

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>H</p> <p>4.8 x 0.8</p>		<p>Switches are ON when pressed over terminal 1</p>	<p>V Curved</p>
	8800	<p>ON - OFF Single pole</p>	
<p>T</p> <p>3.5 x 0.8 Solder</p>		<p>Switches are ON when pressed over terminals 1 or 3</p>	
	8800/8800	<p>ON - OFF Twin (Single pole)</p>	
<p>X</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

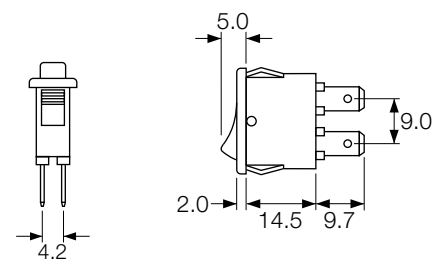
Finish
Matt finish only.

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

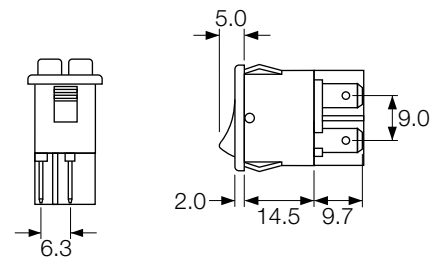
Legend printing
Select from the examples or call sales for custom legends.

Dimensions (mm)

8800VA (H terminals shown)



8800V/8800VA (H terminals shown)



Examples of printing



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

rocker switches



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



H8500VB ---
T8500VB ---



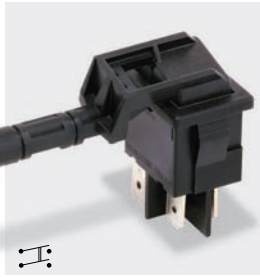
H8550VB ---
T8550VB ---



H8550HB ---
T8550HB ---



H8550XB ---
T8550XB ---



H8550RB Semi-rotary
A splash proofing option



H8500PO ---
Pushbutton option



H8553VB ---
T8553VB ---

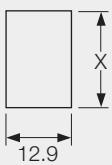


H8580AB ---

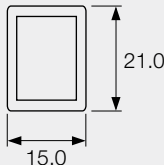
BODY

B
Standard body with terminal barrier

Panel cut-out

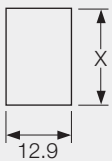


Bezel

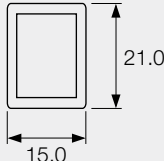


BC
Body without terminal barrier

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.

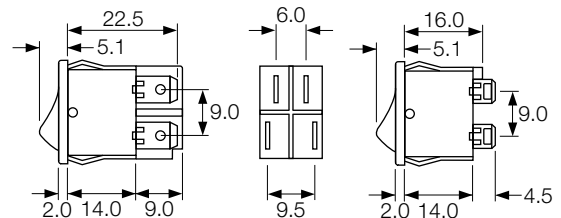
Lamp voltage
Call sales for details of available voltages.

Protective cover L167
Snaps on to bodies with V or X style rockers and A lens. This reduces panel thickness by 0.8mm.



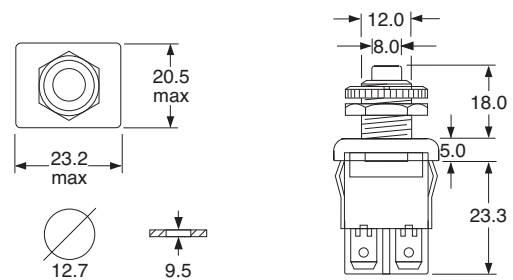
BioCote Antimicrobial Additive
Moulded components have antimicrobial properties using BioCote silver ion technology.

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

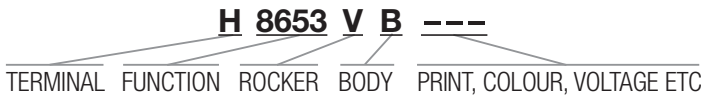


10(4)A 250Vac T90 (unless noted below)



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

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



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



H8600VB ---
T8600VB ---



H8600VB ---
T8600VB ---



H8630FB ---
T8630FB ---



H8650VB ---
T8650VB ---



H8660VB ---
T8660VB ---

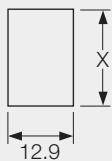


H8653VB ---
T8653VB ---

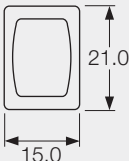
BODY

B Single pole

Panel cut-out



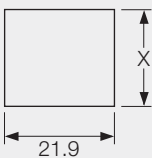
Bezel



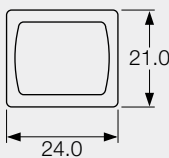
Single Pole dimensions for snap-in fixing	
Panel thickness	Dimension X
0.75-1.24	19.1/19.2
1.25-1.99	19.3/19.4
2.00-3.00	19.7/19.8

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.

