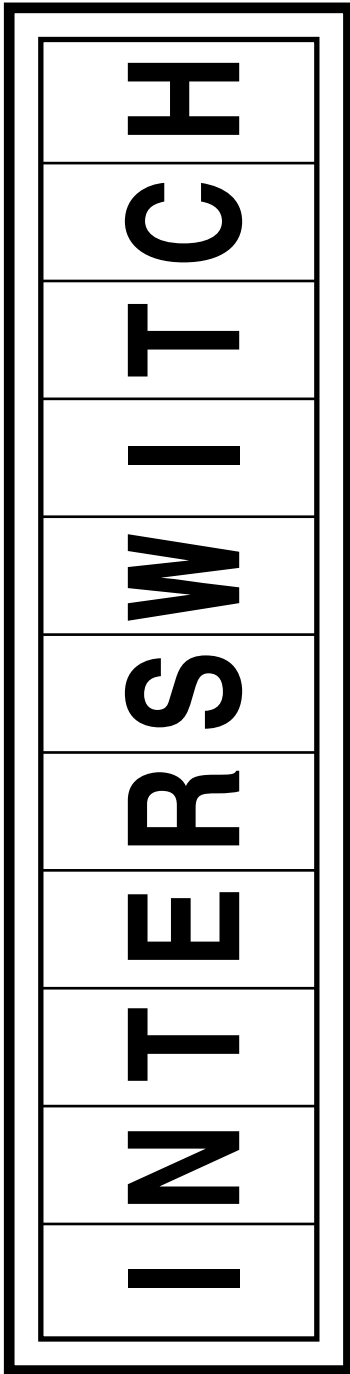


®



Short Form Catalog 2010

Switches

Featuring:
Thumbwheel Switches
Rotary Switches
LED Codicount
IP67 Keypads

Contact Us for Custom Switch Options

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ELECTRONICS
CORPORATION

720 Palomar Avenue
Sunnyvale, CA 94085
Tel: 408.523.8223 Fax: 408.733.1287
Email: sales@purdyelectronics.com
www.purdyelectronics.com

Thumbwheel Switches

Part Number	Description	Positions Available	Available Coding	Maximum Current (A) AC or DC	Working Voltage AC or DC	Dimensions WxHxD (mm)
A Series	Medium size rear mounted thumbwheel switch	10, 16	Dec 0-9, BCD pos +comp, 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 thumbwheel 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 thumbwheel switch	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 x 76 x 79
H Series	Small size front mounted thumbwheel 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 thumbwheel switch	10	See E Series	0.50	42	8 x 18 x 31.5
M Series	Small size front mounted thumbwheel 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 x 38
N Series	Small size rear mounted thumbwheel switch	10	See E Series	–	42	7 x 18 x 31.5
P Series	Small size rear mounted thumbwheel 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 thumbwheel switch	10	See H Series	1.00	42	10 x 33 x 38
U Series	Small size front mounted thumbwheel 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 thumbwheel switch	10	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, Single pole, 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	–

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 9mm 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 thumbwheel switches	0-9	BCD, CMOS and TTL 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 Configuration	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 & KNM30S44
KZBEB	Front mounting hardware	KNM20S34 & KNM30S34
KZBEC	Rear mounting hardware	KNM20S34 & KNM30S44
KZBED	Rear mounting hardware	KNM20S34
KZBEE	Rear mounting hardware	KNM30S34 & KNM30S44
KZBEF	Rear mounting hardware	KNM30S34
KZDIH34	Toroidal sealing ring for rear mounting the 3x4 keypads	KNM20S34 & KNM30S34
KZDIV34	Toroidal sealing ring for front mounting the 3x4 keypads	KNM20S34 & KNM30S34
KZDIH44	Toroidal sealing ring for rear mounting the 4x4 keypads	KNM20S44 & KNM30S44
KZDIV44	Toroidal sealing ring for front mounting the 4x4 keypads	KNM20S44 & KNM30S44

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The mission of Purdy Electronics Corporation is to provide our original equipment manufacturer (OEM) customers with the highest quality electronic components at competitive prices, supported with superior customer and technical service and value added enhancements.

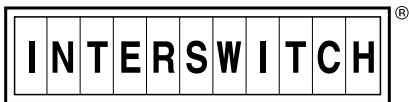
Purdy Electronics has been providing electronic components to OEMs for over 75 years. We specialize in manufacturing a limited number of product lines including:



Fans and Blowers



Light Emitting Diodes



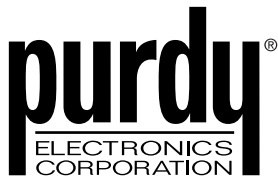
Rotary and Thumbwheel Switches



Fiber Optic Components and Cable Assemblies



Liquid Crystal Display Products



720 Palomar Avenue
Sunnyvale, CA 94085
Tel: 408.523.8282 Fax: 408.733.1287
Email: sales@purdyelectronics.com
www.purdyelectronics.com