

# 8800 Thinline Rocker Switches 10A 250Vac

rocker switches



- ▶ Ultra thin rocker switch
- ▶ Ratings up to 15A, 250Vac
- ▶ Single and twin gang
- ▶ Panel cut out:  
Single 19.3 x 6.8  
Twin 19.3 x 13.4

## Approvals and specifications



**10(6)A 250Vac T100**  
**6(2)A 250Vac T100 5E4 (50,000 Operations)**  
**Inrush 50A to EN60065:1998**



**UL CSA 15A 250Vac (Twin unit is 10A 250Vac)**  
**UL CSA 125Vac 1/2hp**  
**UL 100°C, file E45221, CSA file LR10990**

3mm contact gap.  
 Technical data on pages 4 & 5.

**H 8800 V A - - -**

TERMINAL FUNCTION ROCKER BODY PRINT, COLOUR, ETC

▶ TERMINAL	▶ FUNCTION		▶ ROCKER
<p><b>H</b></p> <p>4.8 x 0.8</p>		<p>Switches are ON when pressed over terminal 1</p>	<p><b>V</b> Curved</p>
	<b>8800</b>	<p>ON - OFF Single pole</p>	
<p><b>T</b></p> <p>3.5 x 0.8 Solder</p>		<p>Switches are ON when pressed over terminals 1 or 3</p>	
	<b>8800/8800</b>	<p>ON - OFF Twin (Single pole)</p>	
<p><b>X</b></p> <p>0.8Sq Solder *</p> <p>*Available for single switch only, not twin</p>			



**BODY**

**A Single pole**

Panel cut-out      Bezel

\*Optional profile for orientation

**A Single pole - Twin**

Panel cut-out      Bezel

\*Optional profile for orientation

Panel thickness	Dim 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

Cut-outs must be punched in the direction of insertion

**OPTIONS**

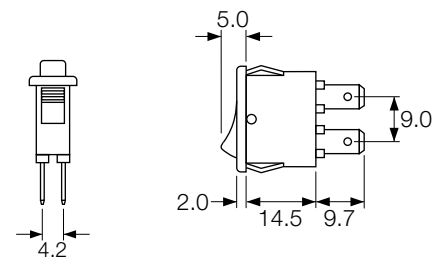
**Finish**  
Matt finish only.

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

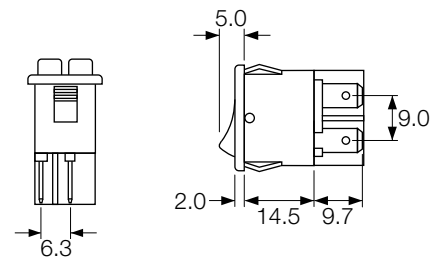
**Legend printing**  
Select from the examples or call sales for custom legends.

**Dimensions (mm)**

**8800VA** (H terminals shown)



**8800V/8800VA** (H terminals shown)



**Examples of printing**



# 8500 Rocker Switches - Miniature 10A 250Vac Single & Double Pole



- ▶ Miniature rocker switch
- ▶ Ratings up to 15A, 250Vac
- ▶ High inrush tolerance
- ▶ Single & double pole in same body size
- ▶ Illuminated & non-illuminated
- ▶ Matching indicators
- ▶ Industry standard panel cut-out
- ▶ Rotary and push button actuator options
- ▶ BioCote antimicrobial option
- ▶ 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**



**BioCote antimicrobial additive. Independently verified to ISO22196:2007.**

3mm contact gap.  
 Technical data on pages 4 & 5 (switches), 6 (indicators).

## H 8550 V B--- B

TERMINAL    FUNCTION    ROCKER    BODY    PRINT, COLOUR, VOLTAGE ETC    BioCote

TERMINAL	FUNCTION	ROCKER
<p><b>H</b></p> <p>4.8 x 0.8</p>	<p>Approvals &amp; ratings vary with function</p> <p>ON OFF Switches are ON when pressed over terminal 1</p>	<p><b>H</b> Slotted for custom caps</p> <p>Slots for snap-in buttons</p>
<p><b>K</b></p> <p>2.8 x 0.8</p>	<p><b>8500</b></p> <p>ON - OFF Single pole (Uses terminals 1a &amp; 2a)</p>	<p><b>R</b> Semi-rotary (not lit)</p>
<p><b>L</b></p> <p>2.8 x 0.8</p> <p>Right angle version of K terminal available on 8500 only</p>	<p><b>8503</b></p> <p>ON (lit) - OFF Single pole</p>	<p><b>D</b> Paddle lever (not lit)</p>
<p><b>R</b></p> <p>4.8 x 0.8</p>	<p><b>8550</b></p> <p>ON - OFF Double pole</p>	<p><b>V</b> Curved (not lit)</p>
<p><b>T</b></p> <p>4.8 x 0.8</p> <p>Solder</p>	<p><b>8553</b></p> <p>ON (lit) - OFF Double pole</p>	<p><b>X</b> Two colour (not lit)</p>
	<p><b>8580</b></p> <p>Available with H terminals only</p> <p>Indicator</p>	<p><b>A</b> Softline lens</p>
		<p><b>P</b> Push button operation (8500 only) See drawing opposite</p>



H8500VB ---  
T8500VB ---



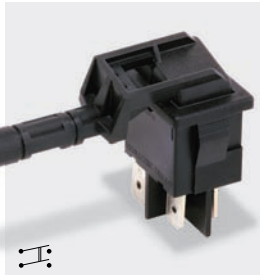
H8550VB ---  
T8550VB ---



H8550HB ---  
T8550HB ---



H8550XB ---  
T8550XB ---



H8550RB Semi-rotary  
A splash proofing option



H8500PO ---  
Pushbutton option



H8553VB ---  
T8553VB ---

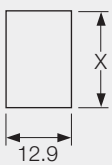


H8580AB ---

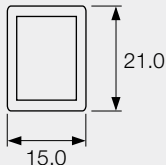
**BODY**

**B**  
Standard body with terminal barrier

Panel cut-out

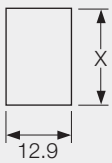


Bezel

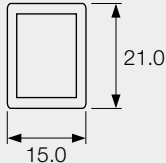


**BC**  
Body without terminal barrier

Panel cut-out



Bezel



Dimensions for snap-in fixing

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

Cut-outs must be punched in the direction of insertion

**OPTIONS**

**Finish**

Matt finish only.

**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.

**Lamp voltage**

Call sales for details of available voltages.

**Protective cover L167**

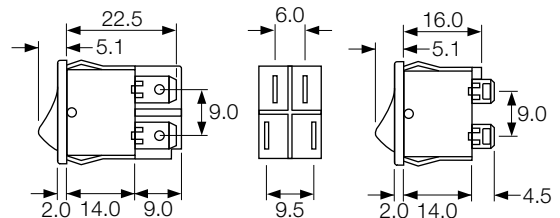
Snaps on to bodies with V or X style rockers and A lens. This reduces panel thickness by 0.8mm.



**BioCote Antimicrobial Additive**

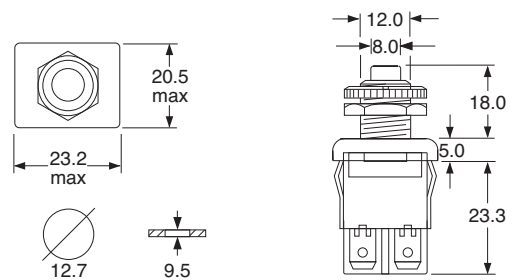
Moulded components have antimicrobial properties using BioCote silver ion technology.