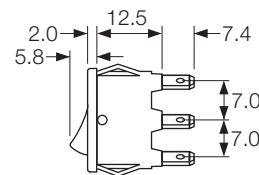


Single Pole options

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

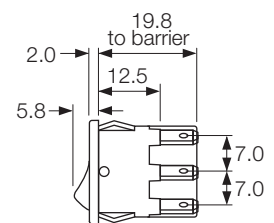
DIMENSIONS (mm)

Single pole



Terminals shown are "H" 4.8 push on type

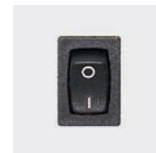
Double pole



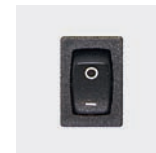
Terminal spacing 10.2 between pole centres

For 8620 and 8670 dimensions see page 16

Examples of printing



CL076



CL080



CL141



CL142

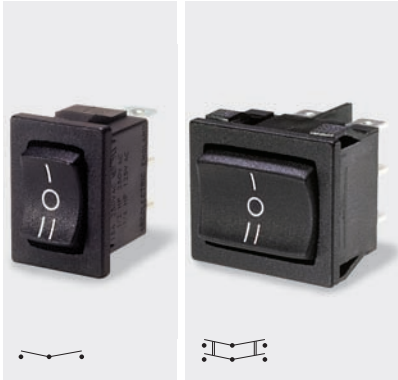


CL059

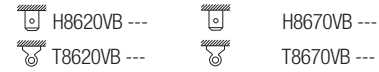


CL058

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



- ▶ 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.

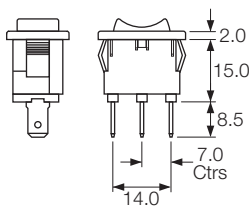
H 8620 V B - - -

TERMINAL FUNCTION ROCKER BODY PRINT, COLOUR, ETC

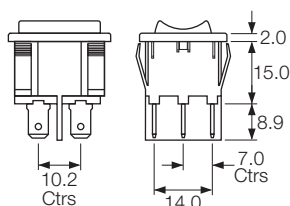
▶ TERMINAL	▶ FUNCTION	▶ ROCKER	▶ BODY	▶ OPTIONS
<p>H</p> <p>4.8 x 0.8</p>	<p>8620</p> <p>ON - OFF - ON Single pole</p>	<p>V Curved</p>	<p>B Single pole</p> <p>12.9 Panel thickness 0.75-1.24 1.25-1.99 2.00-3.00</p> <p>15.0 Dim X 19.1/19.2 19.3/19.4 19.7/19.8</p>	<p>Finish Matt finish only.</p> <p>Colour 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 legend.</p> <p>Protective covers IP65 L167 for SP L180 for DP Snaps on to body, this reduces panel thickness by 0.8mm.</p>
<p>T</p> <p>Ø2.15 Solder</p>	<p>8670</p> <p>ON - OFF - ON Double pole</p>	<p>H Slotted for actuator (8620 only)</p>	<p>B Double pole</p> <p>21.9 Panel thickness 0.75-1.24 1.25-1.99 2.00-3.00</p> <p>24.0 Dim X 19.1/19.2 19.3/19.4 19.7/19.8</p>	
<p>X</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)

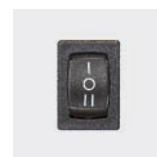
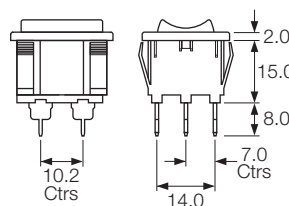
8620VB (H terminals shown)



8670VB (H terminals shown)



8670VB (X terminals shown)



CL141



CL142

1250 Rocker Switches 10A 250Vac

rocker switches

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)



