

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 17.4 x 6.8
Twin 17.4 x 13.4



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

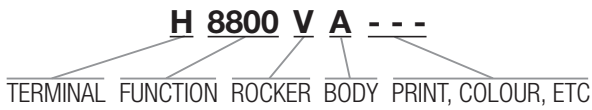


UL CSA 15A 250Vac (Twin unit is 10A 250Vac)
UL CSA 125Vac 1/2hp
UL 100°C, file E45221, CSA file LR10990



RoHS compliant

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



▶ 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>			



X8800VA ---



H8800VA ---
T8800VA ---



H8800VA ---
T8800VA ---



H8800V/H8800VA
T8800V/T8800VA



H8800V/H8800VA
T8800V/T8800VA

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

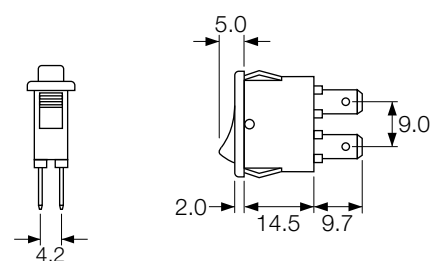
Finish
Matt finish only.

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

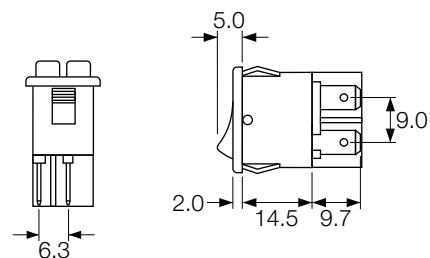
Legend printing
Select from the examples or call sales for custom legends.

Dimensions (mm)

8800VA (H terminals shown)



8800V/8800VA (H terminals shown)



Examples of printing



CL132



CL133

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
- ▶ Panel cut out: 19.3 x 12.9



10(6)A 250Vac T125 (non lit types)
 6(4)A 250Vac T125 5E4 (50,000 Operations) (non lit types)
 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, file E45221, CSA file LR10990

In house test

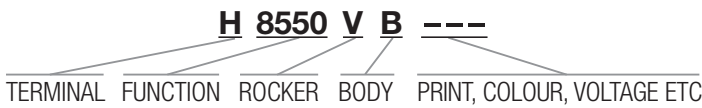
Inrush 85A to EN61058-1 & 10A 24Vdc



RoHS compliant

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

rocker switches



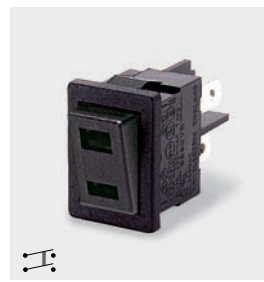
TERMINAL	FUNCTION		ROCKER
<p>H</p> <p>4.8 x 0.8</p>	<p>Approvals & ratings vary with function</p>	<p>ON OFF Switches are ON when pressed over terminal 1</p>	<p>H Slotted for custom caps</p> <p>Slots for snap-in buttons</p>
<p>K</p> <p>2.8 x 0.8</p>	<p>8500</p>	<p>ON - OFF Single pole (Uses terminals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

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

Finish
Matt finish only.

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

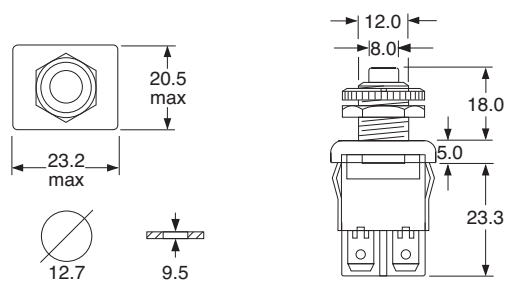
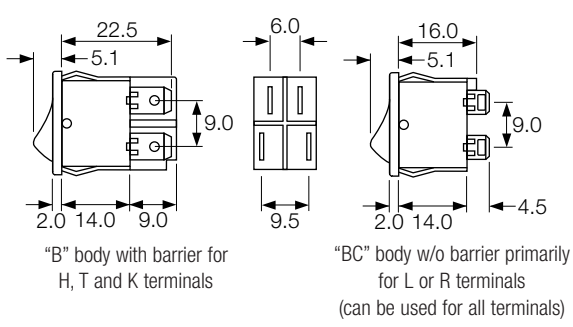
Legend printing
Select from the examples or call sales for custom legends.

Lamp voltage
Call sales for details of available voltages.

Protective cover L167
(designed to IP65)
Snaps on to bodies with V or X style rockers and A style lens, this reduces maximum acceptable panel thickness to 2.2mm.

Cut-outs must be punched in the direction of insertion

DIMENSIONS (mm)



