

# 8800 Thinline Rocker Switches 10A 250Vac



- ▶ 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.

**H 8800 V A - - -**  
 TERMINAL FUNCTION ROCKER BODY PRINT, COLOUR, ETC

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TERMINAL	FUNCTION	ROCKER
<p><b>H</b></p> <p>4.8 x 0.8</p>	<p>Switches are ON when pressed over terminal 1</p>	<p><b>V</b> Curved</p>
<p><b>8800</b></p> <p>ON - OFF Single pole</p>	<p><b>8700</b></p> <p>ON - OFF Single pole Lower current version - contact sales for further information</p>	
<p><b>T</b></p> <p>3.5 x 0.8 Solder</p>	<p>Switches are ON when pressed over terminals 1 or 3</p>	
<p><b>X</b></p> <p>0.8Sq Solder *</p> <p>*Available for single switch only, not twin</p>	<p><b>8800/8800</b></p> <p>ON - OFF Twin (Single pole)</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

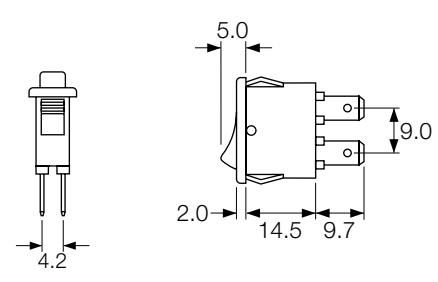
**OPTIONS**

**Finish**  
Matt finish only.

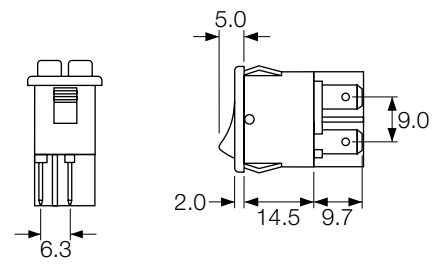
**Colour**  
Call sales for custom colours.  
A full range is available for large orders.

**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 accessories
- ▶ 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).



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**H 8550 V B ---**  
 TERMINAL FUNCTION ROCKER BODY PRINT, COLOUR, VOLTAGE ETC

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



H8500VB ---  
T8500VB ---



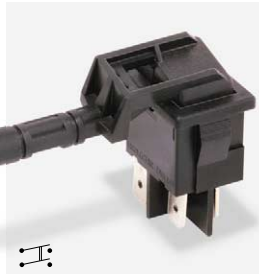
H8550VB ---  
T8550VB ---



H8550HB ---  
T8550HB ---



H8550XB ---  
T8550XB ---



H8550RB Semi-rotary  
A splash proofing option



H8500PO ---  
Pushbutton option



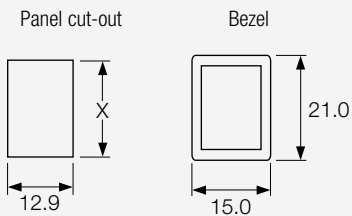
H8553VB ---  
T8553VB ---



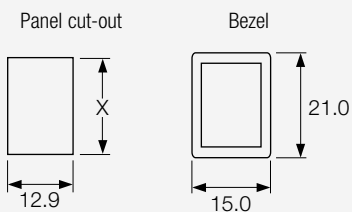
H8580AB ---

**BODY**

**B**  
Standard body with terminal barrier



**BC**  
Body without terminal barrier



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.

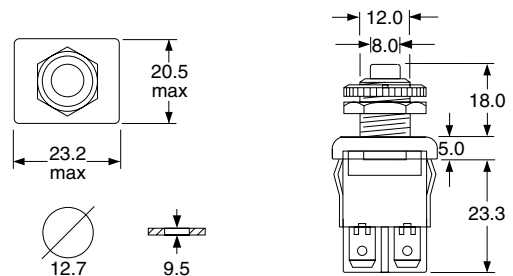
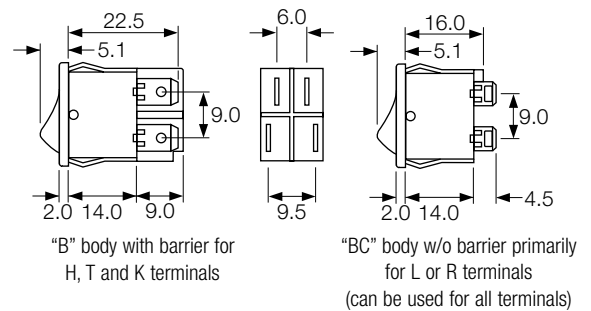
**Legend printing**  
Select from the examples or call sales for custom legends.

