Product Matrix

Complete capability in switching solutions

IN2CONNECT
ELECTRONIC CONNECTORS

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ITW Switches
SENSORS, SWITCHES, ELECTRONIC CONTROLS

Product Selector

	Series	Country of Origin	Type	Thread M	O/D mm (in)	Contact	Material	Illumination	Momentary	Maintained / Latched	Configuration	Contact Arrangement	Operating Force (N)	Protection	Current (A)		Voltage (V)	Operating Life	
																		Electrical	Mechanical
	030	USA	Rotary	n/a	7.0	n/a	Metal	No	No	Yes	n/a	n/a		n/a	500mA	@	125V AC		10K
	034	USA	Pushbutton	n/a	9.14	SP	Metal	No	Yes	No	SPST-NO				100mA	@	125V AC		1 M
	11	USA	Microswitch	n/a	n/a	SP	Black Plastic	No	Yes	No	SPST-DB	Form Z			10A	@	250V AC		
	14	USA	Microswitch	n/a	n/a	SP	Black Plastic	No	Yes	No	SPDT-DB	Form Z			20A	@	480V AC		
	16	USA	Microswitch	n/a	n/a	SP / DP	Black Plastic	No	Yes	No	SPDT-DB	Form Z	2.2	IP40	10A	@	250V AC	100K	10 M
	18	USA	Microswitch	n/a	n/a	SP	Green Plastic	No	Yes	No	SPDT-DB	Form Z	2.2	IP40	8A	@	28V DC	10K	10 M
	19N	UK	Microswitch	n/a	n/a	SP	Green Plastic	No	Yes	No	SPDT-DB	Form C	<2.0	IP67	5A	@	250V AC	100K	10 M
	22	USA	Microswitch	n/a	n/a	SP	Black Plastic	No	Yes	No	DPDT-DB-NO	Form XX Form YY			8A	@	28V DC		
											DPDT-DB	Form ZZ							
	26	USA	Microswitch	n/a	n/a	SP / DP	Black Plastic	No	Yes	No	DPDT-DB	Form ZZ	4.5	IP40	8A	@	250V AC	100K	10 M
	39	TW	Pushbutton	n/a	9.6 sq	SP / DP	Black Plastic	Yes	Yes	Yes	SPST-NO-DB	Form X	113 grams		0.25A	@	30V DC	1 M - Momentary 25K - Maintained	
											DPDT-SB		226 grams					250K - Momentary 25K - Maintained	
	47	USA	Pushbutton	14.3	17.4	SP	Black	No	Yes	No	n/a	n/a	1000 grams	IP67	20mA	@	28V DC	100K	100K
	48	TW	Pushbutton	M12	17.4	SP	Black Plastic	Yes	Yes	Yes	SPST-NO	n/a	3N	IP67	10mA	@	12V DC Resistive		1 M Momnetary 100K Maintained
	48SS	TW	Pushbutton	M12	17.4	SP	Black & Chrome	Yes	Yes	Yes	SPST-NO-DB	Form X	3N	IP67	3-8mA	@	4.2V - 24V DC		1M Momentary 50K Maintained
	C48	TW	Pushbutton	M12	17.4	SP	Black Plastic	Yes	Yes	Yes	SPST-NO-DB		3N	IP67	10mA	@	12V AC	200K Momentary 20K Maintained	1M Momentary 50K Maintained
	G48	TW	Pushbutton	M12	17.4	SP	Black Plastic	Yes	Yes	Yes	SPST-NO-DB		3N	IP67	2A 1A	@	24V DC 250V AC	40K Momentary 20K Maintained	
	N48	TW	Pushbutton	M12	17.4	SP	Black Plastic / Chrome	Yes	Yes	Yes	SPST-NO-DB		3N	IP65	10mA	@	12V AC	100K Momentary 20K Maintained	1M Momentary 50K Maintained
	S48	TW	Pushbutton	M12	17.4	SP	Black Plastic	Yes	Yes	Yes	SPST-NO-DB		3N	IP67	10mA	@	12V AC	200K Momentary 20K Maintained	1M Momentary 50K Maintained
	SA48	TW	Pushbutton	M12	17.4	SP	Black & Chrome	Yes	Yes	No	SPDT-DB		5.15N	IP67	5A	@	28V DC 125/250V AC	25K	25K
	48M	TW	Vandal Resistant	M19	21.6 (0.85)	SP	Stainless Steel	Yes	Yes	Yes	SPST-NO-DB	n/a	3N	IP67	10mA	@	12V DC Resistive		500K Momentary 100K Maintained
	48MSS	TW	Vandal Resistant	M19	20.5 (0.85)	SP	Stainless Steel / Zinc	Yes	Yes	Yes	SPST-NO-DB	Form X	3N	IP67	3-8mA	@	4.2V - 24V DC		1M Momentary 50K Maintained
	C48M	TW	Vandal Resistant	M19	21.6 (0.85)	SP	Stainless Steel / Zinc Alloy	Yes	Yes	Yes	SPST-NO-DB	Form X	3N	IP67	10mA	@	12V DC	200K Momentary 20K Maintained	
	H48M	TW	Vandal Resistant	M19	21.6 (0.85)	SP	Stainless Steel	Yes	Yes	Yes	SPDT-DB	Form Z	5.2	IP67	10A	@	28V DC		500K Momentary 50K Maintained
	G48M	TW	Vandal Resistant	M19	21.6 (0.85)	SP	Stainless Steel / Zinc Alloy	Yes	Yes	Yes	SPST-NO-DB	Form X	3N	IP67	2A 1A	@	24V DC 250V AC	40K Momentary 20K Maintained	
	S48M	TW	Vandal Resistant	M19	21.6 (0.85)	SP	Stainless Steel / Zinc Alloy	Yes	Yes	Yes	SPST-NO-DB	Form X	3N	IP67	10mA	@	12V DC	100K Momentary 20K Maintained	
	SA48M	TW	Vandal Resistant	M19	21.6 (0.85)	SP	Stainless Steel / Zinc Alloy	Yes	Yes	No	SPDT-DB		5.15N		5A	@	28V DC 125/250V AC	25K	25K

