL	Set of 25 key tops 0-9 / A-F / + / - * / # / . 4 blanks / 16 transparent covers	All
KKE16L-ALLL	Set of 25 key tops 0-9 / A-F / + / - * / # / . 4 blanks / 16 transparent covers	All
KZBEA	Front mounting hardware	KNM20S44 & KNB30S44
KZBEB	Front mounting hardware	KNM20S34 & KNB30S34
KZBEC	Rear mounting hardware	KNM20S34 & KNB30S44
KZBED	Rear mounting hardware	KNM20S34
KZBEE	Rear mounting hardware	KNM20S34 & KNB30S44
KZBEF	Rear mounting hardware	KNM20S34
KZDIH34	Toroidal sealing ring for rear mounting the 3x4 keypads	KNM20S34 & KNM30S34
KZDIV34	Toroidal sealing ring for rear mounting the 3x4 keypads	KNM20S34 & KNM30S34
KZDIH44	Toroidal sealing ring for rear mounting the 4x4 keypads	KNM20S44 & KNM30S44
KZDIV44	Toroidal sealing ring for rear mounting the 4x4 keypads	KNM20S44 & KNM30S44

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