**Lamp voltage**  
Call sales for details of available voltages.

**Protective cover L167**  
(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.



**DIMENSIONS (mm)**



**Examples of printing**



# 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



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

**H 8653 V B ---**

TERMINAL FUNCTION ROCKER BODY PRINT, COLOUR, VOLTAGE ETC



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TERMINAL	FUNCTION		ROCKER
<b>H</b>  4.8 x 0.8	Approvals & ratings vary with function	 ON OFF Switches are ON when pressed over terminal 3	<b>V</b> Curved 
<b>T</b>  3.5 x 0.8 Solder	<b>ON - OFF</b> <b>8600</b> 10(4)A 16A 250V, 10A 277V 1/2HP 277V, 1/4HP 125V	 <b>8650</b> 10(4)A 10A 277V 1/2HP 277V, 1/4HP 125V	<b>V</b> Curved (lit) 
<b>X</b>  PCB 0.8 Sq	<b>ON - OFF (momentary ON)</b> <b>8601</b> 6(1)A 16A 250V, 6A 277V	 <b>8651</b> 6(1)A 6A 277V	<b>D</b> Paddle lever (Single pole non-lit only) 
	<b>ON - OFF (momentary OFF)</b> <b>8602</b> 10A 16A 250V, 10A 277V	 <b>8652</b> 10(4)A 6A 277V	<b>H</b> Slotted for actuator (8600 and 8610 only) 
	<b>ON - OFF Lit</b> <b>N/A</b>	 <b>8653</b> 10(4)A 6A 277V	
	<b>ON - ON</b> <b>8610</b> 6(1)A 10A 277V 1/2HP 277V, 1/4HP 125V	 <b>8660</b> 6(1)A 10A 277V, 1/2HP 277V 1/2HP 277V, 1/4HP 125V	<b>F</b> Flat Indicator only (Single pole) 
	<b>ON - ON (momentary 1 side)</b> <b>8611</b> 6A 277V	 <b>8661</b> 6A 277V	
	<b>ON - OFF - ON</b> <b>8620 <math>\mu</math></b> See page 16	 <b>8670 <math>\mu</math></b> See page 16	
Double Pole switches with "X" terminals are supplied without terminal barriers	<b>Indicator</b> <b>8630</b>  		



H8600VB ---  
T8600VB ---



H8600VB ---  
T8600VB ---



H8630FB ---  
T8630FB ---



H8650VB ---  
T8650VB ---



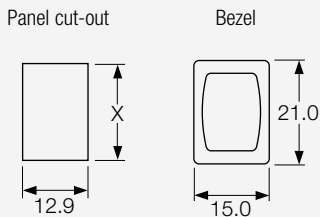
H8660VB ---  
T8660VB ---



H8653VB ---  
T8653VB ---

**BODY**

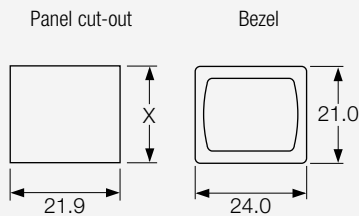
**B Single pole**



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.

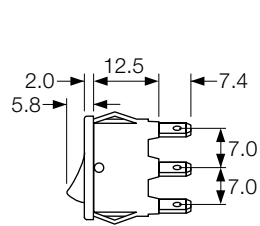


**Single Pole options**

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

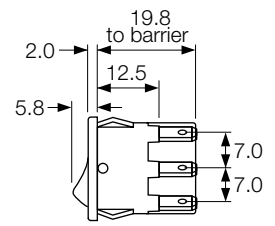
**DIMENSIONS (mm)**

**Single pole**



Terminals shown are "H" 4.8 push on type

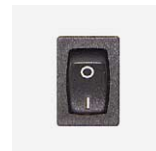
**Double pole**



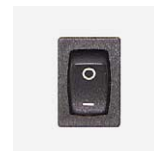
Terminal spacing 10.2 between pole centres

For 8620 and 8670 dimensions see page 16

**Examples of printing**



CL076



CL080



CL141



CL142



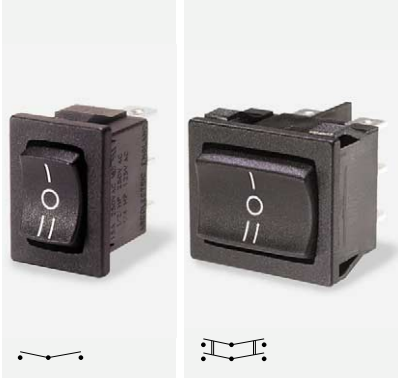
CL059



CL058

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

rocker switches



H8620VB ---     H8670VB ---  
 T8620VB ---     T8670VB ---  
 X8620VB ---     X8670VB ---

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



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 125/250Vac 1/2hp (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.