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	49	TW	Pushbutton	M12	17.4	SP	Black Plastic	Yes	Yes	No	SPST-NO-DB SPST-NC-DB				100mA	@	50V DC	500K	1 M
	59	UK	Pushbutton	M12	17.5 (0.69)	SP	Black Plastic	No	Yes	No	SPST-NO	n/a	3N	IP67	100mA	@	50V DC	500K	1 M
	49-59T	USA	Pushbutton	M16	20.0	SP / DP	Black Plastic	No	Yes	No	SPST-DB	Form Z	3.8N - 5.5N	IP67	10A	@	28V DC	50K	1 M
											DPDT-DB	Form ZZ							
	49-59W	UK	Pushbutton	M16	20.0	SP	Black Plastic	No	Yes	No	SPST-NO-DB	n/a	3N	IP67	100mA	@	50V DC	500K	1 M
	57	UK	Vandal Resistant	M16	18.5 (0.73)	SP	Chrome Plated	Yes	Yes	No	n/a	n/a	3N	IP67	100mA	@	50V DC	500K	1 M
	57M	TW	Vandal Resistant	M16	18.5 (0.73)	SP	Zinc Alloy	Yes	Yes	Yes	SPST-NO-DB	Form X	3N	IP67	10mA	@	12V DC		500K Monentary 25K Maintained
	57M-SS	TW	Vandal Resistant	M16	18.5 (0.73)	SP	Zinc / Chrome	Yes	Yes	Yes	SPST-NO-DB	Form X	3N	IP67	3-8mA	@	4.2V - 24V DC		1M Momentary 50K Maintained
	C57M	TW	Vandal Resistant	M16	18.5 (0.73)	SP	Stainless Steel / Zinc / Chrome	Yes	Yes	Yes	SPST-NO-DB	Form X	3N	IP67	10mA	@	12V DC	200K Momentary 20K Maintained	
	D57M	TW	Vandal Resistant	M16	18.5 (0.73)	SP	Zinc Alloy	Yes	Yes	No	SPST-NO-DB	Form X	3N	IP67	10mA	@	12V DC	100K	
	H57M	TW	Vandal Resistant	M16	18.5 (0.73)	SP	Chrome Plated	Yes	Yes	Yes	SPDT-DB	Form Z	5.2N	IP67	10A	@	28V DC		500K Momentary 50K Maintained
	G57M	TW	Vandal Resistant	M16	18.5 (0.73)	SP	Stainless Steel / Zinc Alloy	Yes	Yes	Yes	SPST-NO-DB	Form X	3N	IP67	2A 1A	@	24V DC 250V AC	40K Momentary 20K Maintained	
	S57M	TW	Vandal Resistant	M16	18.5 (0.73)	SP	Stainless Steel / Zinc Alloy	Yes	Yes	Yes	SPST-NO-DB	Form X	3N	IP67	10mA	@	12V DC	200K Momentary 20K Maintained	
	SA57M	TW	Vandal Resistant	M16	18.5 (0.73)	SP	Stainless Steel / Zinc Alloy	Yes	Yes	No	SPDT-DB		5.15N		5A	@	28V DC 125/250V AC	25K	25K
	58M	TW	Vandal Resistant	M22	25.0 (.98)	SP	Stainless Steel / Aluminium	Yes	Yes	Yes	SPST-NO-DB	Form X	3N	IP67	10mA 250mA	@	12V DC	1M Momentary 100K Maintained	
	58M-SS	TW	Vandal Resistant	M22	25.0 (.98)	SP	Stainless Steel / Aluminium	Yes	Yes	Yes	SPST-NO-DB	Form X	3N	IP67	3mA - 8mA	@	4.2V - 24V DC	1M Momentary 50K Maintained	
