ENVIRONMENTALLY SEALED ROCKER SWITCHES

Environmentally Sealed Rocker Switches with Removable Button (RB Series)

FEATURES

- Environmentally sealed
- 1, 2 and 4 pole circuitry
- 2 \& 3 position with maintained and
momentary action
- Rocker button is removable for decal
or icon interchangeability
- Multi-circuit
- Panel mounting variations

Flush panel
Sub-panel

- Rocker button variations

Smooth and serrated in opaque
colors
Transparent
Translucent

## SPECIFICATIONS

- Watertight per MIL-STD-108E and designed to meet IP68
- UL recognized and CSA certified
- Temperature range: $-55^{\circ} \mathrm{F}$ to $+150^{\circ} \mathrm{F}$
$\left(-46^{\circ} \mathrm{C}\right.$ to $\left.+66^{\circ} \mathrm{C}\right)$
- Life: 20,000 operations at rated load 40,000 operations mechanical life

CURRENT RATINGS

| No. of <br> Poles | Catalog <br> Number | Type of <br> Operation | 28VDC |  |  | 115VAC <br> $\mathbf{6 0}$ or 400Hz |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Resistive <br> Load | Inductive <br> Load | Lamp <br> Load | Resistive <br> Load | Inductive <br> Load | Lamp <br> Load |
| 1 | 8543 | Maintained | 20 | 15 | 5 | 15 | 10 | 3 |
|  |  | Momentary | 15 | 10 | 4 | 15 | 7 | 2 |
| 2 | 8544 | Maintained | 20 | 15 | 7 | 15 | 15 | 4 |
|  |  | Momentary | 18 | 10 | 5 | 11 | 8 | 2 |
| 4 | 8545 | Maintained | 20 | 12 | 5 | 15 | 15 | 4 |
|  |  | Momentary | 18 | 10 | 4 | 11 | 8 | 2 |

NOTE: See page C28 for UL \& CSA Current Ratings

## WHEN ORDERING SPECIFY

- Catalog number of base switch followed by suffix letters and numbers for mounting bracket, rocker color and style as listed in selection table.

Order Example:


SELECTION TABLE
CIRCUIT WITH LEVER IN


SUFFIX NUMBERS \& LETTERS - ADD TO BASE CATALOG NUMBER

| Up <br> Position | Center <br> Position | Down 11 <br> Position <br> (Keyway) |  | Single |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Pole |  |  |  |  |


| ON | OFF | ON | 8543K1 | 8544K1 | 8545K1 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ON | NONE | OFF | K9 | K9 | K9 |  |  |  |  |  |  |
| ON | NONE | ON | K4 | K4 | K4 |  |  |  |  | White | M |
| ON | OFF | NONE | K6 | K6 | K6 |  |  | Serrated | 32 |  |  |
| ON | NONE | ON* | K5 | K5 | K5 |  |  |  |  |  |  |
| * ON | OFF | ON* | K2 | K2 | K2 | Flush |  |  |  | Red | T |
| NONE | OFF | ON* | K7 | K7 | K7 | Panel | T |  |  |  |  |
| ON | NONE | OFF* | K10 | K10 | K10 |  |  |  |  |  |  |
| OFF | NONE | ON* | K11 | K11 | K11 |  |  |  |  |  |  |
| ON | OFF | ON* | K3 | K3 | K3 |  |  |  |  | Black | V |
| * ON | ON | NONE | K12 | K12 | K12 |  |  | Smooth | 33 |  |  |
| ON | ON | NONE | K13 | K13 | K13 |  |  |  |  |  |  |
| ON | ON | ON |  | K14 |  |  |  |  |  |  |  |
| ON | ON | ON* |  | K15 |  |  |  |  |  | Translucent | L |
| * ON | ON | ON* |  | K16 |  | Panel | W |  |  |  |  |
| ON | ON | ON |  | K17 | K15 |  |  |  |  |  |  |
| ON | ON | ON* |  | K18 | K16 |  |  |  |  |  |  |
| * ON | ON | ON* |  | K19 | K17 |  |  | No Rocker | 34 | Transparent | P |
| ON | ON/OFF | ON |  |  | K20 |  |  |  |  |  |  |
| * ON | ON/OFF | ON* |  |  | K21 |  |  |  |  |  |  |

[^0]
## REPLAGEMENT SMOOTH BUTTON SELECTION TABLE

| Color | Part Number |
| :--- | :--- |
| White | $53-2161-2$ |
| Red | $53-2161-3$ |
| Black | $53-2161-4$ |
| Translucent | $53-2415$ |
| Transparent | $53-2161-6$ |

Series - 8543, 8544, 8545

DIMENSIONS - ONE POLE / 8543


DIMENSIONS - FOUR POLE / 8545


STANDARD
$0.00=$ inches
$[0,0]=\mathrm{mm}$

Mounting dimensions for reference only.

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DIMENSIONS -TWO POLE / 8544


## OPTIONS/ACCESSORIES

- Special color rockers
- Hot stamped lettering on rockers - smooth rockers only
- Spade terminals
- Special spade terminal adapters 0.250 " $[0,63]$
- Special marking on switches
- Optional Actuator


## RECOMMENDED PANEL CUT-OUT




[^0]:    * Momentary contact.

    See pages C26-C27 and C29-C31 for circuit diagrams.
    (1) Identification lug side.
    (2) Incomplete Catalog Number - add suffix letters and numbers for Mounting Bracket, Rocker Style and Rocker Color - see "When Ordering Specify."