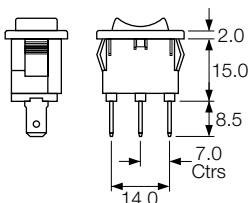


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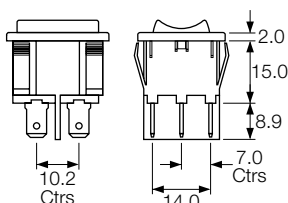
TERMINAL	FUNCTION	ROCKER	BODY	OPTIONS
<b>H</b>  4.8 x 0.8 8.5	 <b>8620</b> ON - OFF - ON Single pole	<b>V</b> Curved  <b>H</b> Slotted for actuator (8620 only) 	<b>B</b> Single pole  12.9 Panel thickness 0.75-1.24 1.25-1.99 2.00-3.00 15.0 Dim X 19.1/19.2 19.3/19.4 19.7/19.8	<b>Finish</b> Matt finish only. <b>Colour</b> Call sales for custom colours. A full range is available for large orders. <b>Legend printing</b> Select from the examples or call sales for custom legend. <b>Protective covers IP65</b> <b>L167 for SP</b> <b>L180 for DP</b> (designed to IP65) Snaps on to body, this reduces maximum acceptable panel thickness to 2.2mm.
<b>T</b>  Ø2.15 6.4 Solder	 <b>8670</b> ON - OFF - ON Double pole		<b>B</b> Double pole  21.9 Panel thickness 0.75-1.24 1.25-1.99 2.00-3.00 24.0 Dim X 19.1/19.2 19.3/19.4 19.7/19.8	
<b>X</b>  4.0 8.0 PCB 0.8sq Double pole switches with X terminals are supplied without terminal barriers			Cut-outs must be punched in the direction of insertion	

## Dimensions (mm)

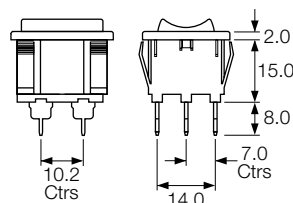
8620VB (H terminals shown)



8670VB (H terminals shown)



8670VB (X terminals shown)



# 1250 Rocker Switches 10A 250Vac



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)



rocker switches

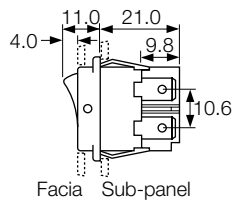


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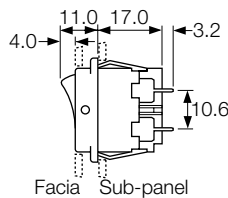
▶ TERMINAL	▶ FUNCTION	▶ ROCKER	▶ BODY	▶ OPTIONS
<p><b>C</b></p> <p>6.3 x 0.8</p>	<p>On when pressed over terminal 1</p> <p><b>1250</b></p> <p>ON - OFF Double pole</p> <p>Poles are 9.0mm between centres.</p>	<p><b>A</b> Curved</p> <p>Shown in N body</p>	<p><b>N</b></p> <p>Panel cut-out      Bezel</p> <p>Sub-panel      Facia</p> <p>Panel thickness      Dim X</p> <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>	<p><b>Finish</b> Matt finish only.</p> <p><b>Colour</b> Call sales for custom colours. A full range is available for large orders.</p> <p><b>Legend printing</b> Select from the examples or call sales for custom legend.</p> <p><b>Connector block available F1344</b> To aid wire harness assembly</p>
<p><b>X</b></p> <p>PCB 0.8sq (N body only)</p>	<p>On when pressed over terminal 1</p> <p><b>1250SP</b></p> <p>ON - OFF Single pole</p>	<p><b>P</b></p> <p>Shown in P body</p>	<p><b>P</b></p> <p>Panel cut-out      Bezel</p> <p>Panel thickness 0.75-3.00</p>	