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

Examples of printing



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



- ▶ 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



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



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

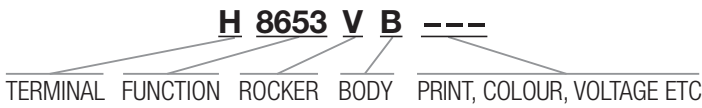
In house test

Inrush 50A to EN61058-1 & 10A 24Vdc



RoHS compliant

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



TERMINAL	FUNCTION		ROCKER
<p>H</p> <p>4.8 x 0.8</p>	<p>Approvals & ratings vary with function</p>	<p>ON OFF Switches are ON when pressed over terminal 3</p>	<p>V Curved</p>
	<p>ON - OFF</p>	<p>8600 10(4)A 16A 250V, 10A 277V 1/2HP 277V, 1/4HP 125V</p>	<p>8650 10(4)A 10A 277V 1/2HP 277V, 1/4HP 125V</p>
	<p>ON - OFF (momentary ON)</p>	<p>8601 6(1)A 16A 250V, 6A 277V</p>	<p>8651 6(1)A 6A 277V</p>
	<p>ON - OFF (momentary OFF)</p>	<p>8602 10A 16A 250V, 10A 277V</p>	<p>8652 10(4)A 6A 277V</p>
	<p>ON - OFF Lit</p>	<p>N/A</p>	<p>8653 10(4)A 6A 277V</p>
	<p>ON - ON</p>	<p>8610 6(1)A 10A 277V 1/2HP 277V, 1/4HP 125V</p>	<p>8660 6(1)A 10A 277V, 1/2HP 277V 1/2HP 277V, 1/4HP 125V</p>
	<p>ON - ON (momentary 1 side)</p>	<p>8611 6A 277V</p>	<p>8661 6A 277V</p>
	<p>ON - OFF - ON</p>	<p>8620 μ See page 16</p>	<p>8670 μ See page 16</p>
<p>Double Pole switches with "X" terminals are supplied without terminal barriers</p>	<p>Indicator</p>	<p>8630</p>	<p>H Slotted for actuator (8600 and 8610 only)</p> <p>F Flat Indicator only (Single pole)</p>



H8600VB ---
T8600VB ---



H8600VB ---
T8600VB ---



H8630FB ---
T8630FB ---



H8650VB ---
T8650VB ---



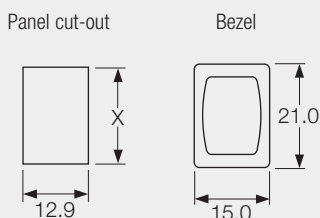
H8660VB ---
T8660VB ---



H8653VB ---
T8653VB ---

BODY

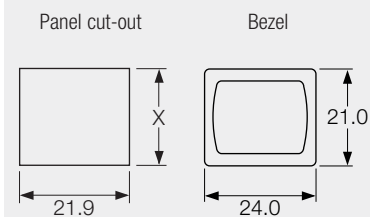
B Single pole



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



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.

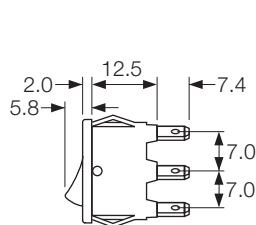
Protective covers
L167 for SP
L180 for DP
(designed to IP65)
Snap on to bodies with V rocker or F lens, this reduces maximum acceptable panel thickness to 2.2mm.



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

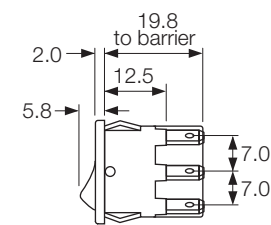
DIMENSIONS (mm)

Single pole



Terminals shown are "H" 4.8 push on type

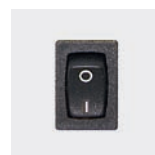
Double pole



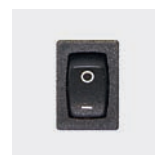
Terminal spacing 10.2 between pole centres

For 8620 and 8670 dimensions see page 16

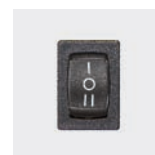
Examples of printing



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

H8620VB --- H8670VB ---
 T8620VB --- T8670VB ---



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

RoHS

RoHS compliant

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

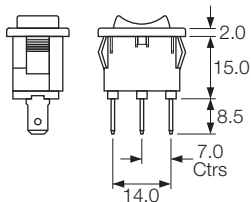
H 8620 V B - - -

TERMINAL FUNCTION ROCKER BODY PRINT, COLOUR, ETC

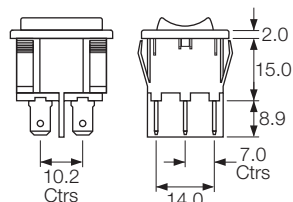
▶ TERMINAL	▶ FUNCTION	▶ ROCKER	▶ BODY	▶ OPTIONS
<p>H</p> <p>4.8 x 0.8</p>	<p>8620</p> <p>ON - OFF - ON Single pole</p>	<p>V Curved</p>	<p>B Single pole</p> <p>Panel thickness 0.75-1.24 1.25-1.99 2.00-3.00</p> <p>Dim X 19.1/19.2 19.3/19.4 19.7/19.8</p>	<p>Finish Matt finish only.</p> <p>Colour Call sales 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 (designed to IP65) Snaps on to body, this reduces maximum acceptable panel thickness to 2.2mm.</p>
<p>T</p> <p>02.15</p> <p>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>Panel thickness 0.75-1.24 1.25-1.99 2.00-3.00</p> <p>Dim X 19.1/19.2 19.3/19.4 19.7/19.8</p>	
<p>X</p> <p>4.0</p> <p>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)

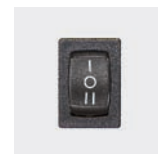
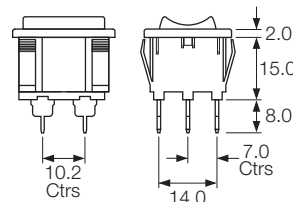
8620VB (H terminals shown)



8670VB (H terminals shown)



8670VB (X terminals shown)