C1250AP ---

C1250AN ---

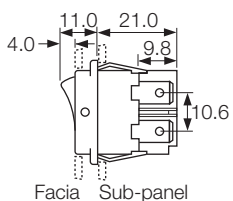
C 1250 A P - - -

TERMINAL FUNCTION ROCKER BODY PRINT, COLOUR, ETC

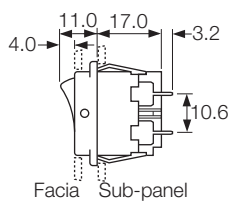
▶ TERMINAL	▶ FUNCTION	▶ ROCKER	▶ BODY	▶ OPTIONS						
<p>C</p> <p>6.3 x 0.8</p>	<p>On when pressed over terminal 1</p> <p>1250</p> <p>ON - OFF Double pole</p> <p>Poles are 9.0mm between centres.</p>	<p>A Curved</p> <p>Shown in N body</p>	<p>N</p> <p>Panel cut-out Bezel</p> <p>Sub-panel Facia</p> <p>Panel thickness Dim X</p> <table border="1"> <tr> <td>0.75-1.24</td> <td>26.1/26.2</td> </tr> <tr> <td>1.25-1.99</td> <td>26.3/26.4</td> </tr> <tr> <td>2.00-3.00</td> <td>26.7/26.8</td> </tr> </table>	0.75-1.24	26.1/26.2	1.25-1.99	26.3/26.4	2.00-3.00	26.7/26.8	<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 legend.</p>
0.75-1.24	26.1/26.2									
1.25-1.99	26.3/26.4									
2.00-3.00	26.7/26.8									
<p>X</p> <p>PCB 0.8sq (N body only)</p>	<p>On when pressed over terminal 1</p> <p>1250SP</p> <p>ON - OFF Single pole</p>	<p>P</p> <p>Shown in P body</p>	<p>P</p> <p>Panel cut-out Bezel</p> <p>Panel thickness</p> <p>0.75-3.00</p> <p>Cut-outs must be punched in the direction of insertion</p>	<p>Connector housing available F1344 To aid wire harness assembly.</p> <p>Contact sales for suggested terminals.</p>						

Dimensions (mm)

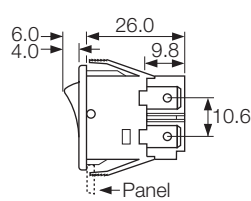
1250AN (C terminals shown)



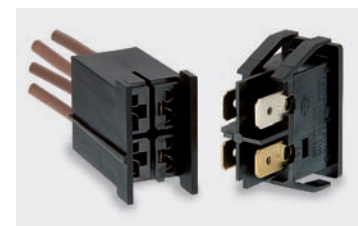
1250AN (X terminals shown)



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



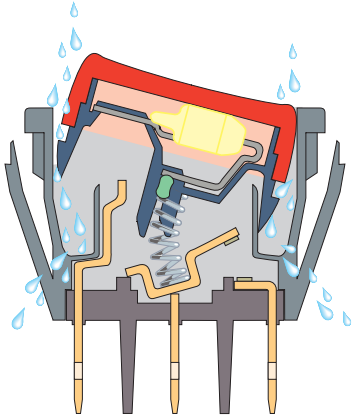
UL CSA 20A 277Vac, 250Vac 11/2hp, 125Vac 1hp
UL 100°C, file E45221, CSA file LR10990

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

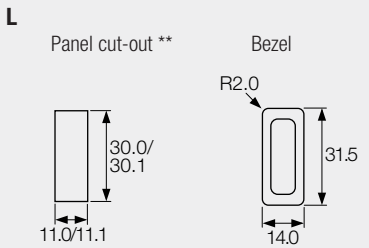


C6003PL ---



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

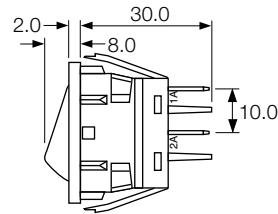
A snap on cover is available (add G after body code), this reduces panel thickness by 1.0mm.



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	
C 6.3 x 0.8	Approvals & ratings vary with function ON OFF Switches - ON when pressed over terminals 3 & 6 	A Softline Matt 	
H 4.8 x 0.8	6050 ON - OFF	A Softline Matt A Softline Matt Lit	
	6051 ON - OFF (momentary ON)		6060 ON - ON
	6052 ON - OFF (momentary OFF)		6061 ON - ON (momentary 1 side)
	6053 ON - OFF Lit		6062 2 Circuit ON - ON <small>In house tests only</small>
	6054 ON - OFF (momentary ON) Lit		6066 ON - ON (Single pole) Isolated light
	6055 ON - OFF (Single pole) (momentary ON) Lit		6067 ON - ON Lit
	6056 ON - OFF (Single pole) Isolated light		6068 ON - ON 1pole ON - OFF Lit 1pole
	6057 ON - OFF Isolated light		6069 ON - OFF 1pole ON - OFF Lit 1pole
	6058 ON - OFF (Single pole) Lit		6091 ON - OFF (momentary ON) Lit
S Screw & Clamp N/A for assemblies with 3 terminals in either pole	6059 ON - OFF (Single pole) (momentary ON) Isolated light	P Lit Window Matt Lit Window	
	6092 ON - OFF 1 pole ON - ON 1 pole Lit		
	6099 Circuits are Double Pole unless described otherwise		