**DIMENSIONS (mm)**



"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)

**Examples of printing**



CL076



CL080

# 8600 Rocker Switches - Miniature 10A 250Vac Single & Double Pole

rocker switches



- ▶ Miniature rocker switch
- ▶ Ratings up to 16A, 250Vac
- ▶ Single & double pole
- ▶ ON/OFF, C/O, biased and centre off switching
- ▶ Push on, solder and PCB terminals
- ▶ Illuminated and non-illuminated
- ▶ Matching indicators
- ▶ Panel cut out single: 19.3 x 12.9 double: 19.3 x 21.9

## Approvals and specifications



**10(4)A 250Vac T90** (unless noted below)



**UL CSA See ratings below**  
**UL 65°C, file E45221, CSA file LR10990**

3mm contact gap except where marked  $\mu$ .  
Technical data on pages 4 & 5 (switches), 6 (indicators).

**H 8653 V B ---**

TERMINAL    FUNCTION    ROCKER    BODY    PRINT, COLOUR, VOLTAGE ETC

TERMINAL	FUNCTION	ROCKER
<b>H</b>  4.8 x 0.8	Approvals & ratings vary with function  ON - OFF  ON - OFF (momentary ON)  ON - OFF (momentary OFF)  ON - OFF Lit	<b>V Curved</b>   <b>V Curved (lit)</b>   <b>H Slotted for actuator</b> (8600 and 8610 only) 
<b>T</b>  3.5 x 0.8 Solder	ON - ON  ON - ON (momentary 1 side)  ON - OFF - ON	<b>H Slotted for actuator</b> (8600 and 8610 only)   <b>F Flat</b> Indicator only (Single pole) 
<b>X</b>  PCB 0.8 Sq	ON - ON  ON - ON (momentary 1 side)  ON - OFF - ON  Indicator	<b>H Slotted for actuator</b> (8600 and 8610 only)   <b>F Flat</b> Indicator only (Single pole) 
Double Pole switches with "X" terminals are supplied without terminal barriers	ON - ON  ON - ON (momentary 1 side)  ON - OFF - ON  Indicator	<b>H Slotted for actuator</b> (8600 and 8610 only)   <b>F Flat</b> Indicator only (Single pole) 



H8600VB ---  
T8600VB ---



H8600VB ---  
T8600VB ---



H8630FB ---  
T8630FB ---



H8650VB ---  
T8650VB ---



H8660VB ---  
T8660VB ---

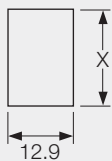


H8653VB ---  
T8653VB ---

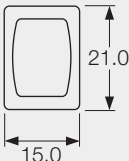
## BODY

### B Single pole

Panel cut-out



Bezel

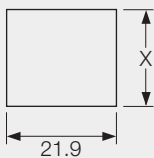


Single Pole dimensions for snap-in fixing

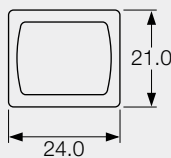
Panel thickness	Dimension X
0.75-1.24	19.1/19.2
1.25-1.99	19.3/19.4
2.00-3.00	19.7/19.8

### B (Double Pole) with terminal barrier BC (Double Pole) w/o terminal barrier

Panel cut-out



Bezel



Double Pole 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

Cut-outs must be punched in the direction of insertion

## OPTIONS

### Finish

Matt finish only.

### 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 legend.

### Lamp voltage

Call sales for details of available voltages.

### Blanking plate A8634FB

Dummy unit to fill unused panel holes.  
Single pole size only.

### Protective covers

#### L167 for SP

#### L180 for DP

Snap on to bodies with V rocker or F lens. This reduces panel thickness by 0.8mm.

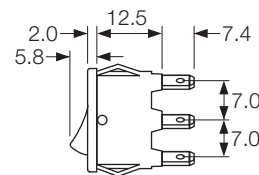


### Single Pole options

Most switches shown can have single pole switching in double pole bodies.

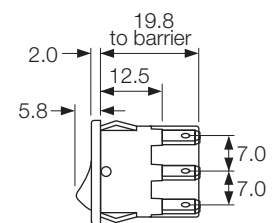
## DIMENSIONS (mm)

### Single pole



Terminals shown are "H" 4.8 push on type

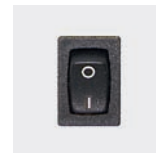
### Double pole



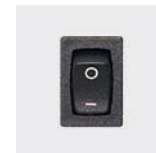
Terminal spacing 10.2 between pole centres

For 8620 and 8670 dimensions see page 16

## Examples of printing



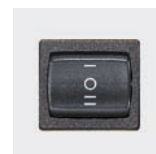
CL076



CL080



CL141



CL142



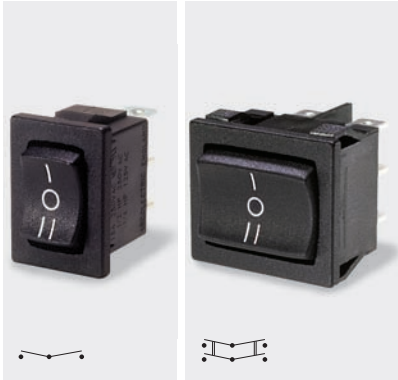
CL059



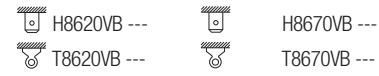
CL058

# 8620 & 8670 Rocker Switches - 3 Positions 10A 250Vac

rocker switches



- ▶ 3 position miniature rocker switch
- ▶ Ratings up to 15A, 250Vac
- ▶ Single & double pole
- ▶ Centre off switching
- ▶ Push on, solder and PCB terminals
- ▶ Matching indicators
- ▶ Panel cut out:  
single: 19.3 x 12.9  
double: 19.3 x 21.9



## Approvals and specifications



10(4)A 250Vac T90



- UL CSA 15A 277Vac (Single pole)
- UL CSA 250Vac 1/2hp (Single pole)
- UL CSA 125Vac 1/4hp (Single pole)
- UL CSA 10A 277Vac (Double pole)
- UL CSA 277Vac 1/2hp (Single & Double pole)
- UL 90°C, file E45221, CSA file LR10990

μ contact gap.  
Technical data on pages 4 & 5.

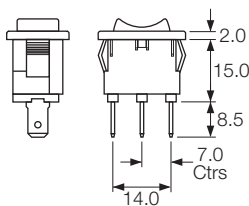
**H 8620 V B - - -**

TERMINAL FUNCTION ROCKER BODY PRINT, COLOUR, ETC

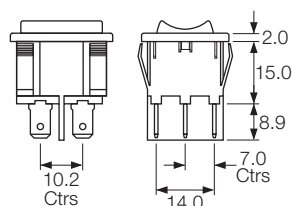
▶ TERMINAL	▶ FUNCTION	▶ ROCKER	▶ BODY	▶ OPTIONS
<p><b>H</b></p> <p>4.8 x 0.8</p>	<p><b>8620</b></p> <p>ON - OFF - ON Single pole</p>	<p><b>V</b> Curved</p>	<p><b>B</b> Single pole</p> <p>Panel thickness: 0.75-1.24, 1.25-1.99, 2.00-3.00 Dim X: 19.1/19.2, 19.3/19.4, 19.7/19.8</p>	<p><b>Finish</b> Matt finish only.</p> <p><b>Colour</b> Call sales for custom colours. A full range is available for large orders.</p> <p><b>Legend printing</b> Select from the examples or call sales for custom legend.</p> <p><b>Protective covers IP65</b> <b>L167 for SP</b> <b>L180 for DP</b> Snaps on to body, this reduces panel thickness by 0.8mm.</p>
<p><b>T</b></p> <p>Ø2.15 Solder</p>	<p><b>8670</b></p> <p>ON - OFF - ON Double pole</p>	<p><b>H</b> Slotted for actuator (8620 only)</p>	<p><b>B</b> Double pole</p> <p>Panel thickness: 0.75-1.24, 1.25-1.99, 2.00-3.00 Dim X: 19.1/19.2, 19.3/19.4, 19.7/19.8</p>	
<p><b>X</b></p> <p>4.0 PCB 0.8sq</p> <p>Double pole switches with X terminals are supplied without terminal barriers</p>			<p>Cut-outs must be punched in the direction of insertion</p>	