CL141



CL142

1250 Rocker Switches 10A 250Vac

rocker switches



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

In house test

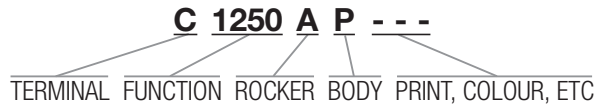
Inrush 75A to EN61058-1



RoHS compliant

3mm contact gap
 Technical data on pages 4 & 5

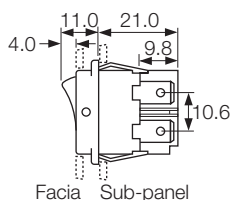
- ▶ Standard rocker switch
- ▶ Double pole in single pole body
- ▶ Snap in or sub panel mount
- ▶ Integral terminal barrier
- ▶ Push on or PCB terminals
- ▶ High inrush tolerance
- ▶ Panel cut out:
 27.2 x 12.4 (snap in)
 26.3 x 12.4 (sub panel mount)



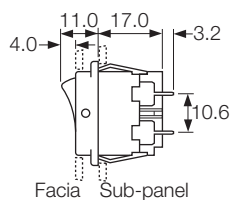
▶ TERMINAL	▶ FUNCTION	▶ ROCKER	▶ BODY	▶ OPTIONS
<p>C</p> <p>6.3 x 0.8</p>	<p>1250</p> <p>ON - OFF Double pole</p> <p>Poles are 9.0mm between centres.</p>	<p>A Curved</p> <p>Shown in N body</p>	<p>N</p> <p>Panel cut-out Bezel</p> <p>Panel thickness Dim X</p> <p>0.75-1.24 26.1/26.2</p> <p>1.25-1.99 26.3/26.4</p> <p>2.00-3.00 26.7/26.8</p>	<p>Finish</p> <p>Matt finish only.</p> <p>Colour</p> <p>Call sales for custom colours. A full range is available for large orders.</p> <p>Legend printing</p> <p>Select from the examples or call sales for custom legend.</p> <p>Connector block available F1344</p> <p>To aid wire harness assembly</p>
<p>X</p> <p>PCB 0.8sq (N body only)</p>	<p>1250SP</p> <p>ON - OFF Single pole</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>	

Dimensions (mm)

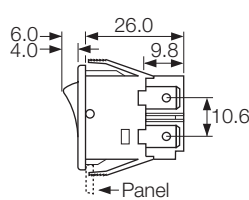
1250AN (C terminals shown)



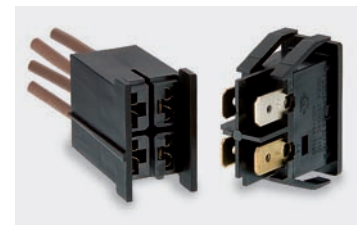
1250AN (X terminals shown)



1250AP (C terminals shown)



Connector Block F1344



6000 SP Splash Resistant Rocker Switches 16A 250Vac

rocker switches



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



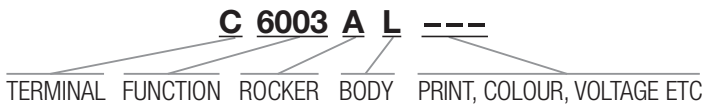
European 16(4)A 250Vac T125, 10A 400Vac T125
 UL CSA 20A 277Vac, 250Vac 11/2hp, 125Vac 1hp
 UL 100°C, file E45221, CSA file LR10990

Inrush 150A* to EN61058-1 (ON - OFF only)
 * applies to non-momentary types

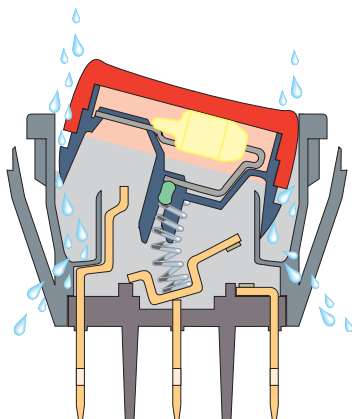
RoHS

RoHS compliant

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



▶ TERMINAL	▶ FUNCTION		▶ ROCKER	
C 6.3 x 0.8	Approvals & ratings vary with function ON OFF Switches - ON when pressed over terminal 3		A Softline Matt A Softline Matt Lit P Lit window Matt A Lens Matt (6030 indicator only) 	
	6000	ON - OFF		
	6001	ON - OFF (momentary ON)		
H 4.8 x 0.8	6002	ON - OFF (momentary OFF)		
	6003	ON - OFF Lit		
	6008	ON - OFF Lit (Unswitched neutral)		
S Screw & Clamp N/A for assemblies with 3 terminals	6009	ON - OFF (momentary ON) Lit (Unswitched neutral)		
	6010	ON - ON		
	6011	ON - ON (momentary 1 side)		
	6030	Indicator		
For twin switches and double pole circuits see pages 20 & 21				



