RB2 SERIES ROCKER SWITCH

FEATURES & BENEFITS

• High Quality and Reliable Switch
• Industry Standard 22mm x 30mm Cutout
• Illumination Options
• Marking Options
• Multiple Terminal and Actuator Options
• Front Panel Mount Applications
• Optional Cap for Dust and Water Protection
• 2 Pole Maintained and Momentary Functions

APPLICATIONS / MARKETS

- Commercial Appliances
- Industrial Controls
- Floor Care Appliances
- Instrumentation
- Medical/Dental
- Electrical Housewares

SPECIFICATIONS

Electrical Rating:
Option C: 16A 125VAC T85 [cURus]
7.5A 250VAC T85 [cURus]
16(4)A 250V~ 1E4 T125/55 [ENEC]

Option D (2 Position Functions):
20A 125VAC T105 [cURus]
16A 250VAC T105 [cURus]
3/4HP 125VAC T105 [cURus]
3/4HP 250VAC T105 [cURus]
20(8)A 250V~ 1E4 T125/55 [VDE, ENEC]
10(2)A 250V~ 5E4 T85/55 [VDE, ENEC]
16(4)A 250V~ 1E4 T85/55 [VDE, ENEC]

Option E (3 Position Functions):
16A 125VAC T65 [cURus]
16A 250VAC T65 [cURus]

Operating Temperature: -20°C to 65°C
Electrical Life: 10,000 Cycles
Contact Resistance: 35mΩ Max. at 50VAC
Insulation Resistance: 100MΩ Min. at 500VDC
Dielectric Strength: 1,500VAC for 1 min.
Ingress Protection: IP54 with optional silicone cap

PART NUMBER CONFIGURATOR

Series Terminal Function Rating Body Color Actuator Color Marking Color Marking Type Lens Style Lens Color Lamp Voltage
RB2 1 - 4.8mm Tab 2 - Off-On 1 - Black 0 - Full Illumination None
4 - 6.3mm Tab 3 - Off-(On) 2 - Black 0 - None 0 - None
6 - On-On 3 - White 1 - Black 0 - None
8 - On-Off-On 4 - Almond 1 - White 1 - I/O Vertical
K - (On)-Off-(On) 4 - Grey 2 - White 2 - ON-OFF-ON Vertical
7 - Blue 4 - Grey 3 - ON-OFF Vertical
1 - Green 5 - Orange 4 - ON-OFF Vertical
5 - Red 6 - 125V 9 - I/O/Ii Horizontal
7 - Blue 7 - 250V R - I/O Horizontal
3 - Green 8 - 12V S - I/O/Ii Vertical
4 - Blue 9 - 24V

Notes:
Custom Colors and Markings Available Upon Request
( ) = Denotes Momentary Function
* = Only Available with the “C” Rating

Specifications subject to change without notice 8.14.2018
RB2 SERIES ROCKER SWITCH

BODY DIMENSIONS

<table>
<thead>
<tr>
<th>FUNCTION</th>
<th>POS. 1</th>
<th>POS. 2</th>
<th>POS. 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>OFF</td>
<td>NONE</td>
<td>ON</td>
</tr>
<tr>
<td>E</td>
<td>OFF</td>
<td>NONE</td>
<td>(ON)</td>
</tr>
<tr>
<td>G</td>
<td>ON</td>
<td>NONE</td>
<td>ON</td>
</tr>
<tr>
<td>H</td>
<td>ON</td>
<td>NONE</td>
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</tr>
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</tr>
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</table>

TERMINAL CLOSURE 2-3, 5-6 OPEN 2-1, 5-4

( ) = MOMENTARY

PANEL THICKNESS (x) TOLERANCE

<table>
<thead>
<tr>
<th>PANEL THICKNESS (x)</th>
<th>TOLERANCE</th>
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</thead>
<tbody>
<tr>
<td>0.75 - 1.25</td>
<td>30.0 +/- 0.1</td>
</tr>
<tr>
<td>1.25 - 2.00</td>
<td>30.2 +/- 0.1</td>
</tr>
<tr>
<td>2.00 - 3.00</td>
<td>30.5 +/- 0.1</td>
</tr>
</tbody>
</table>

Schematic Options

2 POLE VERSION SHOWN WITH C - RATED BODY TERMINAL - 5 (4.8mm TAB)
RB2 Series Rocker Switch

Body Dimensions

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TERMINAL CLOSURE: 2-1, 5-4 OPEN 2-3, 5-6

( ) = MOMENTARY

Panel Cutout

Schematic Options

2 Pole Version

Shown with D - Rated Body

Terminal - 4 (6.3mm Tab)
RB2 Series Rocker Switch

Body Dimensions

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<td>TERMINAL CLOSURE</td>
<td>2-1, 5-4</td>
<td>OPEN</td>
<td>2-3, 5-6</td>
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() = MOMENTARY

Panel Thickness

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<tbody>
<tr>
<td>0.75 - 1.25</td>
<td>30</td>
<td>+/- 0.1</td>
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<td>30.2</td>
<td>+/- 0.1</td>
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<td>30.5</td>
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Panel Cutout

Schematic Options

2 Pole Version
Shown with E - Rated Body
Terminal - 4 (6.3mm TAB)
**RB2 Series Rocker Switch**

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**TERMINAL CLOSURE**

- 2-1, 5-4: OPEN
- 2-3, 5-6: 2-POSITION

\( ( ) = 	ext{MOMENTARY} \)

### Panel Cutout

- **2-POSITION ILLUMINATED**
  - Panel Thickness: \( x \)
  - Tolerance: \( \pm 0.1 \)
  - Values:
    - 0.75 - 1.25: 30.0
    - 1.25 - 2.00: 30.2
    - 2.00 - 3.00: 30.5

### Schematic Options

- **2 POLE VERSION**
  - Shown with E-rated body
  - Terminal - 4 (6.3mm Tab)
  - ACC-F02-1 (Silicone Cap)
RB2 Series Rocker Switch

Illumination Type/Marking Type

Illumination Type

Marking Type

0 - NONE
1 - I/O VERTICAL
2 - ON-OFF-ON VERTICAL
3 - ON-OFF VERTICAL
4 - ON-OFF HORIZONTAL
9 - I/O/II HORIZONTAL
R - I/O HORIZONTAL
S - I/O/II VERTICAL