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

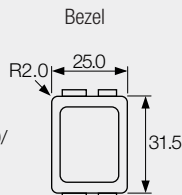
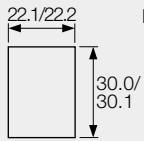


C6003P/C6030AL

BODY

L Double pole

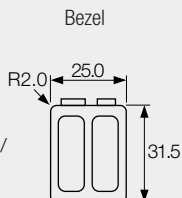
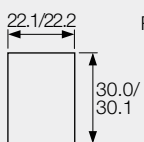
Panel cut-out *



L Twin units

Contact sales for information on splash resistance and IP ratings

Panel cut-out *



OPTIONS

Finish Matt is standard.

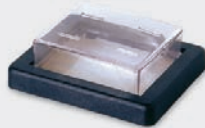
Colour Call sales for custom colours. A full range is available for large orders.

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.

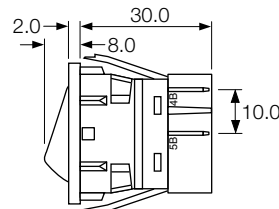
Mounting orientation may affect IP rating.

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.

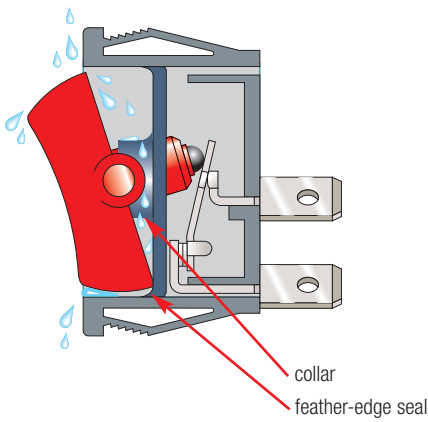
3mm contact gap except if marked µ.
 Technical data on pages 4 & 5 (switches), 6 (indicators).

C 1300 A L--- B

TERMINAL FUNCTION ROCKER BODY PRINT, COLOUR, VOLTAGE ETC BioCote

TERMINAL	FUNCTION	ROCKER
<p>C</p> <p>6.3 x 0.8</p>	<p>Approvals & ratings vary with function ON OFF Switches - ON when pressed over terminal 1</p>	<p>A Softline Matt</p>
<p>H</p> <p>4.8 x 0.8*</p>	<p>Standard 1500</p> <p>High Inrush 1300 *L body only Approvals apply to C & T terminals only</p> <p>ON - OFF</p>	<p>B Splash resistant (with Arcshield) Matt</p>
<p>K</p> <p>2.8 x 0.8*</p>	<p>1501 HP rating N/A</p> <p>ON - OFF (momentary ON)</p>	<p>H Slotted (for custom Adaptors) not momentary</p>
<p>T</p> <p>Ø2.1 Solder</p>	<p>1502 HP rating N/A</p> <p>ON - OFF (momentary OFF)</p>	<p>V Curved Matt or gloss</p>
<p>U</p> <p>Ø2.1 Right angle "T" solder terminal</p>	<p>1510 µ HP rating N/A</p> <p>ON - ON</p>	<p>W Splash resistant (with Arcshield) Matt</p>
<p>X</p> <p>4.0 PCB 0.8Sq* *N/A for 1300 series</p>	<p>1511 µ HP rating N/A</p> <p>ON - ON (momentary 1 side)</p>	<p>X Two colour Matt ON - OFF only (not momentary)</p>
	<p>1520 µ 125V & 250V 1/2 HP H terminal rated T100 only</p> <p>ON - OFF - ON</p>	<p>F Flat lens Gloss (0430 only)</p>
	<p>1521 µ HP rating N/A H terminal rated T100 only</p> <p>ON - OFF - ON (momentary 1 side)</p>	<p>A Softline lens Matt (0430 only) as F but with raised profile</p>
	<p>1522 µ HP rating N/A H terminal rated T100 only</p> <p>ON - OFF - ON (momentary 2 sides)</p>	
	<p>0430 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 ---