**Dimensions (mm)**

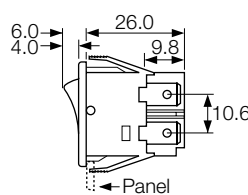
**1250AN** (C terminals shown)



**1250AN** (X terminals shown)



**1250AP** (C terminals shown)



**Connector Block F1344**



# 6000 SP Splashproof 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
- ▶ Matching indicator
- ▶ Bezel size: 31.5 x 14mm



In house test



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 compliant

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



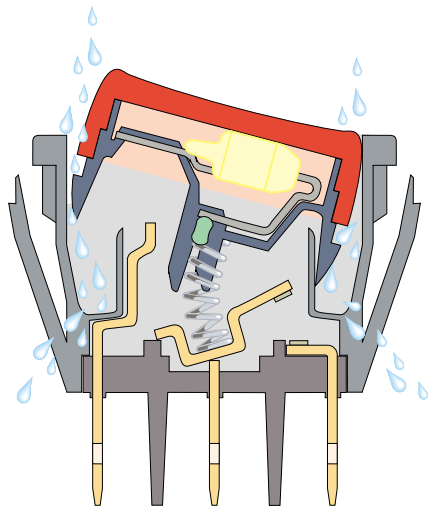
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[www.ermec.com](http://www.ermec.com)

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



**Integral Splashproofing**  
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 ---

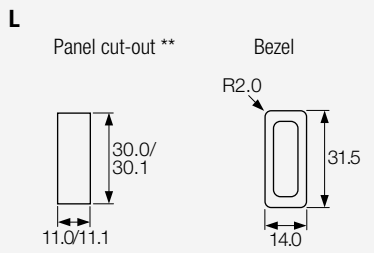


C6003PL ---



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.

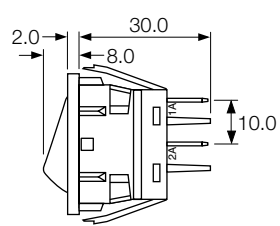
**Protective cover** (designed to IP65)  
A snap on cover is available (add G after body code), this reduces maximum acceptable panel thickness to 2mm.



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)**



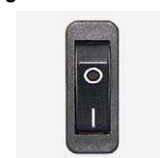
**Panel thickness**  
L 0.75 to 2.5mm

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

**Examples of printing**



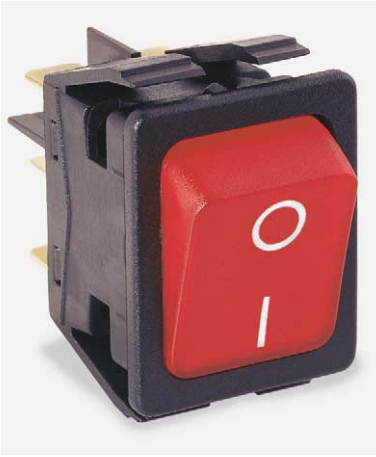
EN1224



EN1223

# 6050 DP Splashproof 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
- ▶ Bezel size: 31.5 x 25mm



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

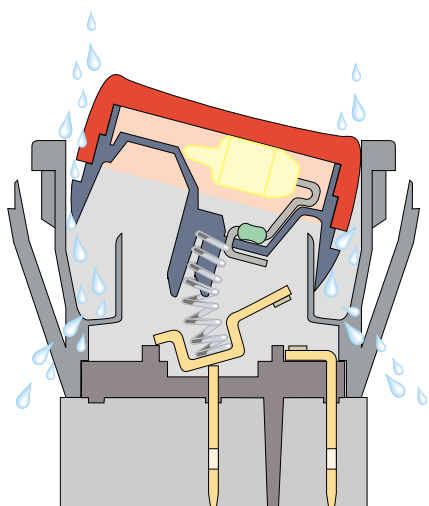
3mm contact gap with Positive Break switching.  
# Call sales for IP details on Twin units.  
Technical data on pages 4 & 5 (switches), 6 (indicators).  
Patent app.

