



RAS-BCBNO



RAS-CBNO



RAS-BCBNC



RAS-CBNC

General Characteristics:

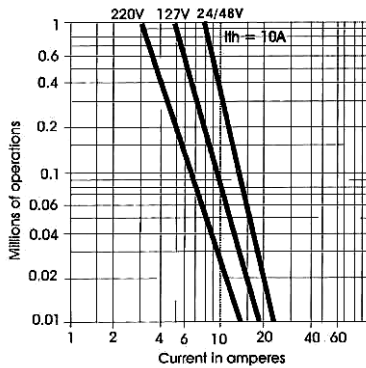
Products	: Push Buttons, Selector Switches, Latching Mushroom Head Push Buttons, Pilot Lights & Illuminated Push Buttons
Reference Standard	: IEC 60947-5-1, EN 60947-5-1, IEC 337-1
Protection Degree	: IP 65/IP 66 according to IEC 60947-1; NEMA4, 4X
Pollution Degree	: 3
Temperature	: -40°C to +70°C (Storage) -25°C to +70°C (Working)
Vibration Resistance	: Mushroom Head Push Buttons: 8g, Other Push Buttons & Pilot Lights: 15g (40 to 500Hz) confirming to IEC 68-2-6
Shock Resistance conforming to IEC 68-2-27	: Push Buttons: 70g, Mushroom Head Push Buttons: 15g, Selector Switches: 200g
Working Position	: All Working Position are Allowed
Mechanical Life	: Push Buttons & 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 60947-1
Insulation Category	: Group C conforming to NF C 20-040, 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
Insulation Resistance	: 2M Ω min (500V DC)
Initial Contact Resistance	: \leq 25m Ω
Short Circuits Protection	: 10A 500V, Cartridge Fuse g1 or N Conforming to IEC 337-1
Terminal Reference	: Conforming to CENELEC EN 50013
Connections	: On Screw to losable plate lamp Sec. 2.5mm ² max. (14AWG)
Contact Operation	: Self Cleaning Type, Slow Action, Positive Opening
Operation Frequency	: 3,600 Operation per hour
Utilization Category	: AC 15 (DC 13)
Rated Power	DC Supply
Conforming to IEC 60947-5-1	Power Broken in Watts
Load Factor: 0.5	for 1 million Operations

AC Supply (50/60Hz)	Voltage	24V	48V	120V
	Inductive Load	65W	48W	40W

Auxiliary Contact Block



AC Ratings, Inductive – NEMA A600

35% Power Factor

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

DC Ratings, NEMA Type Q600

Inductive and Resistive

Volts	Make & Break (Amp)	Continuous (Amp)
125	0.55	2.5
250	0.27	
600	0.1	

Part Number Table

Description	Part Number
Contact Block, 1NO	RAS-CBNO
Contact Block, 1NC	RAS-BCBNC
22mm Switches N/C Block	RAS-CBNC
22mm Switches N/O Block	RAS-BCBNO

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