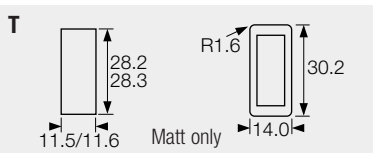
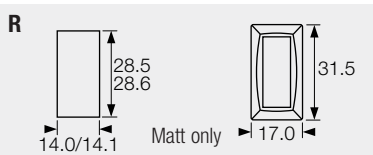
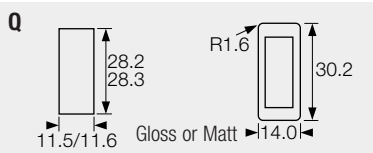
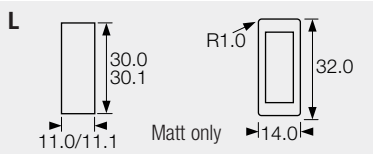
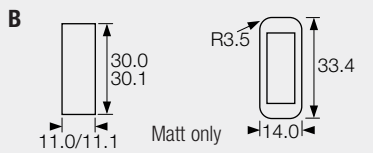
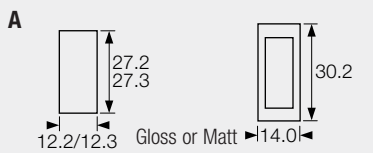
C1520AL ---
T1520AL ---



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.

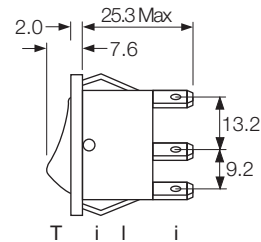


Panel sealing washer W46 is available for the same body sizes, this reduces panel thickness by 0.5mm.
Covers are not suitable for momentary types.

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

For all options call sales.

DIMENSIONS (mm)



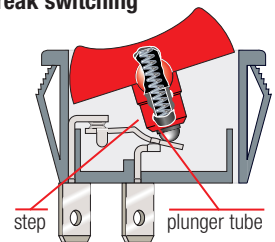
Panel thickness

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



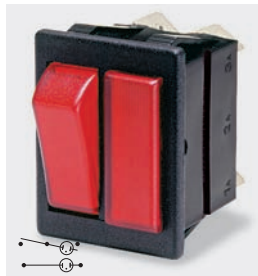
C5503AL ---



C5500AL ---



C5503PL ---



C5503A/C5430AL

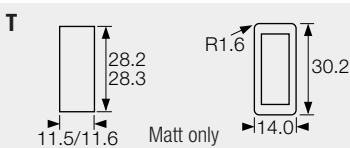
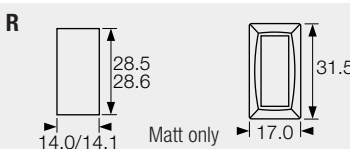
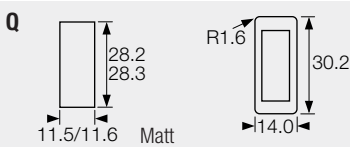
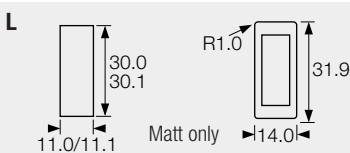
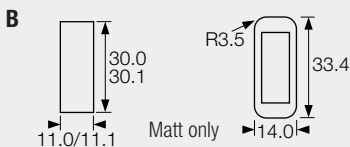
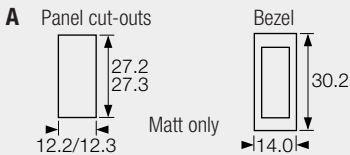


C5503A/C5503AL



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.

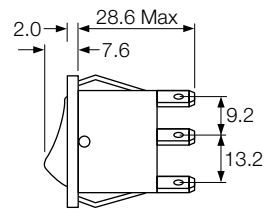
Protective cover
Snaps onto A, L, Q or T bodies (add G after body in cat no.), this reduces panel thickness by 1.0mm.



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)



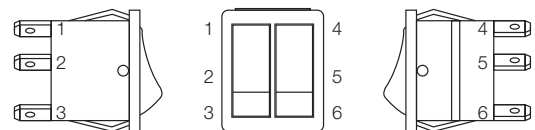
Terminal spacing - Poles 10.8 between centres (twin units)

Panel thickness

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

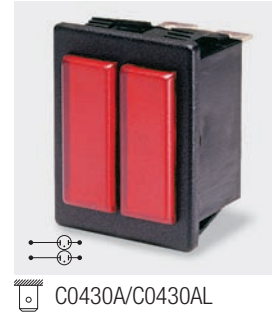
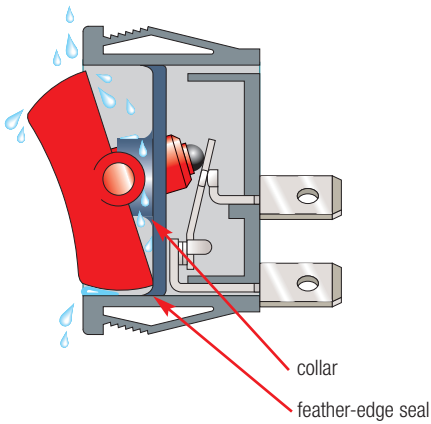
Technical data on pages 4 & 5 (switches), 6 (indicators).