	C58M	TW	Vandal Resistant	M22	25.0 (.98)	SP	Stainless Steel / Aluminium	Yes	Yes	Yes	SPST-NO-DB	Form X	3N	IP67	10mA	@	12V DC	200K Momentary 20K Maintained	
	G58M	TW	Vandal Resistant	M22	25.0 (.98)	SP	Stainless Steel / Aluminium	Yes	Yes	Yes	SPST-NO-DB	Form X	3N	IP67	2A 1A	@	24V DC 250V AC	40K Momentary 20K Maintained	
	H58M	TW	Vandal Resistant	M22	25.0 (.98)	SP	Stainless Steel / Aluminium	Yes	Yes	Yes	SPDT-DB	Form Z	5.2N	IP67	10A	@	28V DC		500K Momentary 50K Maintained
	SA58M	TW	Vandal Resistant	M22	25.0 (.98)	SP	Stainless Steel / Aluminium	Yes	Yes	No	SPDT-DB	Form Z	5.15N		5A	@	28V DC 125/250V AC	25K	25K
	65	USA	Microswitch	n/a	n/a	SP	Metal	No	Yes	No	SPDT-DB	Form Z			10A	@	250V AC		
	76-6	USA	Microswitch	n/a	n/a	SP	Black Plastic	No	Yes	No	SPDT-DB	Form X Form Y Form Z			5A	@	250V AC		
	76-59	UK	Vandal Resistant	M19	21.6 (0.85)	SP	Stainless Steel	Yes	Yes	No	SPST-NO-DB	Form X	3N	IP67	125mA	@	125V AC	500K	1 M
		USA	Vandal Resistant	M19	20.5 (0.85)	SP		No							100mA		50V DC		
	76-91	UK	Pushbutton	22.5	30.0	SP / DP	Black Plastic	Yes	Yes	No	SPDT-DB	Form Z	12N	IP67	10mA 10A	@	5V DC 250V AC	100K	1 M
	76-94	UK	Vandal Resistant	22.5	30.0 - 46.5	SP / DP	Painted Zinc	No	Yes	Yes	SPDT-DB DPDT-DB	Form Z Form ZZ	7N	IP67	10A max	@	250V AC	100K	2 M Pushbutton 100K Maintained Push-button 50K Rotary
	76-95	UK	Vandal Resistant	M19	21.6 (0.85)	SP / DP	Stainless Steel	No	Yes	No	SPDT-DB	Form X Form Y	2.6N	IP67	10A	@	28V DC	50K	1 M
											DPDT-DB	Form Z			5A		250V AC		
	76-97	UK	Pushbutton	22.5	30	SP	Black Plastic	No	Yes	Yes	SPST-DB	Form Z	12N	IP67	10A	@	250V AC	100K	2 M
						DP					DPDT-DB	Form ZZ							
	78	UK	Vandal Resistant	5/8"		SP / DP		No	Yes	No	SPDT-DB DPDT-DB	Form X Form Y Form Z	17.8N		7A 8A	@	125/250V AC 28V DC		
	89 L / S	TW	Pushbutton	12.5 (0.49)			Black Plastic	Yes	Yes	No	SPST-NO-DB	Form X	3N	None	10mA 100mA	@	12V DC 48V DC	1M (10mA - 12V DC) 100K (250mA - 12V DC)	
	91	UK	Gas Ignition	n/a	n/a	n/a	Black Plastic	No	No	Yes			n/a	BEAB Approved	Rotary 100mA Snap Action 250mA	@	250V		100K

