

8500 Rocker Switches - Miniature

10A 250Vac Single & Double Contact



Key Features

- Miniature rocker switch
- Ratings up to 15A, 250Vac
- Single & double contact in same body size
- Illuminated & non-illuminated
- Matching indicators
- Industry standard panel cut-out
- Rotary and push button actuator options
- Panel cut out: 19.3 x 12.9

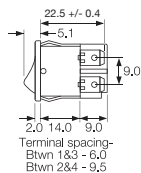
Approvals and specifications

- 10(6)A 250Vac T125 IE4 (non lit types)
6(4)A 250Vac T125 5E4 (50,000 Operations)
10(6)A 250Vac T100 (lit types)
- UL CSA 15A Non Ind 250Vac, 14A Ind 250Vac, 10A 277Vac
UL CSA 250Vac 1/2hp, 125Vac 1/4hp
UL 105°C, (non lit) file E45221, CSA file LR10990
- 85A inrush current (in-house test)
- 3mm contact gap.

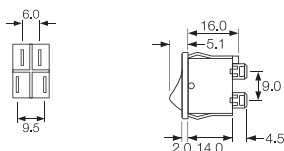
| Terminal | Function | Rocker | Body | Body Colour | Rocker Colour | | | | | | | | |
|--|--|--|---|-----------------------|----------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------------------|---|
| <p>H</p> <p>4.8 x 0.8 8.5</p> | <p>ON OFF Switches are ON when pressed over terminal 1</p> | <p>H Slotted for custom caps</p> | <p>B Standard body with terminal barrier</p> <p>Panel cut out: 12.9 x X Bezel: 15.0 x 21.0</p> | <p>B Black</p> | <p>Un-Lit B Black</p> | | | | | | | | |
| <p>K</p> <p>2.6 x 0.8 8.5</p> | <p>8500</p> <p>ON - OFF Single contact (Uses terminals 1a & 2a)</p> | <p>R Semi-rotary (not lit)</p> | <p>BC Body without terminal barrier</p> <p>Panel cut out: 12.9 x X Bezel: 15.0 x 21.0</p> <p>Dimensions for snap-in fixing</p> <table border="1"> <thead> <tr> <th>Panel thickness</th> <th>Dim X</th> </tr> </thead> <tbody> <tr> <td>0.75-1.25</td> <td>19.1/19.2</td> </tr> <tr> <td>1.25-2.00</td> <td>19.3/19.4</td> </tr> <tr> <td>2.00-3.00</td> <td>19.7/19.8</td> </tr> </tbody> </table> <p>Out-outs must be punched in the direction of insertion</p> | Panel thickness | Dim X | 0.75-1.25 | 19.1/19.2 | 1.25-2.00 | 19.3/19.4 | 2.00-3.00 | 19.7/19.8 | <p>R Red</p> | <p>R Red</p> <p>W White</p> |
| Panel thickness | Dim X | | | | | | | | | | | | |
| 0.75-1.25 | 19.1/19.2 | | | | | | | | | | | | |
| 1.25-2.00 | 19.3/19.4 | | | | | | | | | | | | |
| 2.00-3.00 | 19.7/19.8 | | | | | | | | | | | | |
| <p>L</p> <p>2.6 x 0.8 3.2</p> <p>Right angle version of K terminal available on 8500 only</p> | <p>8503</p> <p>ON (lit) - OFF Single contact</p> | <p>D Paddle lever (not lit)</p> | <p>BC Body without terminal barrier</p> <p>Panel cut out: 12.9 x X Bezel: 15.0 x 21.0</p> <p>Dimensions for snap-in fixing</p> <table border="1"> <thead> <tr> <th>Panel thickness</th> <th>Dim X</th> </tr> </thead> <tbody> <tr> <td>0.75-1.25</td> <td>19.1/19.2</td> </tr> <tr> <td>1.25-2.00</td> <td>19.3/19.4</td> </tr> <tr> <td>2.00-3.00</td> <td>19.7/19.8</td> </tr> </tbody> </table> <p>Out-outs must be punched in the direction of insertion</p> | Panel thickness | Dim X | 0.75-1.25 | 19.1/19.2 | 1.25-2.00 | 19.3/19.4 | 2.00-3.00 | 19.7/19.8 | <p>W White</p> | <p>Lit A Amber</p> |
| Panel thickness | Dim X | | | | | | | | | | | | |
| 0.75-1.25 | 19.1/19.2 | | | | | | | | | | | | |
| 1.25-2.00 | 19.3/19.4 | | | | | | | | | | | | |
| 2.00-3.00 | 19.7/19.8 | | | | | | | | | | | | |
| <p>R</p> <p>4.8 x 0.8 4.5</p> | <p>8553</p> <p>ON (lit) - OFF Double contact</p> | <p>V Curved (not lit)</p> | <p>BC Body without terminal barrier</p> <p>Panel cut out: 12.9 x X Bezel: 15.0 x 21.0</p> <p>Dimensions for snap-in fixing</p> <table border="1"> <thead> <tr> <th>Panel thickness</th> <th>Dim X</th> </tr> </thead> <tbody> <tr> <td>0.75-1.25</td> <td>19.1/19.2</td> </tr> <tr> <td>1.25-2.00</td> <td>19.3/19.4</td> </tr> <tr> <td>2.00-3.00</td> <td>19.7/19.8</td> </tr> </tbody> </table> <p>Out-outs must be punched in the direction of insertion</p> | Panel thickness | Dim X | 0.75-1.25 | 19.1/19.2 | 1.25-2.00 | 19.3/19.4 | 2.00-3.00 | 19.7/19.8 | <p>R Red</p> | <p>G Green</p> <p>C Clear</p> <p>R Red</p> |
| Panel thickness | Dim X | | | | | | | | | | | | |
| 0.75-1.25 | 19.1/19.2 | | | | | | | | | | | | |
| 1.25-2.00 | 19.3/19.4 | | | | | | | | | | | | |
| 2.00-3.00 | 19.7/19.8 | | | | | | | | | | | | |
| <p>T</p> <p>4.8 x 0.8 8.5 +/- 0.4</p> <p>Solder</p> | <p>8580</p> <p>Available with H terminals only</p> <p>Indicator UL/CSA E83363</p> | <p>X Two colour (not lit)</p> | <p>BC Body without terminal barrier</p> <p>Panel cut out: 12.9 x X Bezel: 15.0 x 21.0</p> <p>Dimensions for snap-in fixing</p> <table border="1"> <thead> <tr> <th>Panel thickness</th> <th>Dim X</th> </tr> </thead> <tbody> <tr> <td>0.75-1.25</td> <td>19.1/19.2</td> </tr> <tr> <td>1.25-2.00</td> <td>19.3/19.4</td> </tr> <tr> <td>2.00-3.00</td> <td>19.7/19.8</td> </tr> </tbody> </table> <p>Out-outs must be punched in the direction of insertion</p> | Panel thickness | Dim X | 0.75-1.25 | 19.1/19.2 | 1.25-2.00 | 19.3/19.4 | 2.00-3.00 | 19.7/19.8 | <p>R Red</p> | <p>A Softline lens</p> |
| Panel thickness | Dim X | | | | | | | | | | | | |
| 0.75-1.25 | 19.1/19.2 | | | | | | | | | | | | |
| 1.25-2.00 | 19.3/19.4 | | | | | | | | | | | | |
| 2.00-3.00 | 19.7/19.8 | | | | | | | | | | | | |
| | | <p>P Push button operation (8500 only) See drawing opposite</p> | | | | | | | | | | | |