C 1500 A / C 1510 A L ---

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

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

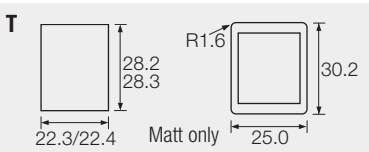
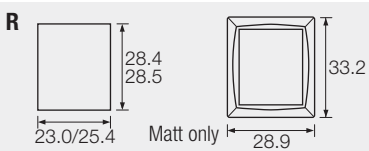
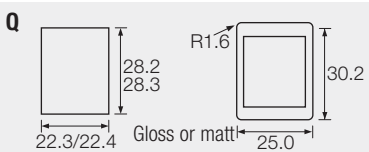
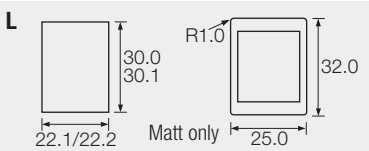
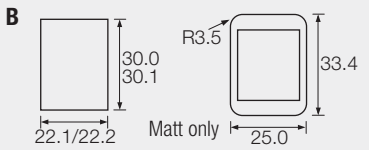
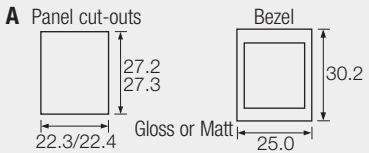
Splash Resistant



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.

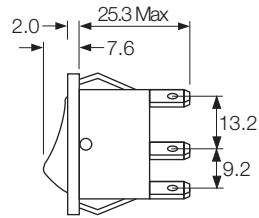
Colour Call sales for custom colours. A full range is available for large orders.

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)



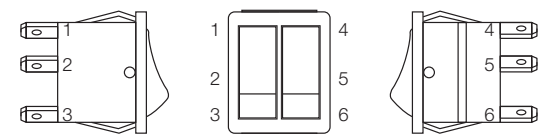
Call sales for terminal spacing details

Panel thickness

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



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 μ .
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>C</p> <p>6.3 x 0.8</p>	<p>Approvals & ratings vary with function ON OFF Switches - ON when pressed over terminal 1</p>	<p>A Softline Matt</p> <p>Lit (not momentary)</p>
<p>H</p> <p>4.8 x 0.8*</p>	<p>Standard 1550</p> <p>High Inrush 1350 Not W, X or B rocker</p> <p>ON - OFF</p>	<p>B Splash resistant Softline</p> <p>V Curved</p> <p>Matt or gloss Gloss only Lit (not momentary)</p>
<p>K</p> <p>2.8 x 0.8*</p>	<p>1551 HP rating N/A</p> <p>1552 HP rating N/A</p> <p>1553 Not W, X or B rocker</p> <p>1353 Not W, X or B rocker</p> <p>ON - OFF Lit</p>	<p>W Splash resistant Curved</p> <p>P Lit window Matt</p> <p>Lit (not momentary)</p>
<p>T</p> <p>02.1</p> <p>Solder</p>	<p>1560 μ</p> <p>1561 μ HP rating N/A</p> <p>1562 μ In house tests only</p> <p>1570 μ 125V & 250V 1/2 HP H terminal rated T100 only</p> <p>ON - ON (momentary 1 side)</p> <p>2 Circuit ON - ON</p> <p>ON - OFF - ON</p>	<p>X Two colour Matt</p> <p>(ON OFF only - not momentary)</p>
<p>U</p> <p>02.1</p> <p>Right angle T Solder (Not DP)</p>	<p>1571 μ HP rating N/A H terminal rated T100 only</p> <p>1572 μ HP rating N/A H terminal rated T100 only</p> <p>ON - OFF - ON (momentary 1 side)</p> <p>ON - OFF - ON (momentary 2 sides)</p>	<p>R Round</p>
<p>X</p> <p>4.0</p> <p>PCB 0.8Sq*</p> <p>*Contact sales for details on 1350 series</p>	<p>1484 μ In-house tested to 1003A 250Vac (B rocker only)</p> <p>1487 μ In-house tested to 1003A 250Vac (B rocker only)</p> <p>3 position selective</p>	<p>F Flat lens Gloss (0480 only)</p> <p>Top view</p>
	<p>0480 X terminal N/A</p> <p>Indicator </p> <p>Technical data on page 6</p>	<p>A Softline lens Matt (0480 only) as F but with raised profile</p>