### Dimensions (mm)

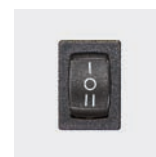
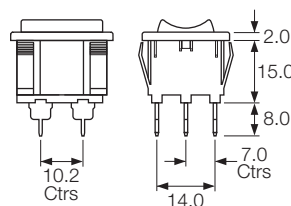
**8620VB** (H terminals shown)



**8670VB** (H terminals shown)



**8670VB** (X terminals shown)



CL141



CL142

# 1250 Rocker Switches 10A 250Vac

## Approvals and specifications



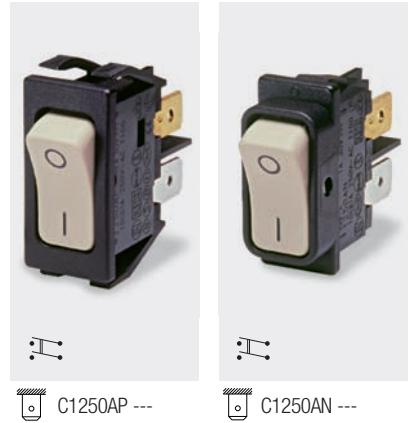
**10(6)A 250Vac T100**  
**6A 400Vac T100**  
**1A 30Vdc**



**UL CSA 10A 250Vac**  
**UL CSA 16A 250Vac Resistive**  
**UL CSA 125Vac 1/2hp**  
**UL CSA 1A 30Vdc**  
**UL 100°C, file E45221, CSA file LR10990**

3mm contact gap  
 Technical data on pages 4 & 5

- ▶ Standard rocker switch
- ▶ Double pole in single pole body
- ▶ Snap in or sub panel mount
- ▶ Integral terminal barrier
- ▶ Push on or PCB terminals
- ▶ High inrush tolerance
- ▶ Panel cut out:  
 27.2 x 12.4 (snap in)  
 26.3 x 12.4 (sub panel mount)



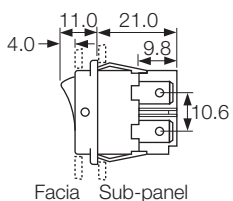
rocker switches

**C 1250 A P - - -**  
 TERMINAL FUNCTION ROCKER BODY PRINT, COLOUR, ETC

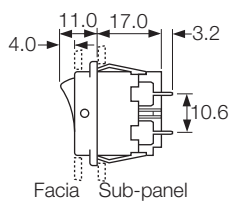
TERMINAL	FUNCTION	ROCKER	BODY	OPTIONS
<p><b>C</b></p> <p>6.3 x 0.8</p>	<p>On when pressed over terminal 1</p> <p><b>1250</b></p> <p>ON - OFF Double pole</p> <p>Poles are 9.0mm between centres.</p>	<p><b>A</b> Curved</p> <p>Shown in N body</p>	<p><b>N</b></p> <p>Panel cut-out</p> <p>Sub-panel</p> <p>Panel thickness 0.75-1.24 1.25-1.99 2.00-3.00</p> <p>Dim X 26.1/26.2 26.3/26.4 26.7/26.8</p> <p>Bezel</p>	<p><b>Finish</b> Matt finish only.</p> <p><b>Colour</b> Call sales for custom colours. A full range is available for large orders.</p> <p><b>Legend printing</b> Select from the examples or call sales for custom legend.</p> <p><b>Connector housing available F1344</b> To aid wire harness assembly. Contact sales for suggested terminals.</p>
<p><b>X</b></p> <p>PCB 0.8sq (N body only)</p>	<p>On when pressed over terminal 1</p> <p><b>1250SP</b></p> <p>ON - OFF Single pole</p>	<p><b>P</b></p> <p>Shown in P body</p>	<p><b>P</b></p> <p>Panel cut-out</p> <p>Panel thickness 0.75-3.00</p> <p>Bezel</p>	<p>Out-cuts must be punched in the direction of insertion</p>

### Dimensions (mm)

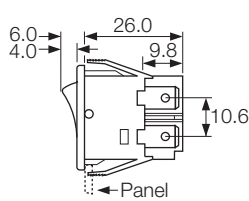
**1250AN** (C terminals shown)



**1250AN** (X terminals shown)



**1250AP** (C terminals shown)



**Connector Housing F1344**





# 6000 SP Splash Resistant Rocker Switches 16A 250Vac



- ▶ Ratings up to 20A, 277Vac
- ▶ High in-rush (ON-OFF types)
- ▶ Positive switch action
- ▶ Distinctive styling
- ▶ Illuminated & non-illuminated
- ▶ Single pole
- ▶ Panel cut out: 30.1 x 11.1mm

## Approvals and specifications



European 16(4)A 250Vac T125, 10A 400Vac T125



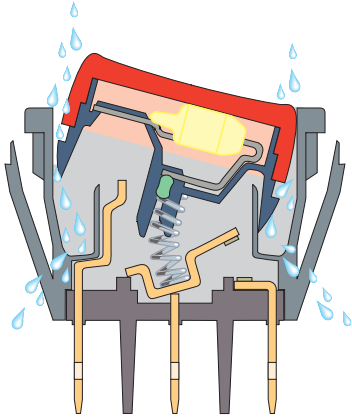
UL CSA 20A 277Vac, 250Vac 11/2hp, 125Vac 1hp  
UL 100°C, file E45221, CSA file LR10990

3mm contact gap with Positive Break switching.  
Call factory for IP details.  
Technical data on pages 4 & 5 (switches), 6 (indicators).

**C 6003 A L ---**

TERMINAL    FUNCTION    ROCKER    BODY    PRINT, COLOUR, VOLTAGE ETC

TERMINAL	FUNCTION	ROCKER
<p><b>C</b></p> <p>6.3 x 0.8</p>	<p>Approvals &amp; ratings vary with function ON OFF Switches - ON when pressed over terminal 3</p>	<p><b>A</b> Softline Matt</p>
	<p><b>6000</b>      ON - OFF</p>	
	<p><b>6001</b>      ON - OFF (momentary ON)</p>	<p><b>A</b> Softline Matt</p> <p>Lit</p>
	<p><b>6002</b>      ON - OFF (momentary OFF)</p>	
	<p><b>6003</b>      ON - OFF Lit</p>	<p><b>P</b> Lit window Matt</p>
	<p><b>6008</b>      ON - OFF Lit (Unswitched neutral)</p>	
	<p><b>6009</b>      ON - OFF (momentary ON) Lit (Unswitched neutral)</p>	
	<p><b>6010</b>      ON - ON</p>	
	<p><b>6011</b>      ON - ON (momentary 1 side)</p>	
<p><b>H</b></p> <p>4.8 x 0.8</p>		
<p><b>S</b></p> <p>9.7</p> <p>Screw &amp; Clamp N/A for assemblies with 3 terminals</p>		
<p>For twin switches and double pole circuits see pages 20 &amp; 21</p>		



**Integral Splash Resistance**

Current carrying parts are protected from moisture. Droplets which may enter the switch are channelled out through ports in the switch body.

**For IP65 see options below**



C6000AL ---



C6000AL ---



C6010AL ---



C6003AL ---

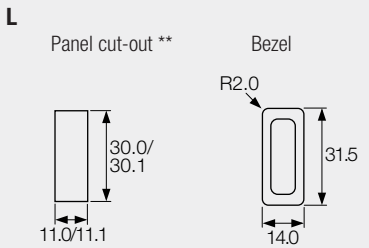


C6003PL ---



C6030AL ---

**BODY**



Cut-outs must be punched in the direction of insertion

**OPTIONS**

**Finish** Matt is standard.

**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.

**Lamp voltage** Call sales for details.

**Protective cover**

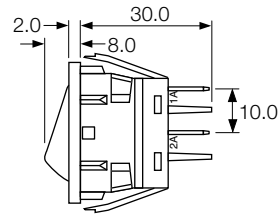
A snap on cover is available (add G after body code), this reduces panel thickness by 1.0mm.