**C 6053 A L ---**  
TERMINAL    FUNCTION    ROCKER    BODY    PRINT, COLOUR, VOLTAGE ETC



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[www.ermec.com](http://www.ermec.com)

TERMINAL	FUNCTION	ROCKER
<p><b>C</b></p> <p>6.3 x 0.8</p>	<p>Approvals &amp; ratings vary with function ON OFF Switches - ON when pressed over terminals 3 &amp; 6</p>	<p><b>A</b> Softline Matt</p>
	<p><b>6050</b> ON - OFF </p> <p><b>6060</b> ON - ON </p>	
	<p><b>6051</b> ON - OFF (momentary ON) </p> <p><b>6061</b> ON - ON (momentary 1 side) </p>	
	<p><b>6052</b> ON - OFF (momentary OFF) </p> <p><b>6062</b> 2 Circuit ON - ON <small>In house tests only</small> </p>	<p><b>A</b> Softline Matt</p>
	<p><b>6053</b> ON - OFF Lit </p> <p><b>6066</b> ON - ON (Single pole) Isolated light </p>	<p>Lit</p>
	<p><b>6054</b> ON - OFF (momentary ON) Lit </p> <p><b>6067</b> ON - ON Lit </p>	
	<p><b>6055</b> ON - OFF (Single pole) (momentary ON) Lit </p> <p><b>6068</b> ON - ON 1pole ON - OFF Lit 1pole </p>	<p><b>P</b> Lit Window Matt</p>
	<p><b>6056</b> ON - OFF (Single pole) Isolated light </p> <p><b>6090</b> ON - OFF 1pole ON - OFF Lit 1pole </p>	<p>Lit Window</p>
	<p><b>6057</b> ON - OFF Isolated light </p> <p><b>6091</b> ON - OFF (momentary ON) Lit </p>	
	<p><b>6058</b> ON - OFF (Single pole) Lit </p> <p><b>6092</b> ON - OFF 1 pole ON - ON 1 pole Lit </p>	
<p><b>S</b></p> <p>Screw &amp; Clamp N/A for assemblies with 3 terminals in either pole</p>	<p><b>6059</b> ON - OFF (Single pole) (momentary ON) Isolated light </p> <p>Circuits are Double Pole unless described otherwise</p>	



**Integral Splash Proofing**

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 \*      Bezel

**L Twin units**

Contact sales for information on splashproofing and IP ratings

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 factory for custom legends.

**Lamp voltage** Call sales for details.

**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.



Panel sealing washer W42 is available, this reduces maximum acceptable panel thickness to 1.2mm. Covers are not suitable for momentary types.

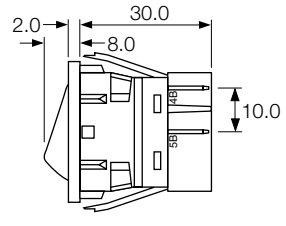
**IP Ratings** Call the sales for details.

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

# Mounting orientation may affect IP rating.

For all options call sales.

**DIMENSIONS (mm)**



**Panel thickness**  
L 0.75 to 3.0mm

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

Terminal spacing - Poles 10.5 between centres

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# 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
- ▶ Splashproof option
- ▶ Bezel size 'A' style 30.2 x 14.0



In house test



In house test



## 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  $\mu$ .

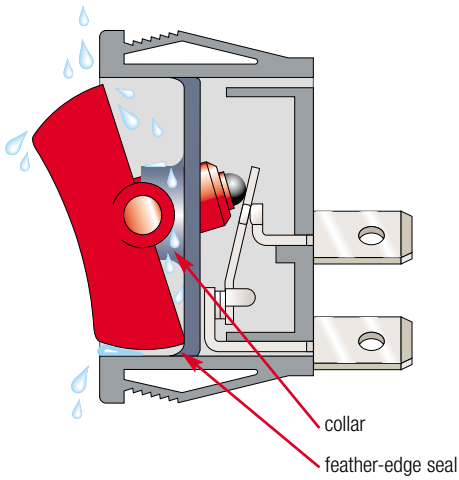
Technical data on pages 4 & 5 (switches), 6 (indicators).