C1350AL ---



C1550XL ---



C1553PL ---



C1553RA ---
Shown with M614 bezel cover



C0480AL ---



Optional snap-in M441 barrier



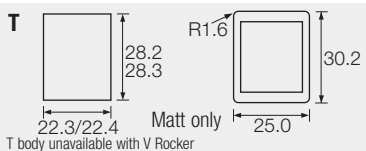
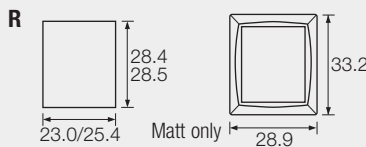
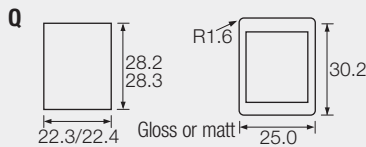
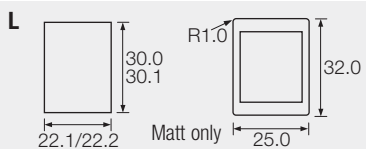
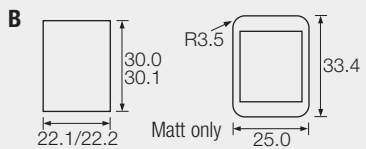
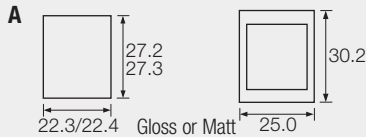
C1553AA with M616 guard
Cut-out 22.0/22.1 x 29.4/29.5
Guard accepts "A" body only



C0480RA ---
Shown with M614 bezel cover

BODY

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



OPTIONS

Finish Matt is standard.

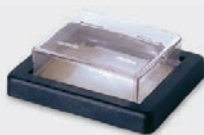
Colour Call sales for custom colours. A full range is available for large orders.

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.



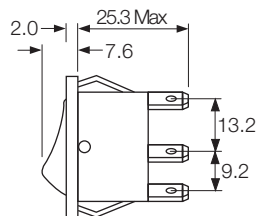
Panel sealing washer W42 is available for the above body sizes. This reduces panel thickness by 0.9mm.

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

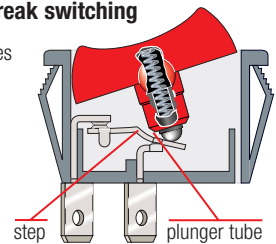
Panel thickness

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 μ .
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
<p>C</p> <p>6.3 x 0.8</p>	<p>Approvals & ratings vary with function ON OFF Switches - ON when pressed over terminal 1</p>	<p>A Softline Matt</p> <p>Lit (not momentary)</p>
<p>H</p> <p>4.8 x 0.8*</p>	<p>Standard 1550</p> <p>High Inrush 1350</p> <p>ON - OFF</p>	<p>V Curved</p> <p>Matt or gloss Gloss only Lit (not momentary)</p>
<p>K</p> <p>2.8 x 0.8*</p>	<p>1551 <small>HP rating N/A</small></p> <p>1552 <small>HP rating N/A</small></p> <p>1553</p> <p>1353</p> <p>ON - OFF Lit</p>	<p>P Lit window Matt</p> <p>Lit (not momentary)</p>
<p>T</p> <p>Solder</p>	<p>1560 μ</p> <p>1561 μ <small>HP rating N/A</small></p> <p>1562 μ <small>In house tests only</small></p> <p>1570 μ <small>125V & 250V 1/2 HP H terminal rated T100 only</small></p> <p>ON - ON (momentary 1 side)</p> <p>2 Circuit ON - ON</p> <p>ON - OFF - ON</p>	
<p>U</p> <p>Right angle T Solder (Not DP)</p>	<p>1571 μ <small>HP rating N/A H terminal rated T100 only</small></p> <p>1572 μ <small>HP rating N/A H terminal rated T100 only</small></p> <p>ON - OFF - ON (momentary 1 side)</p> <p>ON - OFF - ON (momentary 2 sides)</p>	
<p>X</p> <p>PCB 0.8Sq*</p> <p>*Contact sales for details on 1350 series</p>		



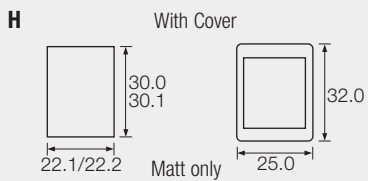
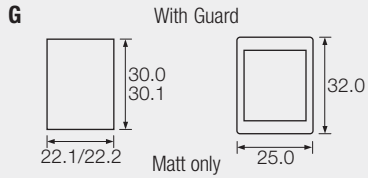
C1550AH ---



C1553AH ---

BODY

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



OPTIONS

Finish Matt is standard.

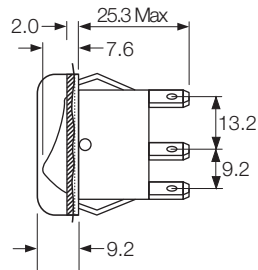
Colour Call sales for custom colours. A full range is available for large orders.