Panel sealing washer W46 is available, this reduces panel thickness by 0.5mm. Covers are not suitable for momentary types.

For all options call the factory

**DIMENSIONS (mm)**



**Panel thickness**

L 0.75 to 2.5mm

\*\* For cut-out details on momentary switches call sales

**Examples of printing**



EN1224



EN1223

# 6050 DP Splash Resistant Switches - & Twins # 16A 250Vac

rocker switches



- ▶ Ratings up to 20A, 277V ac
- ▶ High in-rush (ON-OFF types)
- ▶ Positive switch action
- ▶ Distinctive styling
- ▶ Illuminated & non-illuminated
- ▶ Double pole
- ▶ BioCote antimicrobial option
- ▶ Panel cut out: 30.1 x 22.2mm

## Approvals and specifications



European 16(4)A 250Vac T125, 10A 400Vac T125



UL CSA 20A 277Vac, 250Vac 1 1/2hp, 125Vac 1hp  
UL 100°C, file E45221, CSA file LR10990



BioCote antimicrobial additive. Independently verified to ISO22196:2007.

3mm contact gap with Positive Break switching.

# Call sales for IP details on Twin units.

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

Patent app.

## C 6053 A L--- B

TERMINAL FUNCTION ROCKER BODY PRINT, COLOUR, VOLTAGE ETC BioCote

TERMINAL	FUNCTION	ROCKER	
<b>C</b>  6.3 x 0.8	Approvals & ratings vary with function ON OFF Switches - ON when pressed over terminals 3 & 6 	<b>A</b> Softline Matt 	
<b>H</b>  4.8 x 0.8	<b>6050</b> ON - OFF	<b>A</b> Softline Matt   <b>A</b> Softline Matt  Lit	
	<b>6051</b> ON - OFF (momentary ON)		<b>6060</b> ON - ON
	<b>6052</b> ON - OFF (momentary OFF)		<b>6061</b> ON - ON (momentary 1 side)
	<b>6053</b> ON - OFF Lit		<b>6062</b> 2 Circuit ON - ON <small>In house tests only</small>
	<b>6054</b> ON - OFF (momentary ON) Lit		<b>6066</b> ON - ON (Single pole) Isolated light
	<b>6055</b> ON - OFF (Single pole) (momentary ON) Lit		<b>6067</b> ON - ON Lit
	<b>6056</b> ON - OFF (Single pole) Isolated light		<b>6068</b> ON - ON 1pole ON - OFF Lit 1pole
	<b>6057</b> ON - OFF Isolated light		<b>6069</b> ON - OFF 1pole ON - OFF Lit 1pole
	<b>6058</b> ON - OFF (Single pole) Lit		<b>6091</b> ON - OFF (momentary ON) Lit
<b>6059</b> ON - OFF (Single pole) (momentary ON) Isolated light	<b>6092</b> ON - OFF 1 pole ON - ON 1 pole Lit		
<b>S</b>  9.7 Screw & Clamp N/A for assemblies with 3 terminals in either pole	Circuits are Double Pole unless described otherwise	<b>P</b> Lit Window Matt    Lit Window	



**Integral Splash Resistance**

Current carrying parts are protected from moisture. Droplets which may enter the switch are channelled out through ports in the switch body

For IP65 see options below



C6050AL ---



C6053AL ---



C6053PL ---



C6000A/C6000AL



C6003P/C6003PL

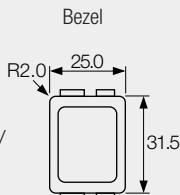
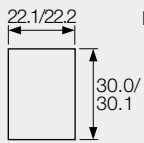


C6003P/C6030AL

**BODY**

**L Double pole**

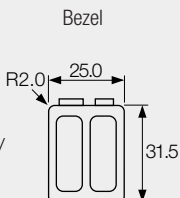
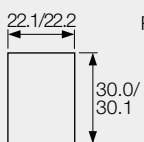
Panel cut-out \*



**L Twin units**

Contact sales for information on splash resistance and IP ratings

Panel cut-out \*



**OPTIONS**

**Finish** Matt is standard.

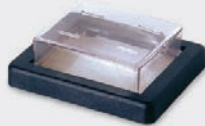
**Colour** Call sales for custom colours. A full range is available for large orders.

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

**Lamp voltage** Call sales for details.

**Protective cover**

The 6050 series is a water through design. For a higher level of sealing, a snap on cover is available (add G after body code). This reduces panel thickness by 1.0mm.



Panel sealing washer W42 is available. This reduces panel thickness by 0.9mm. Covers are not suitable for momentary types.

**IP Ratings** Call the sales for details.

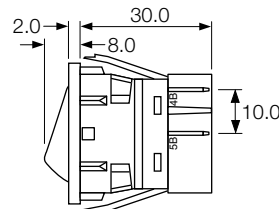
**Terminal Link P1067** connects the poles of a double pole switch or twin unit.

# Mounting orientation may affect IP rating.

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

For all options call sales.

**DIMENSIONS (mm)**



Terminal spacing - Poles 10.5 between centres

**Panel thickness**

L 0.75 to 3.0mm

\* For cut-out details on momentary switches call sales

**Examples of printing**



EN1196



EN1197

Cut-outs must be punched in the direction of insertion

# 1500 Standard & 1300 High Inrush Switches 150A to EN61058-1 and 16A 250Vac



- ▶ Standard rocker switch
- ▶ Non-illuminated
- ▶ 1300 high inrush current
- ▶ Choice of switching circuits including 3 position
- ▶ Choice of bezel styles
- ▶ Choice of panel cut outs
- ▶ Matching indicator
- ▶ Single pole
- ▶ Splash resistant option
- ▶ BioCote antimicrobial option
- ▶ Panel cut out 'A' style: 27.3 x 12.3mm

## Approvals and specifications



1500 Series 16(4)A 250Vac T125



UL CSA 16A Non Ind 250Vac, (2 posn) 250Vac 1hp, 125Vac 1/2hp, (3 posn) 250Vac 1/2hp, 125Vac 1/4hp  
 UL 10A 14Vdc 'T' (1500 and 1510 only)  
 UL 85°C, file E45221, CSA file LR10990

In house test:

10A 24Vdc — Indicative rating only



1300 series 16(6)A 250Vac T125 5E4 (50,000 Ops.)  
 150A Inrush to EN61058-1



UL CSA 20A 250Vac 1hp, 125Vac 1/2hp  
 UL 85°C, file E45221, CSA file LR10990

In house test:

20A 24Vdc — Indicative rating only



BioCote antimicrobial additive. Independently verified to ISO22196:2007.

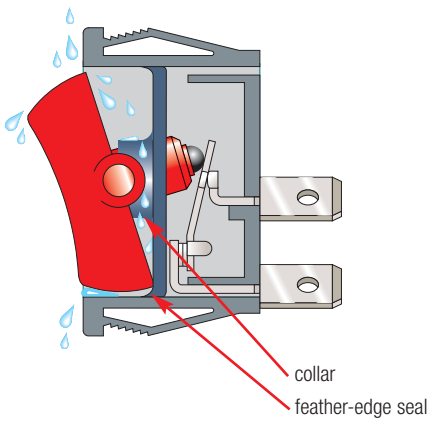
3mm contact gap except if marked µ.  
 Technical data on pages 4 & 5 (switches), 6 (indicators).