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Product to Market Matrix

	AEROSPACE	APPLIANCE	AUDIO / BROADCAST	AUTOMOTIVE	BUILDINGS	COMMUNICATIONS	COMPUTING	CONSUMER	EDUCATION	ENERGY	INDUSTRIAL	INSTRUMENTATION	LEISURE	LIGHTING	MARINE	MEDICAL	MILITARY	RAIL	RECYCLING	SECURITY	TRANSPORTATION
Switch Series																					
16											X						X			X	
18	X										X	X									
26				X							X	X									
34																					
39																					
47						X															
48				X		X					X	X				X		X			
49				X																	
57	X		X				X				X	X					X		X		
H58M		X																			
59	X	X	X	X	X	X	X		X	X	X	X	X	X		X	X	X		X	
700				X							X					X					
801	X					X				X							X				
18-VS			X				X				X	X								X	
19N				X				X			X	X								X	
48M							X	X			X	X			X		X				
H48M																					
49				X																	
49-59	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X		X	
49-76				X								X									
57M												X									
58M		X				X						X									
76-12																				X	
76-22																	X				
76-59				X		X					X	X									
76-91				X		X		X		X	X	X		X	X	X				X	
76-93				X								X									
76-94	X		X	X		X	X		X		X	X				X				X	
76-95		X				X					X	X		X	X		X	X		X	
76-97											X										
78-25											X									X	
78-26																					
91		X																			
McMurdo Series																					
Budget DEE	X		X								X	X				X				X	
Crimp DEE												X									
High Density DEE			X				X					X					X				
Standard DEE	X		X	X		X						X		X		X	X	X			
M200	X		X								X	X			X	X	X				
Red Range			X			X					X	X		X		X	X				
ERG Series																					
DS														X						X	
Jumper Switch			X	X		X				X	X	X		X						X	
Rotary	X		X			X	X			X	X	X				X	X				
SCS										X	X	X								X	
SDC			X							X	X	X		X						X	
SDD											X	X									
SDES						X						X									
SDLS											X										
SDS			X			X				X	X	X		X			X				

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