

Control & Signalling Units ϕ 22.5mm Plastic

Accessories, Legend Plates & Reset Extended Push Buttons



RP2-B



RB2-RPX



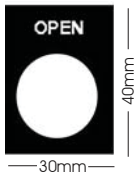
RP2-BZ41M



RB2-QC12



RB2 - K455



RB2-BY



RB2-BYN23**



RB2-B23**



Accessories

Description	Reference
Fixing Collar	RP2-B
Reset Plunger	RB2-RPX
Bulb Extractor for Ba 9s Bulbs	RB2-X13
Quick Connector for NO / NC Contact	RB2-QC12
Spare / Replacement Keys for Key	RB2-K455
Operating Units (Key No. 455)	
Padlocking Attachment (Makes Flush Operator Inaccessible)	RB2-BZ6
Panel Adaptor Converts 30mm Hole to 22mm Hole	RP2-BZ41M

Legend Plates

Plastic	Reference
Black Coated Legend Plates with Inscription in White Colour	RP2-BY**
Emergency Stop ϕ 60mm	RP2-PY9330
Emergency Stop ϕ 90mm	RP2-PY8330
Legend Holder	RB2-BY32
Legend Plate (Reversible)	RB2-B23**
Legend Plate with Holder	RB2-BYN23**

Legends (Replace ** with...)

Text	Code	Text	Code
Blank	2301	Emergency Stop	2330
Start	2303	Stop	2304
Forward	2305	Reverse	2306
Up	2307	Down	2308
On	2311	Off	2312
Open	2313	Close	2314
Auto	2315	Hand	2316
Reset	2323	Inch	2321
Slow	2327	Fast	2328
Auto - Hand	2364	Auto - O - Hand	2385
Hand Off Auto	2387	Low	2333
High	2334	High Low	2335
Off On	2336	Stop Start	2337
Up Down	2338		

Reset Extended Push Button

Description	Reference
Reset Extended Push Button (Round Type)	RCB2AL8R
Reset Extended Push Button (Hex Type)	RCB2AL8H



RCB2AL8R



RCB2AL8H

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Characteristics

General Characteristics

Products	Push Buttons, Selector Switches, Key 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, UL 508, CSA C-22-2 n° 14
Approval	UL*
Protection Degree	IP 65 / IP 66 according to IEC 60947-1;
Pollution Degree	3
Temperature	-40°C ~ + 70°C (Storage) -25°C ~ + 70°C (Working)
Vibration Resistance	\varnothing 60mm Mushroom Head Push Buttons: 8g, Other Push Buttons & Pilot Lights: 15g (40Hz<frequency<500 Hz) conforming to IEC 68-2-6
Shock Resistance	Push Buttons : 70g, Mushroom Head Push Buttons: 15g, Selector Switches : 200g conforming to IEC 68-2-27
Working Position	All working positions are allowed
Mechanical Life Push Buttons	Push Buttons & Selector Switches 1 million operations, Latching Emergency Mushroom 300,000 operations

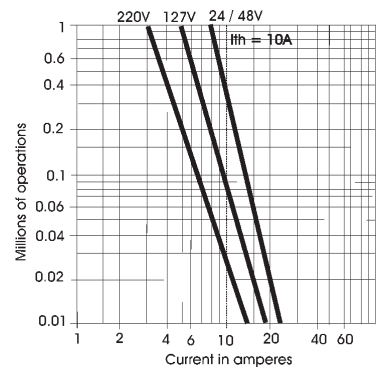
Contact Elements Characteristics

Rated Thermal Current I_{th}	10A
Rated Insulation Voltage U_i	500V conforming to IEC 60947-1, 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 g1 or N conforming to IEC 337-1
Cabling/Terminal Capacity	1x0.5mm ² ...2x1.5mm ²
Contact Operation	Slow action, Positive Opening
Rated Power	Conforming to IEC 60947-5-1; utilization categories AC 15 & DC 13

Standard Contact Blocks

AC Supply (50/60Hz)

∞ Inductive



DC Supply

Power broken in W

For 1 million operations

Voltage	24V	48V	120V
Inductive Load	65W	48W	40W

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	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 (Amp.)	Continuous (Amp.)
125	0.55	2.5
250	0.27	2.5
600	0.10	2.5

* Under Approval