## C 1300 A L--- B

TERMINAL FUNCTION ROCKER BODY PRINT, COLOUR, VOLTAGE ETC BioCote

TERMINAL	FUNCTION	ROCKER
<p><b>C</b></p> <p>6.3 x 0.8</p>	<p>Approvals &amp; ratings vary with function                      ON OFF Switches - ON when pressed over terminal 1</p>	<p><b>A</b> Softline Matt</p>
<p><b>H</b></p> <p>4.8 x 0.8*</p>	<p><b>Standard 1500</b></p> <p><b>High Inrush 1300</b>                      *L body only                      Approvals apply to C &amp; T terminals only</p> <p>ON - OFF</p>	<p><b>B</b> Splash resistant (with Arcshield) Matt</p>
<p><b>K</b></p> <p>2.8 x 0.8*</p>	<p><b>1501</b>                      HP rating N/A</p> <p>ON - OFF (momentary ON)</p>	<p><b>H</b> Slotted (for custom Adaptors) not momentary</p>
<p><b>T</b></p> <p>Ø2.1 Solder</p>	<p><b>1502</b>                      HP rating N/A</p> <p>ON - OFF (momentary OFF)</p>	<p><b>V</b> Curved Matt or gloss</p>
<p><b>U</b></p> <p>Right angle "T" solder terminal</p>	<p><b>1510 µ</b>                      HP rating N/A</p> <p>ON - ON</p>	<p><b>W</b> Splash resistant (with Arcshield) Matt</p>
<p><b>X</b></p> <p>PCB 0.8Sq*                      *N/A for 1300 series</p>	<p><b>1511 µ</b>                      HP rating N/A</p> <p>ON - ON (momentary 1 side)</p>	<p><b>X</b> Two colour Matt                      ON - OFF only (not momentary)</p>
	<p><b>1520 µ</b>                      125V &amp; 250V 1/2 HP                      H terminal rated                      T100 only</p> <p>ON - OFF - ON</p>	<p><b>F</b> Flat lens Gloss (0430 only)</p>
	<p><b>1521 µ</b>                      HP rating N/A                      H terminal rated                      T100 only</p> <p>ON - OFF - ON (momentary 1 side)</p>	<p><b>A</b> Softline lens Matt (0430 only)                      as F but with raised profile</p>
	<p><b>1522 µ</b>                      HP rating N/A                      H terminal rated                      T100 only</p> <p>ON - OFF - ON (momentary 2 sides)</p>	
	<p><b>0430</b>                      X terminal N/A</p> <p>Indicator                      Technical data on page 6</p>	

### Splash Resistant



### 1500 W and B splash resistant options

Feather edge seals and a close fitting collar protect current carrying parts from moisture.  
B option has Hytrel collar/seals for enhanced protection.



C1500AR ---  
T1500AR ---



C1500AL ---  
T1500AL ---



C1500XL ---  
T1500XL ---



C1510AL ---  
T1510AL ---



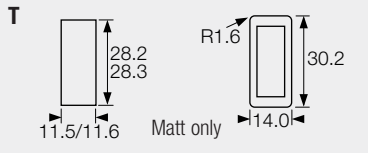
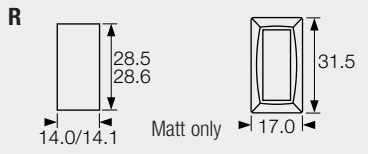
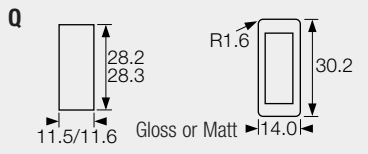
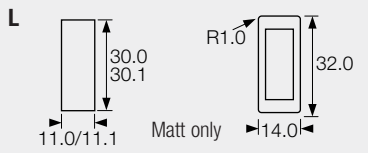
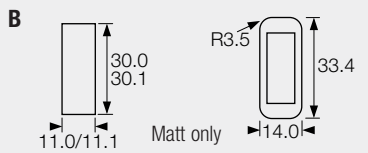
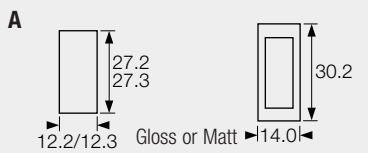
C1520AL ---  
T1520AL ---



C0430AL ---  
T0430AL ---

### BODY

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



### OPTIONS

**Finish** Matt is standard.

**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.

**Lamp voltage** Call sales for details.

**Blanking plates A0434 - -** Dummy units to fill unused panel holes.

**Protective cover**  
Snaps on to A, L, Q or T bodies (add G after body code in cat no.), this reduces panel thickness by 1.0mm.

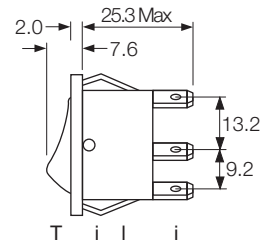


Panel sealing washer W46 is available for the same body sizes, this reduces panel thickness by 0.5mm.  
Covers are not suitable for momentary types.

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

For all options call sales.

### DIMENSIONS (mm)



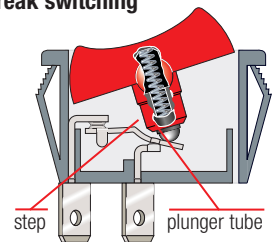
### Panel thickness

A,Q	0.75 to 3.3mm
L,B,T	0.75 to 2.5mm
R	0.75 to 3.0mm

\* For cut-out details on momentary switches call sales

### 1300 High inrush, positive break switching

The 1300 series mechanism ensures contact welds formed at switch-on are positively separated by the plunger tube acting directly on the step in the moving contact.



### Examples of printing



EN602A



EN730



EN822

# 5500 Lit Rocker Switches - Single Pole 16A 250Vac



- ▶ Standard rocker switch
- ▶ Illuminated
- ▶ Choice of switching circuits
- ▶ Choice of bezel styles
- ▶ Choice of panel cut outs
- ▶ Matching indicator
- ▶ Single pole
- ▶ Splash resistant option
- ▶ Panel cut out 'A' style: 27.3 x 12.3mm

## Approvals and specifications



16(4)A 250Vac T85  
10(3)A 250Vac T100, (12A 250Vac T125 for P rocker only)



UL CSA 15A 250Vac, CSA 16A Non Ind 250Vac  
UL CSA 250Vac 1hp, 125Vac 1/2hp  
UL 85°C, file E45221, CSA file LR10990

μ contact gap.

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

For Twin units repeat the order details for both the left and right sides.

**C 5503 A L ---**

TERMINAL    FUNCTION    ROCKER    BODY    PRINT, COLOUR, VOLTAGE ETC

▶ TERMINAL	▶ FUNCTION		▶ ROCKER
<p><b>C</b></p> <p>6.3 x 0.8</p>	<p>Approvals &amp; ratings vary with function ON OFF Switches - ON when pressed over terminal 3</p>		<p><b>A</b> Softline (Matt only)</p> <p>Lit</p>
<p><b>H</b></p> <p>4.8 x 0.8</p>	<p><b>5500</b> μ</p>	<p>ON - OFF</p>	
<p><b>T</b></p> <p>Ø2.1</p> <p>Solder</p>	<p><b>5503</b> μ preferred option</p>	<p>ON - OFF Lit Switched neutral</p>	<p><b>P</b> Lit window (Matt only)</p>
	<p><b>5508</b> μ for special applications</p>	<p>ON - OFF Lit Unswitched neutral</p>	