Dimensions

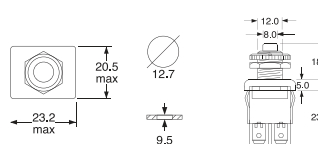
“B” body with barrier for H, T and K terminals




“BC” body w/o barrier primarily for L or R terminals (can be used for all terminals)



‘PO’ Actuator and body - push button function (8500 only)



| Insert Colour | Lamp Voltage | Legend | Legend Colour | Options |
|---|--------------------------|------------|-------------------|--|
| X Rocker Only | Blank | Blank | Blank | <p>Finish Matt finish only.</p> <p>Colour Call sales for custom colours. A full range is available for large orders.</p> <p>Legend printing Select from the examples or call sales for custom legends.</p> <p>Lamp voltage Call sales for details of available voltages.</p> <p>Protective cover L167 Snaps on to bodies with V or X style rockers and A lens. This reduces panel thickness by 0.8mm.</p>  |
| R Red | 2 125V Neon | 076 | B Black | |
| W White | 3 250V Neon | | W White | |
| Blank Leave blank for other Rocker types | 7 12V Filament | | | |
| | 8 24V Filament | | | |

Examples



H8500VB ---
T8500VB ---



H8550VB ---
T8550VB ---



H8550HB ---
T8550HB ---



H8550XB ---
T8550XB ---



H8550RB Semi-rotary
A splash proofing option



H8500PO ---
Pushbutton option



H8553VB ---
T8553VB ---



H8580AB ---