

Accessories



RL1-CF■



RL1-CN■



RB2-BV004



RB2-BP004



RC-S



RCB2AL8R



RCB2AL8H

Bulbs

| Description | Supply Voltage | Colour | Reference |
|--|-------------------------|-----------|-----------|
| Incandescent Filament Lamp (Different wattage for various voltages) | 6V, 12V, 24V, 48V, 130V | Clear | RL1-CF■ |
| Neon BA 9s | 220V, 380V, 415V | ● Green | RL1-CN3■ |
| | | ● Natural | RL1-CN■ |

Lenses

| Description | Colour | Reference |
|---|---|------------|
| Set of Lens for (One Inner Diffuser & One outer lens) for Pilot Lamp Head | ○ White | RB2-BV001 |
| | ● Green | RB2-BV003 |
| | ● Red | RB2-BV004 |
| | ● Amber | RB2-BV005 |
| | ● Blue | RB2-BV006 |
| | ○ Clear | RB2-BV007 |
| | Set of Lens for (One Inner Diffuser & One outer lens) for Illuminating Actuator | ○ White |
| ● Green | | RB2-BW003 |
| ● Red | | RB2-BW004 |
| ● Amber | | RB2-BW005 |
| ● Blue | | RB2-BW006 |
| ○ Clear | | RB2-BW007 |
| Lenses for Illuminating LED & Neon* Actuator (Without Inner Diffuser) | | ○ White |
| | ● Green | RB2-BWL003 |
| | ● Red | RB2-BWL004 |
| | ● Amber | RB2-BWL005 |
| | ● Blue | RB2-BWL006 |
| | ○ Clear | RB2-BWL007 |
| | ● Yellow | RB2-BWL008 |

Boots

| Description | Colour | Reference |
|--|----------|-----------|
| Silicon Rubber Boots (for RB2-BP) Suitable for Oil & Humid Condition | ○ White | RB2-BP001 |
| | ● Black | RB2-BP002 |
| | ● Green | RB2-BP003 |
| | ● Red | RB2-BP004 |
| | ● Yellow | RB2-BP005 |
| | ● Blue | RB2-BP006 |
| Boots Suitable for Non-Illuminating Flush Pushbuttons (RB2-BA) | ○ Clear | RC-S |
| Boots Suitable for Illuminated Flush Pushbuttons (RB2-BW) | ○ Clear | RC-L |

Reset Extended Push Button

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

- '■' Replace with voltage
- '*' For Neon bulbs, only Green, Red & Amber is available.

Control & Signalling Units ϕ 22.5mm Metal

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, cUL, CSA, CE |
| 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 |

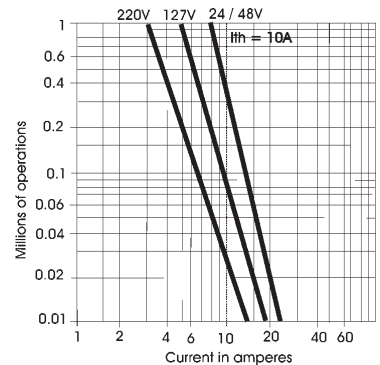
Contact Elements Characteristics

| | |
|--------------------------------|--|
| 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 |