**C 1300 A L ---**

TERMINAL FUNCTION ROCKER BODY PRINT, COLOUR, VOLTAGE ETC

TERMINAL	FUNCTION	ROCKER
<p><b>C</b></p> <p>6.3 x 0.8</p>	<p>Approvals &amp; ratings vary with function                      ON OFF Switches - ON when pressed over terminal 1</p>	<p><b>A</b> Softline Matt</p>
<p><b>H</b></p> <p>4.8 x 0.8*</p>	<p><b>Standard 1500</b></p> <p><b>High Inrush 1300</b>                      Approvals apply to C &amp; T terminals only</p> <p>ON - OFF</p>	<p><b>B</b> Splashproof (with Arcshield) Matt</p>
<p><b>K</b></p> <p>2.8 x 0.8*</p>	<p><b>1501</b>                      HP rating N/A</p> <p>ON - OFF (momentary ON)</p>	<p><b>H</b> Slotted (for custom Adaptors) not momentary</p>
<p><b>T</b></p> <p>Ø2.1 Solder</p>	<p><b>1502</b>                      HP rating N/A</p> <p>ON - OFF (momentary OFF)</p>	<p><b>V</b> Curved Matt or gloss</p>
<p><b>U</b></p> <p>Ø2.1 Right angle "T" solder terminal</p>	<p><b>1510 <math>\mu</math></b>                      HP rating N/A</p> <p>ON - ON</p>	<p><b>W</b> Splashproof (with Arcshield) Matt</p>
<p><b>X</b></p> <p>4.0 PCB 0.8Sq*                      *N/A for 1300 series</p>	<p><b>1511 <math>\mu</math></b>                      HP rating N/A</p> <p>ON - ON (momentary 1 side)</p>	<p><b>X</b> Two colour Matt                      ON - OFF only (not momentary)</p>
	<p><b>1520 <math>\mu</math></b>                      125V &amp; 250V 1/2 HP                      H terminal rated                      T100 only</p> <p>ON - OFF - ON</p>	<p><b>F</b> Flat lens Gloss (0430 only)</p>
	<p><b>1521 <math>\mu</math></b>                      HP rating N/A                      H terminal rated                      T100 only</p> <p>ON - OFF - ON (momentary 1 side)</p>	<p><b>A</b> Softline lens Matt (0430 only)                      as F but with raised profile</p>
	<p><b>1522 <math>\mu</math></b>                      HP rating N/A                      H terminal rated                      T100 only</p> <p>ON - OFF - ON (momentary 2 sides)</p>	
	<p><b>0430</b>                      X terminal N/A</p> <p>Indicator                      Technical data on page 6</p>	

## Enhanced Splashproofing



### 1500 W and B splashproof 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 ---



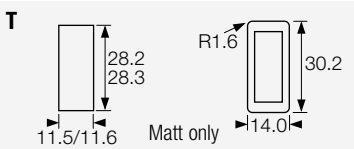
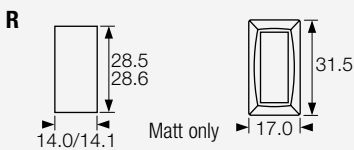
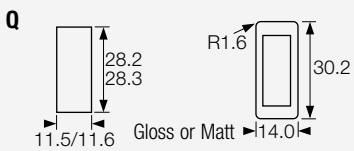
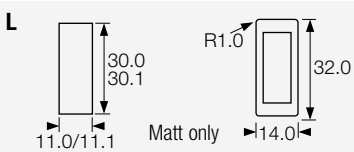
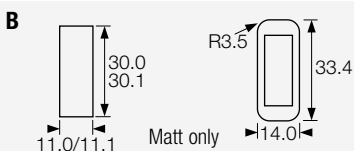
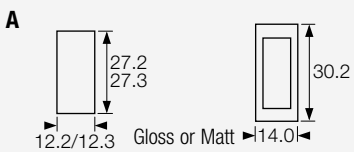
C1520AL ---  
T1520AL ---



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.

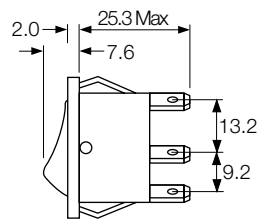
**Protective cover** (designed to IP65) Snaps on to A, L, Q or T bodies (add G after body in cat no.), this reduces maximum acceptable panel thickness to 2mm.



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)



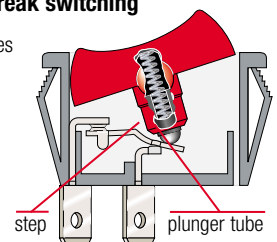
### Panel thickness

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
- ▶ Splashproof option
- ▶ Bezel size 'A' style 30.2 x 14.0



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



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.