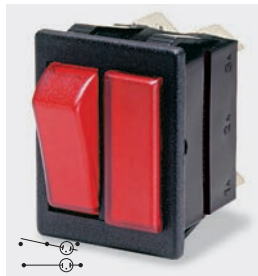
C5503AL ---



C5500AL ---



C5503PL ---



C5503A/C5430AL

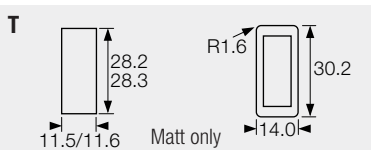
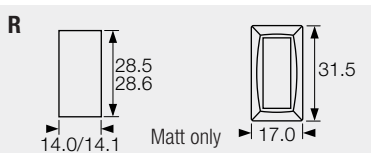
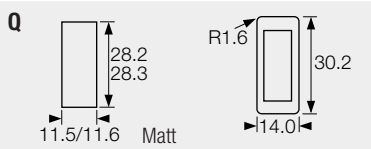
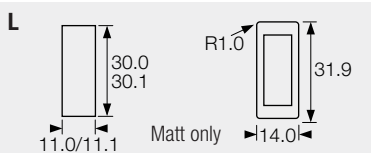
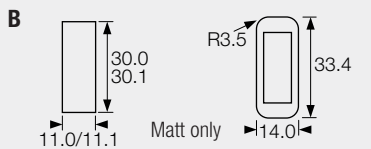
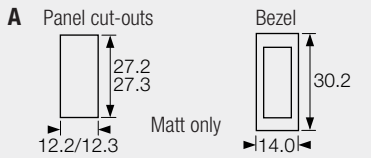


C5503A/C5503AL



C5503P/C5503PL

**BODY**



Cut-outs must be punched in the direction of insertion

**OPTIONS**

**Finish** Matt is standard.

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

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

**Lamp voltage** Call factory for details.

**Blanking plate A0434 -- (SP) A0494 -- (DP)**  
Dummy units to fill unused panel holes.

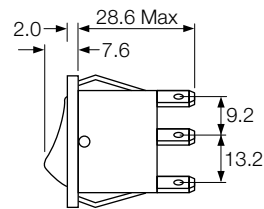
**Protective cover**  
Snaps onto A, L, Q or T bodies (add G after body in cat no.), this reduces panel thickness by 1.0mm.



Panel sealing washers W46 (Single Pole) and W42 (Double Pole) are available for these body types, this reduces panel thickness by 0.5mm (W46) and 0.9mm (W42).

For all options call the factory.

**DIMENSIONS (mm)**



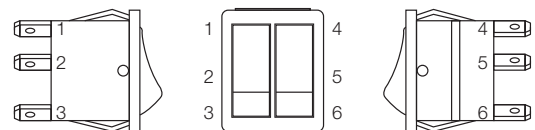
Terminal spacing - Poles 10.8 between centres (twin units)

**Panel thickness**

<b>A,Q</b>	0.75 to 3.3mm
<b>L,B,T</b>	0.75 to 2.5mm
<b>R</b>	0.75 to 3.0mm

**Twin units**

Two single switches or a switch and an indicator light can be assembled side by side in one double pole body. For 5500 range panel cut-out details (L, B and T) call sales.

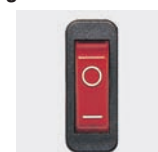


For twin units the first set of order format details refer to the left hand unit, when looking at the front of the assembly. (This has terminal numbers 1, 2 & 3)

**Examples of printing**



EN3036



EN3064



EN706



# 1500 Twin Units Switches and Indicators 16A 250Vac



- ▶ Twin unit rocker switch
- ▶ Choice of switching circuits including 3 position
- ▶ Push-on, solder and PCB terminals
- ▶ Choice of bezel styles
- ▶ Choice of panel cut outs
- ▶ Matching indicator
- ▶ Single pole switches
- ▶ Splash resistant option
- ▶ Panel cut out 'A' style: 27.2 x 22.3mm

## Approvals and specifications



16(4)A 250Vac T125



UL CSA 16A 250Vac

UL CSA (2 posn) 250Vac 1hp, 125Vac 1/2hp, (3 posn) 250 Vac 1/2hp, 125Vac 1/4hp

UL 85°C, file E45221, CSA file LR10990

For versions with High Inrush or for 50,000 operations, see page 22.

3mm contact gap except where marked  $\mu$ .

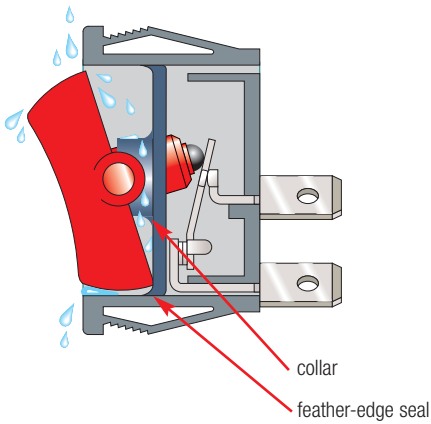
Technical data on pages 4 & 5 (switches), 6 (indicators).

## C 1500 A / C 1510 A L ---

TERMINAL FUNCTION ROCKER TERMINAL FUNCTION ROCKER BODY PRINT, COLOUR, ETC

TERMINAL	FUNCTION	ROCKER
<p><b>C</b></p> <p>6.3 x 0.8</p>	<p>Approvals &amp; ratings vary with function ON OFF Switches - ON when pressed over terminal 1 or 4</p>	<p><b>A</b> Softline (Matt)</p>
<p><b>H</b></p> <p>4.8 x 0.8</p>	<p><b>1500</b> ON - OFF</p>	<p><b>B</b> Softline splash resistant (Matt)</p>
<p><b>K</b></p> <p>2.8 x 0.8</p>	<p><b>1510 <math>\mu</math></b> HP rating N/A</p> <p>ON - ON</p>	<p><b>W</b> Curved splash resistant (Matt)</p>
<p><b>T</b></p> <p>Solder</p>	<p><b>1520 <math>\mu</math></b> 125V &amp; 250V 1/2 HP H terminal rated T100 only</p> <p>ON - OFF - ON</p>	<p><b>X</b> Two colour (Matt) (not momentary) ON - OFF only</p>
<p><b>X</b></p> <p>PCB 0.8Sq</p>	<p><b>0430</b> X terminal N/A</p> <p>Indicator Technical data on page 6</p>	<p><b>A</b> Softline lens (Matt) (Indicator)</p>

## Splash Resistant



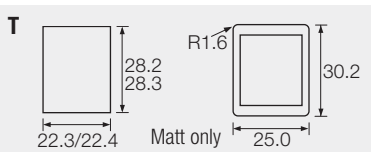
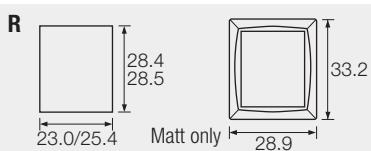
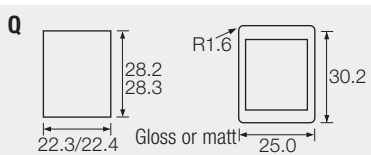
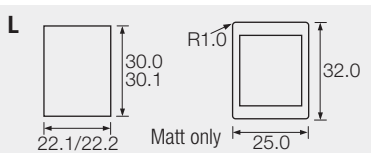
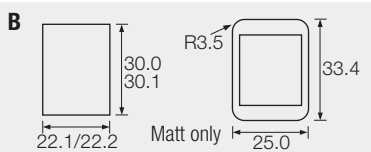
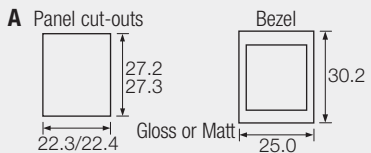
### 1500 W and B splash resistant options

Feather edge seals and a close fitting collar protect current carrying parts from moisture.

B option has Hytrel collar/seals for enhanced protection.



