

Control & Signalling Units ϕ 22mm (fixing)

Non-Illuminated Double Headed Push Buttons, Selector Switches & Key Switches (Type RB2-B)

(Control Units with Chromium plated metal bezel)

Operating Heads for Double Headed Push buttons, Spring Return w/o Pilot Light- IP40

Description	Marking	Colour	Reference
2 FLUSH PUSH BUTTONS W/O PILOT LIGHT	I O	■ ■	RB2-BA87



RB2-BA87

Operating Heads for Double Headed Push buttons, With Pilot Light - IP40

1 FLUSH PUSH BUTTON 1 PILOT LIGHT (IN CENTRE) 1 FLUSH PUSH BUTTON	I O	■ ■ ■	RB2BW9
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Available with assembly unit & with following options :

FILAMENT BULB	CLEAR
NEON BULB	●
LED	●

Operating Heads for Selector Switches - IP65

Description	Type	Operator	Reference
2 POSITION	STAY PUT	STANDARD HANDLE	RB2-BD2
		LONG HANDLE	RB2-BJ2
	SPRING RETURN TO CENTRE FROM RIGHT & LEFT	STANDARD HANDLE	RB2-BDR2
3 POSITION	STAY PUT	LONG HANDLE	RB2-BJR2
		STANDARD HANDLE	RB2-BD3
	LONG HANDLE	RB2-BJ3	
	SPRING RETURN	STANDARD HANDLE	RB2-BDR3
		LONG HANDLE	RB2-BJR3
	1 SPRING RETURN RIGHT TO CENTRE	STANDARD HANDLE	RB2-BD8
	1 SPRING RETURN LEFT TO CENTRE	LONG HANDLE	RB2-BJ8
	STANDARD HANDLE	RB2-BD7	
	LONG HANDLE	RB2-BJ7	



RB2-BW9



RB2-BD●

Operating Heads for Key Switches (Raas Key No. 455) - IP65

Description	Type	Key removal	Reference
2 POSITION	STAY PUT	LH POSITION	RB2-BG2
		RH POSITION	RB2-BG02
		ALL POSITIONS	RB2-BG4
	1 SPRING RETURN RIGHT TO LEFT	LH POSITION	RB2-BG7
3 POSITION	STAY PUT	CENTRE POSITION	RB2-BG3
		LH AND RH POSITION	RB2-BG5
		ALL 3 POSITIONS	RB2-BG0
		RH POSITION	RB2-BG09
		LH POSITION	RB2-BG9
	STAY PUT TO LEFT SPRING RETURN FROM RIGHT TO CENTRE	CENTRE POSITION	RB2-BG8
	SPRING RETURN TO CENTRE FROM RIGHT & LEFT	CENTRE POSITION	RB2-BG7



RB2-BJ●



RB2-BG●

Operating Heads with Black metal bezel

TO ORDER ADD SUFFIX '7' TO ABOVE

e.g. RB2-BG2

BECOMES

RB2-BG27

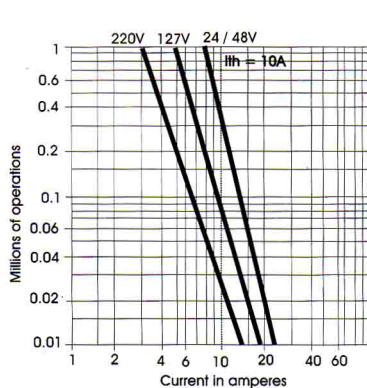
Characteristics

General Characteristics

Products	Push Buttons, Selector Switches, Latching Mushroom Head Push Buttons, Pilot Lights & Illuminated Push Buttons
Reference Standard	IEC 947-5-1, EN 60947-5-1, IEC 337-1, UL 508, CSA C-22-2 n° 14
Approval	U _L , C _{UL} &
Protection Degree	IP 65 / IP 66 according to IEC 947-1
Pollution Degree	3
Temperature	-40°C ~ + 70°C (Storage) -25°C ~ +70°C (Working)
Vibration Resistance	Mushroom head Push Buttons: 8g, Other Push Buttons & Pilot Lights: 15g (40 to 500 Hz) confirming to IEC 68-2-6
Shock Resistance	Push Buttons : 70g, Mushroom Head Push Buttons: 15g, Selector Switches : 200g confirming to IEC 68-2-27
Working Position	All working positions 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 947-1, UL 508 & CSA 22-2 n° 14								
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 Ohm min (500 VDC)								
Initial Contact Resistance	≤ 25 milli Ohm								
Short Circuits Protection	10A 500V, Cartridge Fuse gI or N conforming to IEC 337-1								
Terminal Reference	Conforming to CENELEC EN 50013								
Connections	On Screw with non loosable plate lamp Sec. 2.5mm ² max. (14 AWG)								
Contact Operation	Self Cleaning type, Slow action, Positive Opening								
Operation Frequency	3600 Operations per hour								
Utilization Category	AC 15 (DC 13)								
Rated Power	DC Supply								
Conforming to IEC 947-5-1	Power broken in watts								
Load factor : 0.5	for 1 million operations								
AC Supply (50/60 Hz)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Voltage</td> <td>24V</td> <td>48V</td> <td>120V</td> </tr> <tr> <td>Inductive Load</td> <td>65W</td> <td>48W</td> <td>40W</td> </tr> </table>	Voltage	24V	48V	120V	Inductive Load	65W	48W	40W
Voltage	24V	48V	120V						
Inductive Load	65W	48W	40W						



Volts	Make Amperes	VA	Break Amperes	VA	Continuous carrying Amperes	Resistive 75% Power factor Make, Break & continuous Amperes
120	60	7200	6	720	10	10
240	30	7200	3	720	10	10
480	15	7200	1.5	720	10	10
600	12	7200	1.2	720	10	10

DC Ratings, NEMA Type Q600 Inductive and resistive

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