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 ---



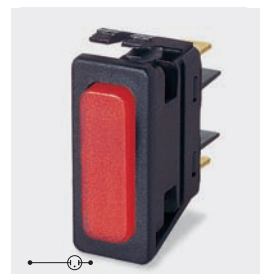
C6010AL ---



C6003AL ---

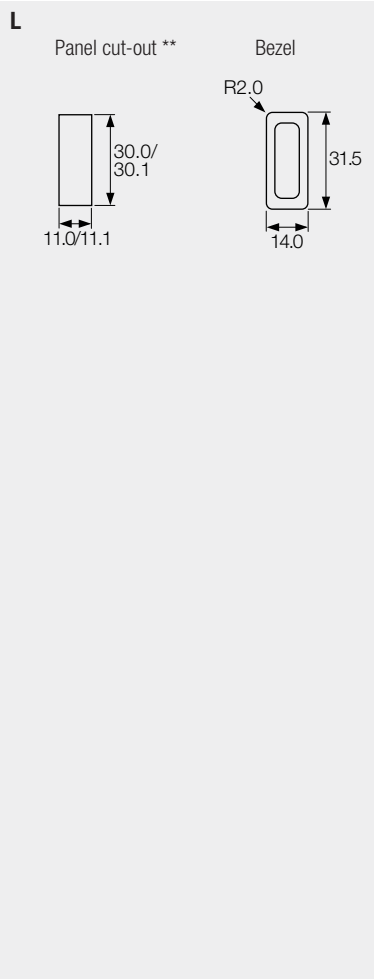


C6003PL ---



C6030AL ---

▶ BODY	▶ OPTIONS
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Cut-outs must be punched in the direction of insertion

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.

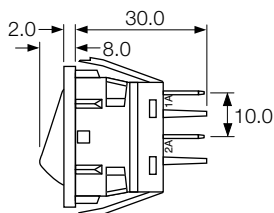
Protective cover (designed to IP65)
A snap on cover is available (add G after body code), this reduces maximum acceptable panel thickness to 2mm.



Panel sealing washer W46 is available, this reduces maximum acceptable panel thickness to 1.2mm. Covers are not suitable for momentary types.

For all options call sales.

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
- ▶ Panel cut out: 30.1 x 22.2mm



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

In house test

Inrush 150A* to EN61058-1

8(8)A 250Vac T125 5E4 on 6050 only

* applies to non-momentary types

RoHS

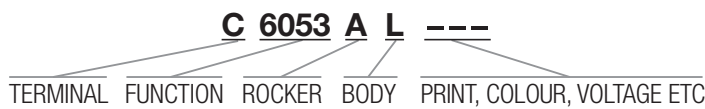
RoHS compliant

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.



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 terminals 3 & 6</p>	<p>A Softline Matt</p>	
<p>H</p> <p>4.8 x 0.8</p>	<p>6050 ON - OFF </p>	<p>A Softline Matt</p> <p>Lit</p>	
	<p>6051 ON - OFF (momentary ON) </p>		<p>6060 ON - ON </p>
	<p>6052 ON - OFF (momentary OFF) </p>		<p>6061 ON - ON (momentary 1 side) </p>
	<p>6053 ON - OFF Lit </p>		<p>6062 2 Circuit ON - ON <small>In house tests only</small> </p>
	<p>6054 ON - OFF (momentary ON) Lit </p>		<p>6066 ON - ON (Single pole) Isolated light </p>
	<p>6055 ON - OFF (Single pole) (momentary ON) Lit </p>		<p>6067 ON - ON Lit </p>
	<p>6056 ON - OFF (Single pole) Isolated light </p>		<p>6068 ON - ON 1pole ON - OFF Lit 1pole </p>
	<p>6057 ON - OFF Isolated light </p>		<p>6090 ON - OFF 1pole ON - OFF Lit 1pole </p>
	<p>6058 ON - OFF (Single pole) Lit </p>		<p>6091 ON - OFF (momentary ON) Lit </p>
	<p>6059 ON - OFF (Single pole) (momentary ON) Isolated light </p>		<p>6092 ON - OFF 1 pole ON - ON 1 pole Lit </p>
<p>Screw & Clamp N/A for assemblies with 3 terminals in either pole</p>	<p>Circuits are Double Pole unless described otherwise</p>	<p>P Lit Window Matt</p> <p>Lit Window</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



C6050AL ---



C6053AL ---



C6053PL ---



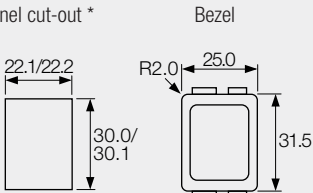
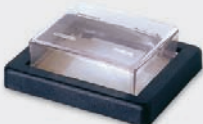
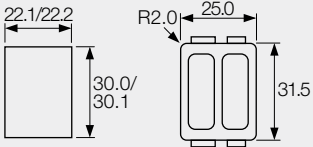
C6000A/C6000AL



C6003P/C6003PL

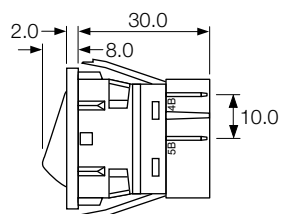


C6003P/C6030AL

BODY	OPTIONS
<p>L Double pole</p> <p>Panel cut-out * Bezel</p> 	<p>Finish Matt is standard.</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 factory for custom legends.</p> <p>Lamp voltage Call sales for details.</p> <p>Protective cover (designed to IP65 #) 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 maximum acceptable panel thickness to 2mm.</p> 
<p>L Twin units</p> <p>Contact sales for information on splash resistance and IP ratings</p> <p>Panel cut-out * Bezel</p> 	<p>Panel sealing washer W42 is available, this reduces maximum acceptable panel thickness to 1.2mm. Covers are not suitable for momentary types.</p> <p>IP Ratings Call the sales for details.</p> <p>Terminal Link P1067 connects the poles of a double pole switch or twin unit.</p> <p># Mounting orientation may affect IP rating.</p> <p>For all options call sales.</p>