## BODY



Cut-outs must be punched in the direction of insertion

## OPTIONS

**Finish** Matt is standard.

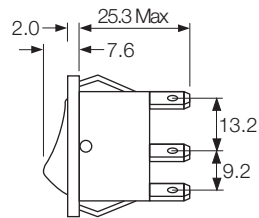
**Colour** Call sales for custom colours. A full range is available for large orders.

**Legend printing** Call sales for custom legends. State if a legend is to appear on the left or right hand unit (viewed from the front).

**Lamp voltage** Call sales for details.

For all options call sales.

## DIMENSIONS (mm)



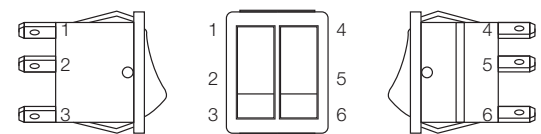
Call sales for terminal spacing details

### Panel thickness

<b>A,Q</b>	0.75 to 3.3mm
<b>L,B,T</b>	0.75 to 2.5mm
<b>R</b>	0.75 to 3.0mm

### Twin units

Two single switches or a switch and an indicator light can be assembled side by side in one double pole body.



For twin units the first set of order format details refer to the left hand unit, when looking at the front of the assembly. (This has terminal numbers 1, 2 & 3)

### Examples of printing



# 1550 Standard & 1350 High Inrush Switches 150A to EN61058-1 and 16A 250Vac

rocker switches



- ▶ Standard rocker switch
- ▶ 1350/53 high inrush
- ▶ Choice of switching circuits including 3 position
- ▶ Push-on, solder and PCB terminals
- ▶ Choice of bezel styles
- ▶ Choice of panel cut outs
- ▶ Matching indicator
- ▶ Double pole
- ▶ Splash resistant option
- ▶ BioCote antimicrobial option
- ▶ Panel cut out 'A' style: 27.2 x 22.3mm

## Approvals and specifications



1550 Series 16(4)A 250Vac T125



UL CSA 16A 250Vac, (2 posn) 250Vac 1hp, 125Vac 1/2hp, (3 posn) 250 Vac 1/2hp, 125Vac 1/4hp. UL 85°C, file E45221, CSA file LR10990.

In house test:

10A 24Vdc — Indicative rating only



1350 series 16(4)A 250Vac T85 1E4 (10,000 Ops.)  
1330 series 16(6)A 250Vac T125 5E4 (50,000 Ops.)  
150A Inrush to EN61058-1.



UL CSA 20A 250Vac 1hp, 125Vac 1/2hp. UL 72Vdc 7A, 36Vdc 14A. UL 85°C, file E45221, CSA file LR10990.

In house test:

20A 24Vdc — Indicative rating only



BioCote antimicrobial additive. Independently verified to ISO22196:2007.

3mm contact gap except if marked  $\mu$ .  
Technical data on pages 4 & 5 (switches), 6 (indicators).

## C 1553 A L --- B

TERMINAL FUNCTION ROCKER BODY PRINT, COLOUR, VOLTAGE ETC BioCote

TERMINAL	FUNCTION	ROCKER																																																				
<p><b>C</b></p> <p>6.3 x 0.8</p>	<p>Approvals &amp; ratings vary with function ON OFF Switches - ON when pressed over terminal 1</p>	<p><b>A</b> Softline Matt</p> <p>Lit (not momentary)</p>																																																				
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C1350AL ---



C1550XL ---



C1553PL ---



C1553RA ---  
Shown with M614 bezel cover



C0480AL ---



Optional snap-in M441 barrier



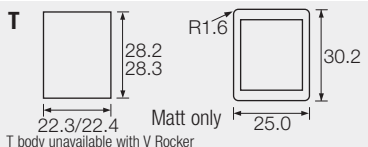
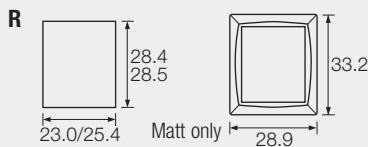
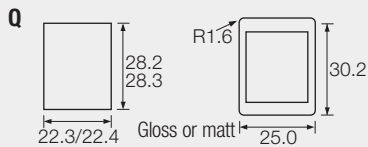
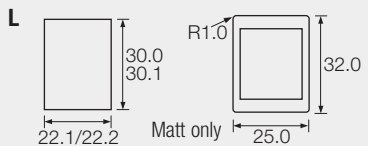
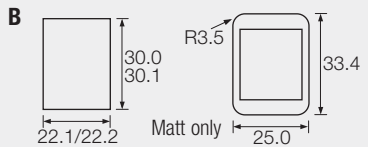
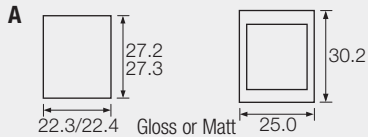
C1553AA with M616 guard  
Cut-out 22.0/22.1 x 29.4/29.5  
Guard accepts "A" body only



C0480RA ---  
Shown with M614 bezel cover

**BODY**

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



T body unavailable with V Rocker

**OPTIONS**

**Finish** Matt is standard.

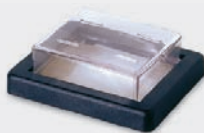
**Colour** Call sales for custom colours. A full range is available for large orders.

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

**Lamp voltage** Call sales for details.

**Blanking plates A0494** Dummy units to fill unused panel holes.

**Protective cover**  
Snaps on to A, L, Q or T bodies (add G after body in cat no). This reduces panel thickness by 1.0mm.



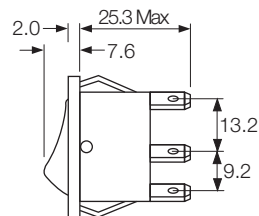
Panel sealing washer W42 is available for the above body sizes. This reduces panel thickness by 0.9mm.

Covers are not suitable for momentary types.

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

For all options call sales.

**DIMENSIONS (mm)**



Terminal spacing - Poles 10.2 between centres

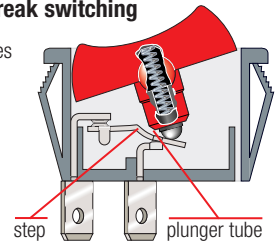
**Panel thickness**

- A,Q** 0.75 to 3.3mm
- L,B,T** 0.75 to 2.5mm
- R** 0.75 to 3.0mm

\* For cut-out details on momentary switches call sales.

**1350 High inrush, positive break switching**

The 1350 series mechanism ensures contact welds formed at switch-on, are positively separated by the plunger tube acting directly on the step in the moving contact.



**Examples of printing**



EN602A



EN730



EN822

# 1550 Standard & 1350 High Inrush Switches 150A to EN61058-1 and 16A 250Vac

With Guard or Cover



- ▶ Standard rocker switch
- ▶ 1350/53 high inrush
- ▶ Choice of switching circuits including 3 position
- ▶ Push-on, solder and PCB terminals
- ▶ Choice of bezel styles
- ▶ Choice of panel cut outs
- ▶ Matching indicator
- ▶ Double pole
- ▶ Option with guard & cover
- ▶ Bezel size 'G' style 32.0 x 25.0

## Approvals and specifications



1550 Series 16(4)A 250Vac T125



UL CSA 16A 250Vac, (2 posn) 250Vac 1hp, 125Vac 1/2hp, (3 posn) 250 Vac 1/2hp, 125Vac 1/4hp. UL 85°C, file E45221, CSA file LR10990.

In house test:

10A 24Vdc — Indicative rating only



1350 Series

UL CSA 20A 250Vac 1hp, 125Vac 1/2hp. UL 72Vdc 7A, 36Vdc 14A, UL 85°C, file E45221, CSA file LR10990.

In house test:

20A 24Vdc — Indicative rating only



BioCote antimicrobial additive. Independently verified to ISO22196:2007.

3mm contact gap except if marked  $\mu$ .  
Technical data on pages 4 & 5 (switches), 6 (indicators).

