

Selector Switches Standard



**RoHS
Compliant**



Specifications:

IP Rating	: IP65
Contact Resistance	: 25mΩ
Current Rating	: 10A
Height	: 21mm
Insulation Resistance	: 2MΩ
Insulation Resistance Voltage	: 500V DC
Operating Temperature	: -25°C to +70°C
Size	: 22mm

General Characteristics

Products	Push buttons, selector switches, latching mushroom head push buttons, pilot lights and illuminated push buttons
Reference standard	IEC 947-5-1/EN 60947-5-1, CSA C-22-2 n° 14
Protection degree	IP 65 according to IEC 947-1
Pollution degree	3
Temperature	-40°C to +70°C (storage) -25°C to +70°C (working)
Vibration resistance	Mushroom head push buttons : 8gn Other push buttons and pilot lights: 15gn (40 to 500Hz) conforming to IEC 68-2-6
Shock resistance	Push buttons : 70gn Mushroom head push buttons : 15gn Selector switches : 200gn Conforming to IEC 68-2-27
Working position	All working positions are allowed
Mechanical life	Push buttons and selector switches 1 million operations, emergency mushroom push buttons 300,000 operations

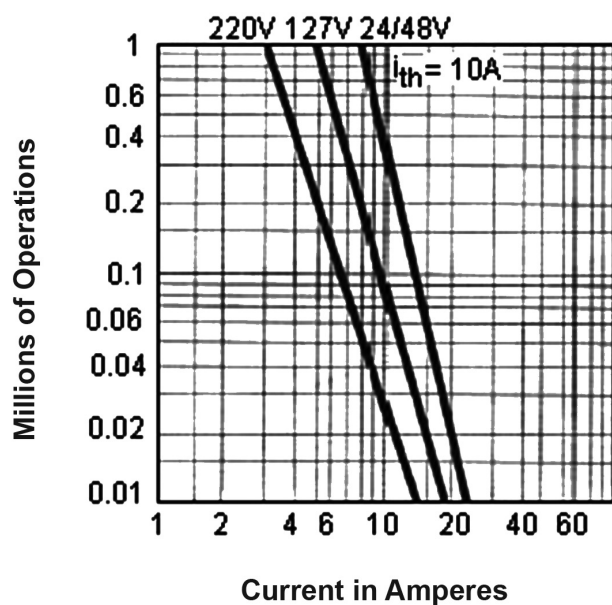
Contact Elements Characteristics

Rated thermal current	I_{th} 10A
Rated insulation Voltage	U_i 500V conforming to IEC 947 and CSA 22-2 n° 14
Insulation category	Group C conforming to NF C20-040, VDE 0110
Operating force	Push buttons - 1 'NO' = 10N, 1 'NC' = 8N Additional contacts - 'NO' = +5N, 'NC' = +3N
Dielectric strength	2.5kV for 1 minute

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Insulation resistance	2MΩ minimum (500 V DC)
Initial contact resistance	≤ 25mΩ
Shot circuits protection	10A 500V, cartridge fuse gl or N conforming to IEC 337-1
Terminal reference	Conforming to CENELEC EN 50013
Connections	On screw with non losable plate lamp sec. 2.5mm ² maximum (14AWG)
Contact operation	Self cleaning type, slow action, positive opening
Operation frequency	3,600 operations per hour
Utilization category	AC 15 (DC 13)
Rated power Conforming to IEC 947-5-1 Load factor AC supply (50/60 Hz)	DC supply Power broken in watts for 1 million operations Voltage : 24V 48V 120V Inductive load : 65W 48W 40W



AC Ratings, Inductive - NEMA A600

35% Power Factor

Volts	Makes Amperes	VA	Break Amperes	VA	Continuous Carrying Amperes	Resistive 75% Power Factor Make, Break and Continuous Amperes
120	60	7,200	6	720	10	10
240	30		3			
480	15		1.5			
600	12		1.2			

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DC Ratings, NEMA Type Q600

Inductive and Resistive

Volts	Make and Break	Continuous
125	55	2.5
250	0.27	
600	0.10	

Part Number Table

Description	Handle Type	Part Number
22mm Switches Switch 2POS	Stay Put	RCB2-BD2
22mm Switches Switch 3POS		RCB2-BD3
22mm Switches Switch 3POS SPR	Spring Return to Centre	RCB2-BDR3

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