Cut-outs must be punched in the direction of insertion

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

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

rocker switches



- ▶ 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
- ▶ Panel cut out 'A' style: 27.3 x 12.3mm



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

10A 24Vdc

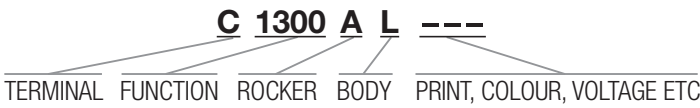
1300 series 16(6)A 250Vac T125 5E4 (50,000 Ops.)
 150A Inrush to EN61058-1

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

20A 24Vdc

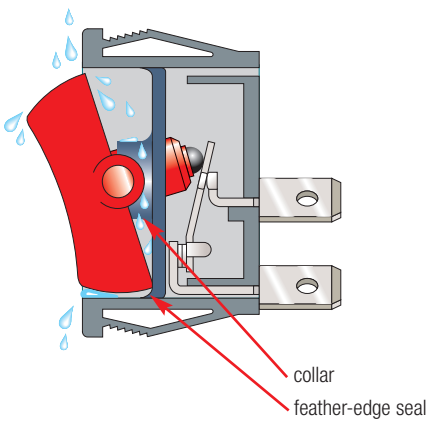
RoHS compliant

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



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 Approvals apply to C & T terminals only</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>2.8 x 0.8*</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>2.8 x 0.8*</p> <p>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>2.8 x 0.8*</p> <p>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

A

B

L

Q

R

T

OPTIONS

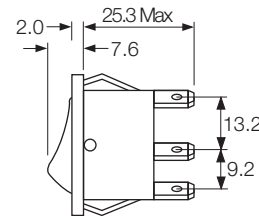
- Finish** Matt is standard.
- Colour** Call sales for custom colours. A full range is available for large orders.
- Legend printing** Select from the examples or call sales for custom legends.
- Lamp voltage** Call sales for details.
- Blanking plates A0434 - -** Dummy units to fill unused panel holes.
- Protective cover** (designed to IP65) Snaps on to A, L, Q or T bodies (add G after body in cat no.), this reduces maximum acceptable panel thickness to 2mm.



Panel sealing washer W46 is available for the same body sizes, this reduces maximum acceptable panel thickness to 1.2mm. Covers are not suitable for momentary types.

For all options call sales.

DIMENSIONS (mm)



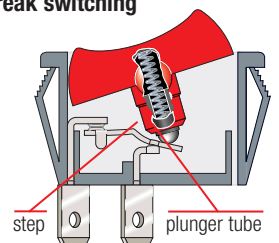
Panel thickness

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



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

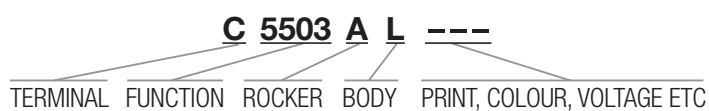
In house test

Inrush 24A to EN61058-1



RoHS compliant

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.



▶ 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>Lit</p>
<p>T</p> <p>∅2.1</p> <p>Solder</p>	<p>5508 μ for special applications</p>	<p>ON - OFF Lit Unswitched neutral</p>	<p>P Lit window (Matt only)</p>



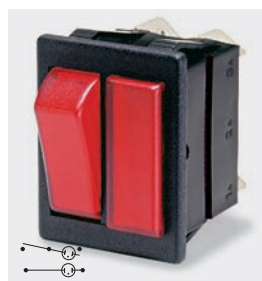
C5503AL ---



C5500AL ---



C5503PL ---



C5503A/C5430AL

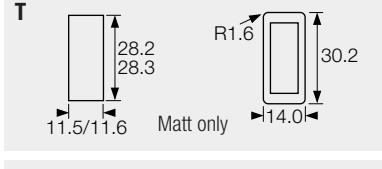
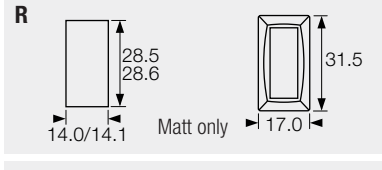
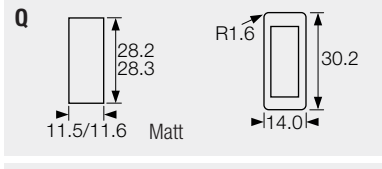
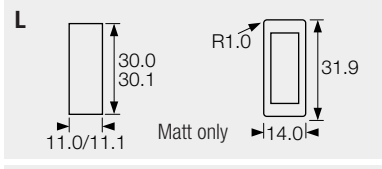
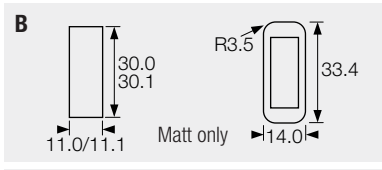
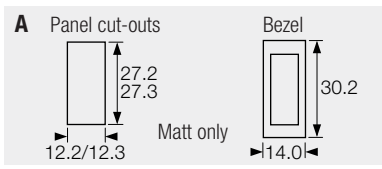


C5503A/C5503AL



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.

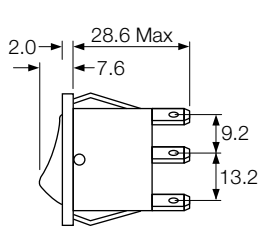
Protective cover (designed to IP65)
Snaps on to A, L, Q or T bodies (add G after body in cat no.), this reduces maximum acceptable panel thickness to 1.2mm.



