

# 8300 Push Button Switches 8(8)A 250Vac & 12(12)A 250Vac



- ▶ Miniature push button
- ▶ 8A Inductive current rating
- ▶ Ratings up to 12(12)A, 250V ac (H suffix)
- ▶ Illuminated and non-illuminated
- ▶ Single and double pole
- ▶ Latching and momentary
- ▶ Slotted actuator for custom buttons
- ▶ Industry standard panel cutout
- ▶ BioCote antimicrobial option
- ▶ Panel cut out: 19.3 x 12.9

## Approvals and specifications



16(4)A 250Vac T85, 1E4 (10,000 Operations)  
12(12)A 250Vac T105, 1E4 (10,000 Operations)  
8(8)A 250Vac T105, 5E4 (50,000 Operations)  
6(6)A 250Vac T125, 5E4 (50,000 Operations)



12A 250Vac DP, 13A 250Vac SP  
250Vac 1hp, 125Vac 1/2hp  
UL 85°C, file E45221, CSA file LR10990

## In house test:

10(10)A 250Vac — Indicative rating only



BioCote antimicrobial additive. Independently verified to ISO22196:2007.

3mm contact gap.

Technical data on pages 4 & 5 (switches), 6 (indicators).

**H 8353 J E H -- B**

TERMINAL    FUNCTION    ACTUATOR    BODY    HIGHER RATING    PRINT, COLOUR, ETC    BioCote

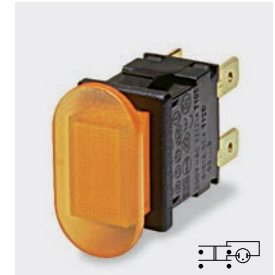
| TERMINAL                                                                                                                                                                                                                                                                                                                                                                                  | FUNCTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ACTUATOR                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>C</b></p> <p>6.3 x 0.8</p> <p><b>H</b></p> <p>4.8 x 0.8</p> <p><b>A</b></p> <p>As "H" but right angle<br/>4.8 x 0.8</p> <p><b>K</b></p> <p>2.6<br/>1.5<br/>8.5<br/>2.8 x 0.8</p> <p><b>T</b></p> <p>2.6<br/>1.5<br/>7.0<br/>Solder</p> <p><b>X</b></p> <p>4.5<br/>7.0<br/>PCB 0.8 Sq</p> <p><b>V</b></p> <p>4.3<br/>3.7Ctrs<br/>Dual pin PCB<br/>(Call sales for mounting dims)</p> | <p>Approvals &amp; ratings vary with function<br/>Single pole switches use terminals 1 &amp; 2 (&amp; 3)</p> <p><b>8300</b> ON - OFF Single pole</p> <p><b>8301</b> ON - OFF (momentary ON) Single pole</p> <p><b>8303</b> ON - OFF with light Single pole</p> <p><b>8304</b> ON - OFF (momentary ON) with light Single pole</p> <p><b>8350</b> ON - OFF Double pole</p> <p><b>8351</b> ON - OFF (momentary ON) Double pole</p> <p><b>8353</b> ON - OFF with light Double pole</p> <p><b>8354</b> ON - OFF (momentary ON) with light Double pole</p> <p><b>8355</b> ON - OFF Single pole<br/>Isolated light - switched<br/>C, E &amp; M actuators only</p> <p><b>8356</b> ON - OFF Single pole<br/>Isolated light - unswitched<br/>C, E &amp; M actuators only</p> | <p><b>A</b> Standard actuator</p> <p><b>H</b> Slotted for custom caps<br/>Slots for snap-in buttons</p> <p><b>C</b> Square actuator</p> <p><b>E</b> Radiused actuator</p> <p><b>F</b> Small round actuator</p> <p><b>J</b> Smooth curved actuator</p> <p><b>M</b></p> <p><b>D</b> Large round actuator</p> <p>All actuators except H available lit</p> |



H8350AB ---  
T8350AB ---



H8353JE ---  
T8353JE ---



H8353EB ---  
T8353EB ---



H8353CB ---  
T8353CB ---



H8350DB ---  
T8350DB ---



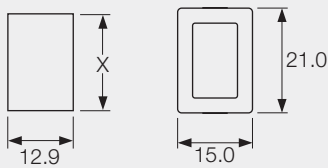
H8350HB ---  
Example of button

push  
switches

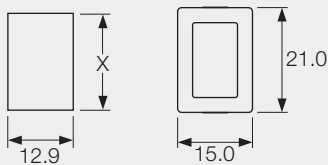
## BODY

Panel cut-out Bezel  
Cut-outs must be punched in the direction of insertion

### B Standard body



### E Softline style body with radiused bezel



Dimensions for snap-in fixing

| Panel thickness | Dimension X |
|-----------------|-------------|
| 0.75-1.24       | 19.1/19.2   |
| 1.25-1.99       | 19.3/19.4   |
| 2.00-3.00       | 19.7/19.8   |

X and V PCB terminals.  
Additional dummy terminals may be supplied for extra support.

## OPTIONS

**H**  
12(12)A 250Vac switch rating

**Finish**  
Matt finish standard except on J and D actuators which are gloss

**Colour**  
Call sales for custom colours  
A full range is available for large orders

**Legend printing**  
Select from the examples or call sales for custom legends

**Special buttons**  
Some of the many options are shown  
Call sales for the full range

**L167 Protective cover**  
(designed to IP65)



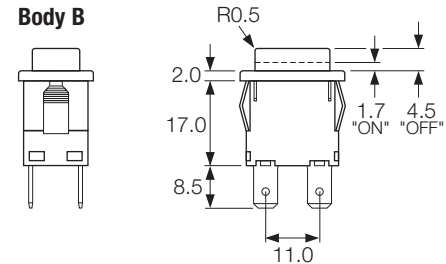
Snap on to switch bodies fitted with "A" or "J" style actuators, this reduces panel thickness by 0.8mm

**BioCote Antimicrobial Additive**  
Moulded components have antimicrobial properties using BioCote silver ion technology.

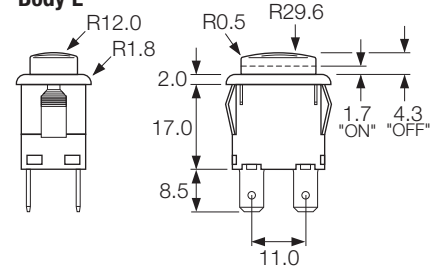


## DIMENSIONS (mm)

**Actuator A**  
**Body B**



**Actuator J**  
**Body E**



Spacing between centre of terminals 1 & 3 or 2 & 4 is 10.0mm

## Examples of printing



EN1153



EN1152