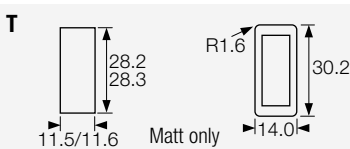
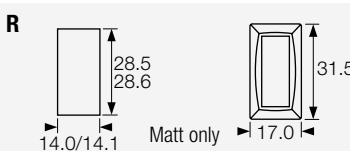
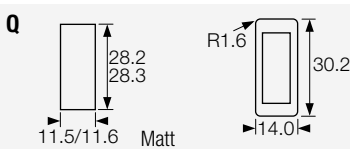
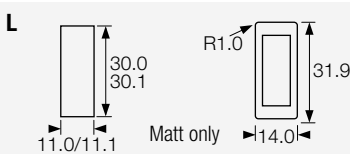
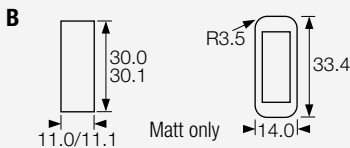
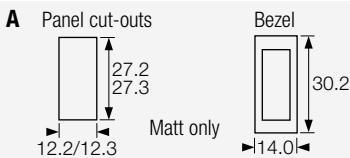


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[www.ermec.com](http://www.ermec.com)

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



**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.

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

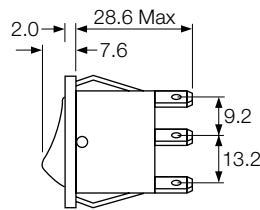
**Protective cover** (designed to IP65)  
Snaps on to A, L, Q or T bodies (add G after body in cat no), this reduces maximum acceptable panel thickness to 1.2mm.



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

For all options call sales.

**DIMENSIONS (mm)**



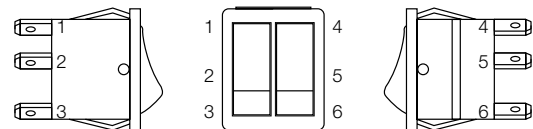
Terminal spacing - Poles 10.8 between centres (twin units)

**Panel thickness**

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

**Twin units**

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



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



# 1500 Twin Units Switches and Indicators 16A 250Vac

rocker switches



- ▶ 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
- ▶ Splashproof option
- ▶ Cut out size 'A' style 27.2 x 22.3



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

RoHS compliant

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



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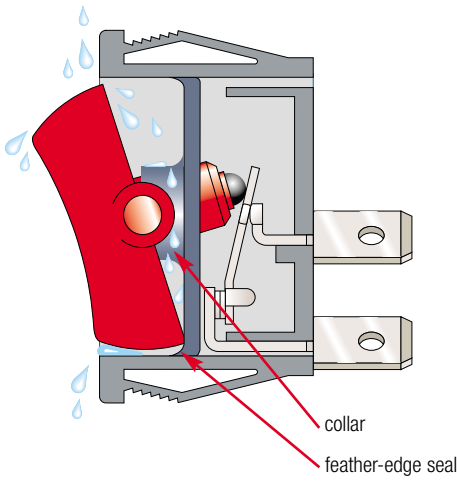
[www.ermec.com](http://www.ermec.com)

C 1500 A / C 1510 A L ---

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

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

### Enhanced Splashproofing



#### 1500 W and B splashproof options

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

B option has Hytrel collar/seals for enhanced protection.



C1500A/C1500AL



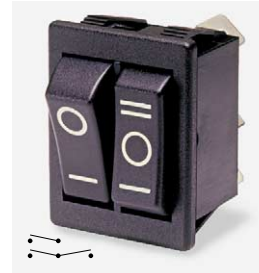
C1500A/C0430AL



C1500X/C1500XL



C1520A/C1510AL



C1500A/C1520AL

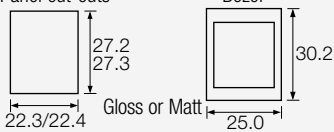


C0430A/C0430AL

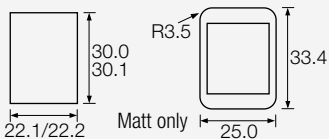
rocker switches

### BODY

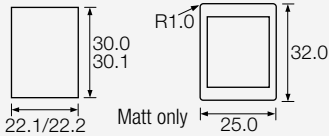
#### A Panel cut-outs



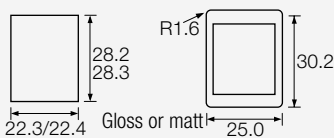
#### B



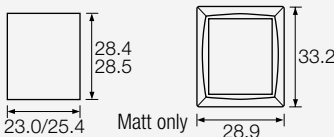
#### L



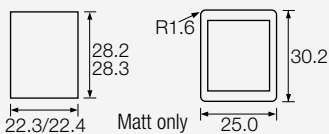
#### Q



#### R



#### T



Cut-outs must be punched in the direction of insertion

### OPTIONS

**Finish** Matt is standard.

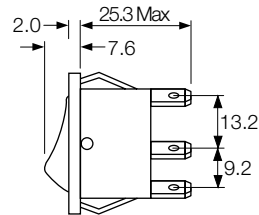
**Colour** Call sales for custom colours. A full range is available for large orders.