Panel sealing washers W46 (Single Pole) and W42 (Double Pole) are available for these body types, this reduces maximum acceptable panel thickness to 2mm.

For all options call the factory.

DIMENSIONS (mm)



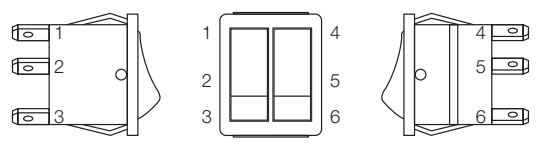
Terminal spacing - Poles 10.8 between centres (twin units)

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



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



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

In house test

Inrush 36A to EN61058-1

For versions with High Inrush or for 50,000 operations, see page 20.



RoHS compliant

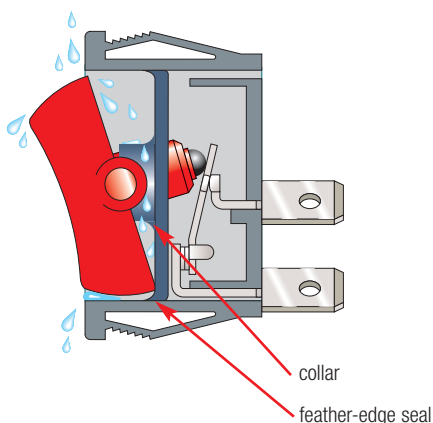
3mm contact gap except where marked μ .
 Technical data on pages 4 & 5 (switches), 6 (indicators).

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</p> <p>ON - OFF</p>	<p>B Softline splash resistant (Matt)</p>	
<p>K</p> <p>2.8 x 0.8</p>	<p>1510 μ <small>HP rating N/A</small></p> <p>ON - ON</p>	<p>W Curved splash resistant (Matt)</p>	
<p>T</p> <p>Solder</p>	<p>1520 μ <small>125V & 250V 1/2 HP H terminal rated T100 only</small></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 <small>X terminal N/A</small></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 Hytel collar/seals for enhanced protection.



C1500A/C1500AL



C1500A/C0430AL



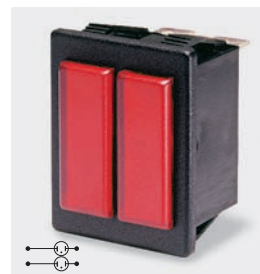
C1500X/C1500XL



C1520A/C1510AL

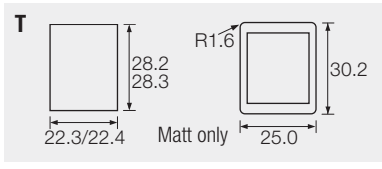
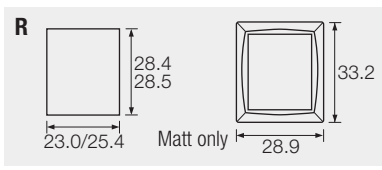
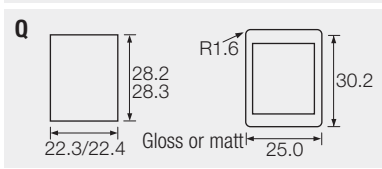
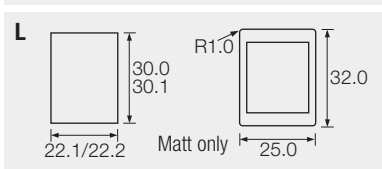
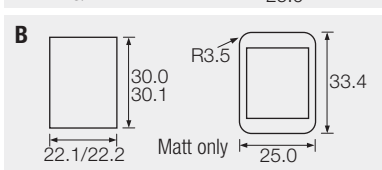
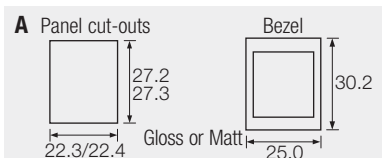


C1500A/C1520AL



C0430A/C0430AL

BODY



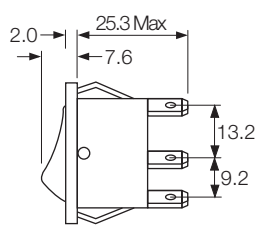
Cut-outs must be punched in the direction of insertion

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)



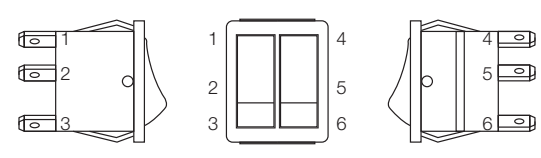
Panel thickness

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

Call sales for terminal spacing details

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
- ▶ Panel cut out 'A' style: 27.2 x 22.3mm



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.



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

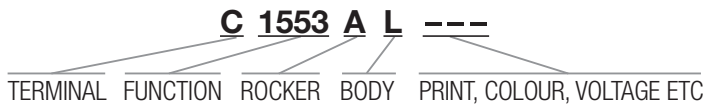
20A 24Vdc



RoHS compliant

3mm contact gap except if marked μ.