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

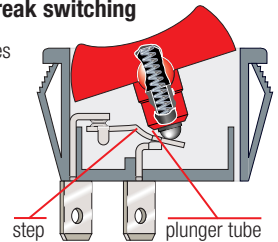
Panel thickness

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 μ 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

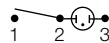
TERMINAL FUNCTION ROCKER BODY PRINT, COLOUR, VOLTAGE ETC

PRODUCT DETAILS



SP ON - OFF μ

Cat no.
R13 112A AAA



SP ON - OFF μ
Lit 230V

Cat no.
R13 112B NAC



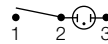
SP ON - OFF μ

Cat no.
R13 112A AAB



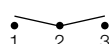
SP ON - ON μ

Cat no.
R13 112C AAA



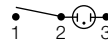
SP ON - OFF μ
Lit 230V

Cat no.
R13 112B NAA



SP ON - OFF - ON μ

Cat no.
R13 112D AAA



SP ON - OFF μ
Lit 230V

Cat no.
R13 112B NAB



SP ON - OFF μ
(Momentary ON)

Cat no.
R13 208F AAA*



DP ON - OFF

Cat no.
R13 244A AAA

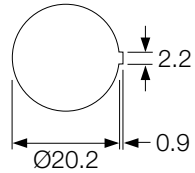


DP ON - OFF
Lit 230V

Cat no.
R13 244B NAA

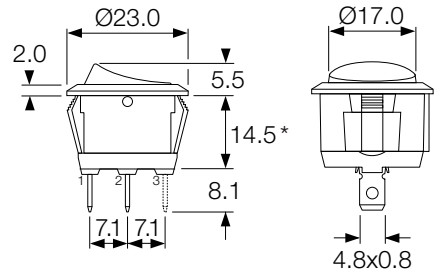
DIMENSIONS (mm)

Panel cut-out



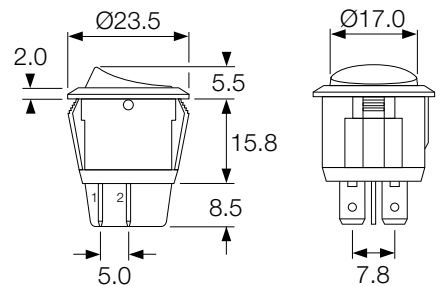
Snap fixing into panel thickness up to 3.0

Single pole



* R13 208F has 12.5mm deep body

Double pole





R13 112B NAA



R13 112A AAA

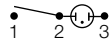
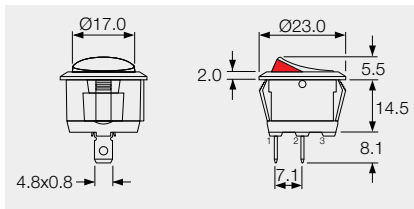


R13 112A2 ---

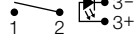
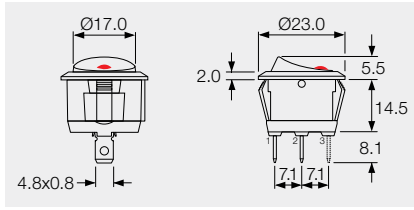
**PRODUCT
DETAILS**



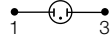
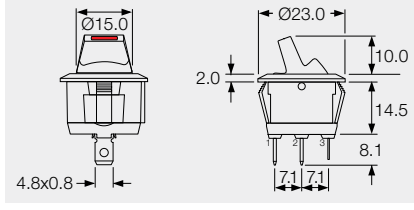
SP ON - OFF μ
Bright colour ON signal
Cat no.
R13 112A2 - -



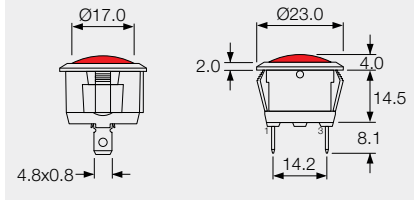
SP ON - OFF μ
Lit Window
Cat no.
R13 112B2 - -



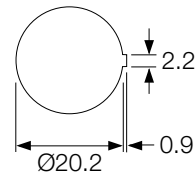
SP ON - OFF μ
Paddle tip has red LED
Cat no.
R13 112LP - -



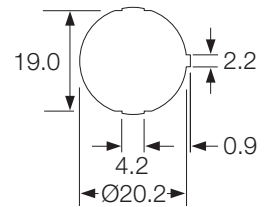
Indicator light
Cat no.
R9 92B - - -



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.