**C 1553 A G--- B**

TERMINAL FUNCTION ROCKER BODY PRINT, COLOUR, VOLTAGE ETC BioCote

TERMINAL	FUNCTION	ROCKER																																								
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Standard 1550		High Inrush 1350	ON - OFF																																							
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<p><b>X</b></p> <p>PCB 0.8Sq*</p> <p>*Contact sales for details on 1350 series</p>																																										



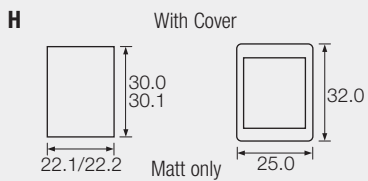
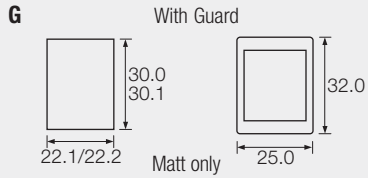
C1550AH ---



C1553AH ---

**BODY**

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



**OPTIONS**

**Finish** Matt is standard.

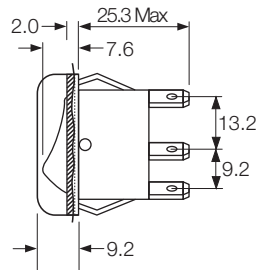
**Colour** Call sales for custom colours. A full range is available for large orders.

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

**Lamp voltage** Call sales for details.

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

**DIMENSIONS (mm)**



Terminal spacing - Poles 10.2 between centres

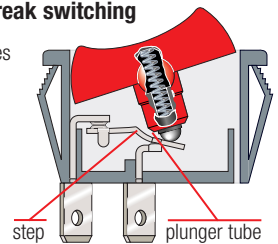
**Panel thickness**

**G, H** 0.75 to 2.5mm

\* For cut-out details on momentary switches call sales.

**1350 High inrush, positive break switching**

The 1350 series mechanism ensures contact welds formed at switch-on, are positively separated by the plunger tube acting directly on the step in the moving contact.



**Examples of printing**



EN602A



EN730



EN822

# R13 Round Rocker Switches 10A 250Vac



- ▶ Miniature round rocker switch
- ▶ Ratings up to 10A, 250Vac
- ▶ Single & double pole
- ▶ Illuminated & non-illuminated, neon and LED
- ▶ Choice of actuators
- ▶ Matching indicator
- ▶ Panel cut out: 20.2 dia.

## Approvals and specifications



SP 10(4)A 250Vac T85 1E4



DP 10(4)A 250Vac T85 1E4



UL CSA SP 16A 125Vac & 10A 250Vac  
 UL CSA DP 16A 125Vac, 10A 250Vac, 10A 28Vdc  
 UL 85°C, file E67774(S), CSA file LR45128

### RoHS compliant

Single pole has  $\mu$  contact gap. Technical data on pages 4 & 5.

### Special products

Are made to order and can be supplied with a range of body and rocker/lens colours, print & lamp voltage.  
 Call sales for availability to your special requirements.

## R13 112A AAA

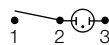
TERMINAL FUNCTION ROCKER BODY PRINT, COLOUR, VOLTAGE ETC

### PRODUCT DETAILS



SP ON - OFF  $\mu$

**Cat no.**  
R13 112A AAA



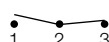
SP ON - OFF  $\mu$   
Lit 230V

**Cat no.**  
R13 112B NAC



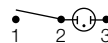
SP ON - OFF  $\mu$

**Cat no.**  
R13 112A AAB



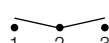
SP ON - ON  $\mu$

**Cat no.**  
R13 112C AAA



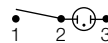
SP ON - OFF  $\mu$   
Lit 230V

**Cat no.**  
R13 112B NAA



SP ON - OFF - ON  $\mu$

**Cat no.**  
R13 112D AAA



SP ON - OFF  $\mu$   
Lit 230V

**Cat no.**  
R13 112B NAB



SP ON - OFF  $\mu$   
(Momentary ON)

**Cat no.**  
R13 208F AAA\*



DP ON - OFF

**Cat no.**  
R13 244A AAA

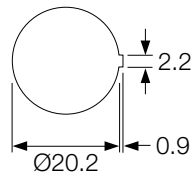


DP ON - OFF  
Lit 230V

**Cat no.**  
R13 244B NAA

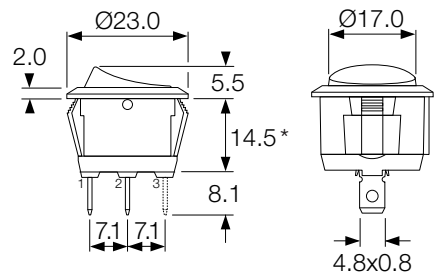
### DIMENSIONS (mm)

#### Panel cut-out



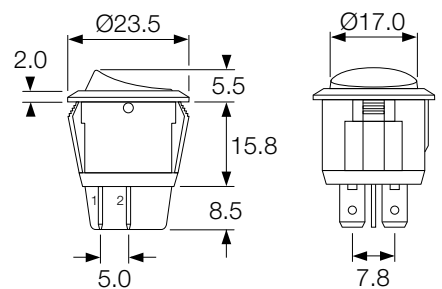
Snap fixing into panel thickness up to 3.0

#### Single pole



\* R13 208F has 12.5mm deep body

#### Double pole





R13 112B NAA



R13 112A AAA

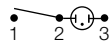
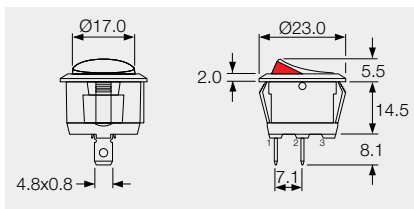


R13 112A2 ---

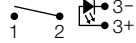
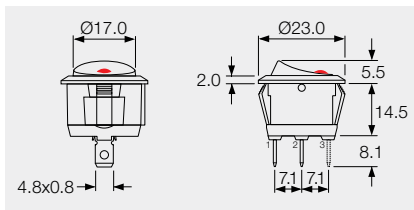
**PRODUCT  
DETAILS**



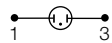
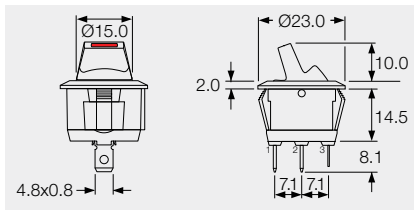
SP ON - OFF  $\mu$   
Bright colour ON signal  
**Cat no.**  
**R13 112A2 - -**



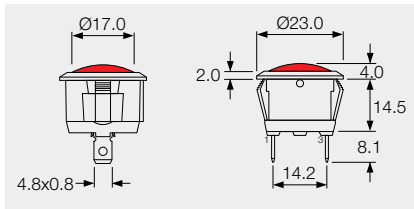
SP ON - OFF  $\mu$   
Lit Window  
**Cat no.**  
**R13 112B2 - -**



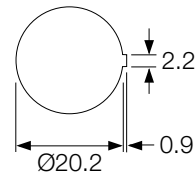
SP ON - OFF  $\mu$   
Paddle tip has red LED  
**Cat no.**  
**R13 112LP - -**



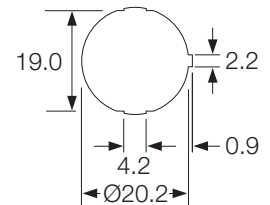
Indicator light  
**Cat no.**  
**R9 92B - - -**



**PANEL CUT-OUT (mm)**



Snap fixing into  
2.0 to 3.0mm panels



Snap fixing into  
0.7 to 3.0mm panels



**Protective cover L188**

Snaps on to bodies (not R13 211 or R13 112LP), this reduces maximum acceptable panel thickness by 0.8mm.