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



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>K</p> <p>2.8 x 0.8*</p>	<p>1551 HP rating N/A</p> <p>ON - OFF (momentary ON)</p>	<p>V Curved</p> <p>Matt or gloss Gloss only Lit (not momentary)</p>
<p>T</p> <p>Solder</p>	<p>1552 HP rating N/A</p> <p>ON - OFF (momentary OFF)</p>	<p>W Splash resistant Curved</p>
<p>U</p> <p>Right angle T Solder (Not DP)</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>P Lit window Matt</p> <p>Lit (not momentary)</p>
<p>X</p> <p>PCB 0.8Sq*</p>	<p>1560 μ</p> <p>ON - ON</p>	<p>X Two colour Matt</p>
	<p>1561 μ</p> <p>HP rating N/A</p> <p>ON - ON (momentary 1 side)</p>	<p>R Round</p>
	<p>1562 μ</p> <p>In house tests only</p> <p>2 Circuit ON - ON</p>	<p>F Flat lens Gloss (0480 only) (ON OFF only - not momentary)</p>
	<p>1570 μ</p> <p>125V & 250V 1/2 HP H terminal rated T100 only</p> <p>ON - OFF - ON</p>	<p>A Softline lens Matt (0480 only) as F but with raised profile</p>
	<p>1571 μ</p> <p>HP rating N/A H terminal rated T100 only</p> <p>ON - OFF - ON (momentary 1 side)</p>	
	<p>1572 μ</p> <p>HP rating N/A H terminal rated T100 only</p> <p>ON - OFF - ON (momentary 2 sides)</p>	
	<p>1484 μ</p> <p>In-house tested to 10(3)A 250Vac (B rocker only)</p> <p>3 position selective</p>	
	<p>1487 μ</p> <p>In-house tested to 10(3)A 250Vac (B rocker only)</p> <p>3 position selective (Consult sales for other switch options)</p>	
	<p>0480</p> <p>X terminal N/A</p> <p>Indicator</p> <p>Technical data on page 6</p>	





C1350AL ---



C1550XL ---



C1553PL ---



C1553RA ---
Shown with M614 bezel cover



C0480AL ---



Optional snap-in M441 barrier



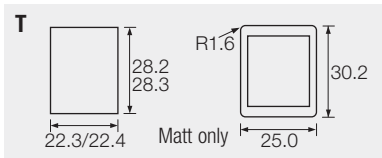
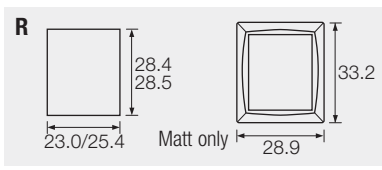
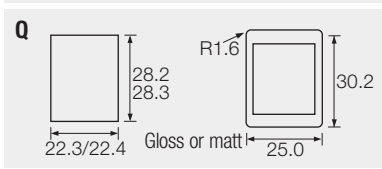
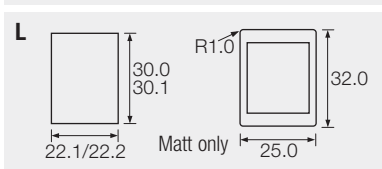
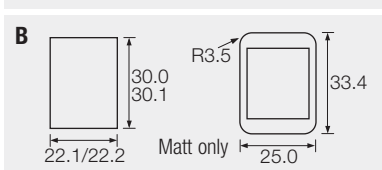
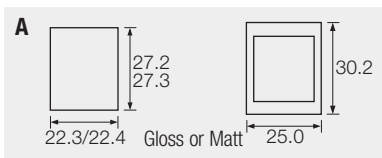
C1553AA with M616 guard
Cut-out 22.0/22.1 x 29.4/29.5
Guard accepts "A" body only



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.

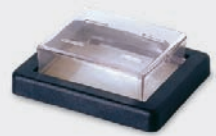
Colour Call sales for custom colours. A full range is available for large orders.

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.

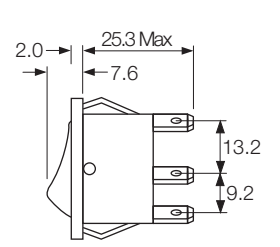
Protective cover (designed to IP65)
Snaps on to A, L, Q or T bodies (add G after body in cat no), this reduces maximum acceptable panel thickness to 1.2mm.



Panel sealing washer W42 is available for the above body sizes, this reduces maximum acceptable panel thickness to 2mm. Covers are not suitable for momentary types.

For all options call sales.

DIMENSIONS (mm)



Terminal spacing - Poles 10.2 between centres

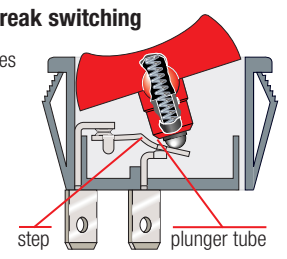
Panel thickness

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



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



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.



1350 series 16(4)A 250Vac T85 1E4 (10,000 Ops.)
On request 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



RoHS compliant

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

C 1553 A G ---

TERMINAL FUNCTION ROCKER BODY PRINT, COLOUR, VOLTAGE ETC

TERMINAL	FUNCTION		ROCKER
C 6.3 x 0.8 9.1	Approvals & ratings vary with function ON OFF Switches - ON when pressed over terminal 1		A Softline Matt Lit (not momentary)
H 4.8 x 0.8* 9.1	Standard 1550 High Inrush 1350	ON - OFF 	V Curved Matt or gloss Gloss only Lit (not momentary)
K 2.8 x 0.8* 9.1 2.0 1.2	1551 <small>HP rating N/A</small> 1552 <small>HP rating N/A</small> 1553 1353 1560 μ 1561 μ <small>HP rating N/A</small> 1562 μ <small>In house tests only</small> 1570 μ <small>125V & 250V 1/2 HP H terminal rated T100 only</small> 1571 μ <small>HP rating N/A H terminal rated T100 only</small> 1572 μ <small>HP rating N/A H terminal rated T100 only</small>	ON - OFF Lit ON - ON ON - ON (momentary 1 side) 2 Circuit ON - ON ON - OFF - ON ON - OFF - ON (momentary 1 side) ON - OFF - ON (momentary 2 sides)	P Lit window Matt Lit (not momentary)
T Solder 7.0 Ø2.1			
U Right angle T Solder (Not DP) 3.2 Ø2.1			
X PCB 0.8Sq* 9.1 4.0			

*Contact sales for details on 1350 series

rocker switches



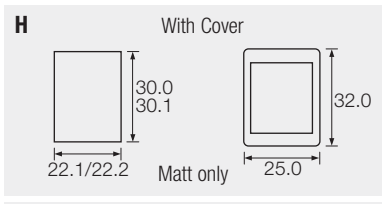
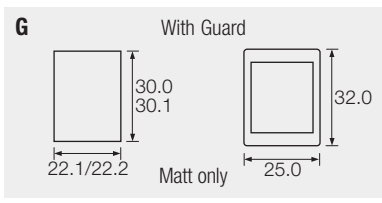
C1550AH ---



C1553AH ---

BODY

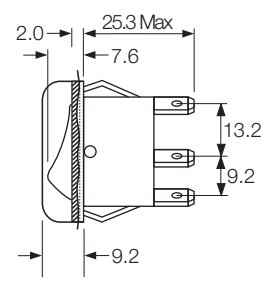
Panel cut-out * Bezel
Cut-outs must be punched in the direction of insertion



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.

DIMENSIONS (mm)



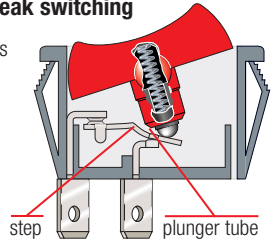
Panel thickness
G, H 0.75 to 2.5mm

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

Terminal spacing - Poles 10.2 between centres

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

rocker switches



- ▶ 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.



SP 10(4)A 250Vac T85

DP 10(4)A 250Vac T85



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

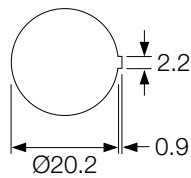
TERMINAL FUNCTION ROCKER BODY PRINT, COLOUR, VOLTAGE ETC

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

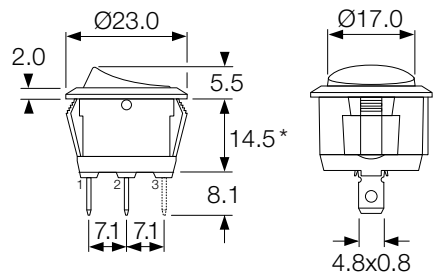
DIMENSIONS (mm)

Panel cut-out



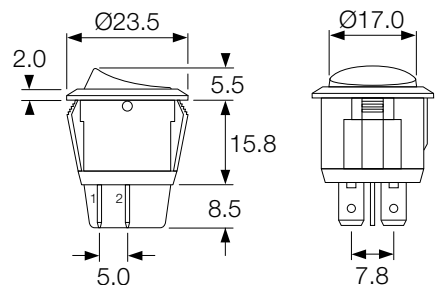
Snap fixing into panel thickness up to 3.0

Single pole



* R13 208F has 12.5mm deep body

Double pole





R13 112B NAA



R13 112A AAA



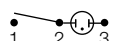
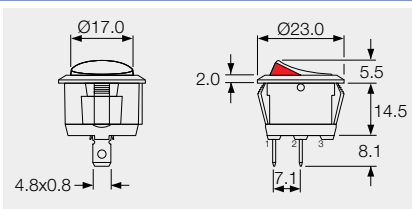
R13 112A2 ---

PRODUCT DETAILS



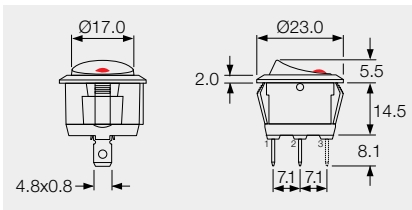
SP ON - OFF μ
Bright colour ON signal

Cat no.
R13 112A2 - -



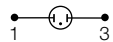
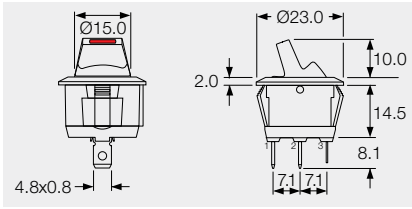
SP ON - OFF μ
Lit Window

Cat no.
R13 112B2 - -



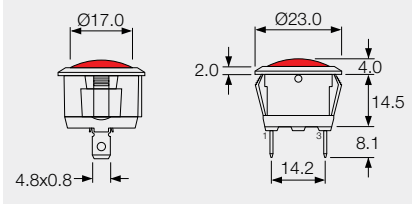
SP ON - OFF μ
Paddle tip has red LED

Cat no.
R13 112LP - -

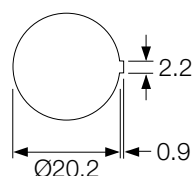


Indicator light

Cat no.
R9 92B - - -



PANEL CUT-OUT (mm)



Snap fixing into panel thickness up to 3.0



Protective cover L188

Snaps on to bodies (not R13 211 or R13 112LP), this reduces maximum acceptable panel thickness to 2.4mm.

approvals - contact sales