**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)



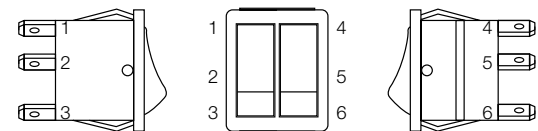
Call sales for terminal spacing details

#### 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



EN602A



EN730

# 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
- ▶ Splashproof option
- ▶ Bezel size 'A' style 27.2 x 22.3



In house test



In house test



## 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.

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.

20A 24Vdc

RoHS compliant

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

**C 1553 A L ---**  
TERMINAL FUNCTION ROCKER BODY PRINT, COLOUR, VOLTAGE ETC



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[www.ermec.com](http://www.ermec.com)

TERMINAL	FUNCTION	ROCKER
<p><b>C</b></p> <p>6.3 x 0.8</p>	<p>Approvals &amp; ratings vary with function ON OFF Switches - ON when pressed over terminal 1</p>	<p><b>A</b> Softline Matt</p> <p>Lit (not momentary)</p>
<p><b>H</b></p> <p>4.8 x 0.8*</p>	<p><b>Standard 1550</b></p> <p><b>1551</b> HP rating N/A</p> <p>ON - OFF (momentary ON)</p>	<p><b>B</b> Splashproof Softline</p>
<p><b>K</b></p> <p>2.8 x 0.8*</p>	<p><b>High Inrush 1350</b></p> <p><b>1552</b> HP rating N/A</p> <p>ON - OFF (momentary OFF)</p>	<p><b>V</b> Curved</p> <p>Matt or gloss      Gloss only Lit (not momentary)</p>
<p><b>T</b></p> <p>Solder</p>	<p><b>1553</b> Not W, X or B rocker</p> <p><b>1353</b> Not W, X or B rocker</p> <p>ON - OFF Lit</p>	<p><b>W</b> Splashproof Curved</p>
<p><b>U</b></p> <p>Right angle T Solder (Not DP)</p>	<p><b>1560 μ</b></p> <p>ON - ON</p>	<p><b>P</b> Lit window Matt</p> <p>Lit (not momentary)</p>
<p><b>X</b></p> <p>PCB 0.8Sq*</p>	<p><b>1561 μ</b> HP rating N/A</p> <p>ON - ON (momentary 1 side)</p>	<p><b>X</b> Two colour Matt</p>
	<p><b>1562 μ</b> In house tests only</p> <p>2 Circuit ON - ON</p>	<p><b>R</b> Round</p>
	<p><b>1570 μ</b> 125V &amp; 250V 1/2 HP H terminal rated T100 only</p> <p>ON - OFF - ON</p>	<p><b>F</b> Flat lens Gloss (0480 only) (ON OFF only - not momentary)</p> <p>Top view</p>
	<p><b>1571 μ</b> HP rating N/A H terminal rated T100 only</p> <p>ON - OFF - ON (momentary 1 side)</p>	<p><b>A</b> Softline lens Matt (0480 only) as F but with raised profile</p>
	<p><b>1572 μ</b> HP rating N/A H terminal rated T100 only</p> <p>ON - OFF - ON (momentary 2 sides)</p>	
	<p><b>1484 μ</b> In-house tested to 10(3)A 250Vac (B rocker only)</p> <p>3 position selective</p>	
	<p><b>1487 μ</b> In-house tested to 10(3)A 250Vac (B rocker only)</p> <p>3 position selective (Consult sales for other switch options)</p>	
	<p><b>0480</b> X terminal N/A</p> <p>Indicator Technical data on page 6</p>	



C1350AL ---



C1550XL ---



C1553PL ---



C1553RA ---  
Shown with M614 bezel cover



C0480AL ---



Optional snap-in M441 barrier



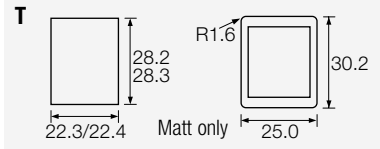
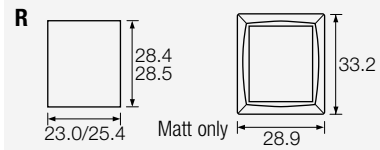
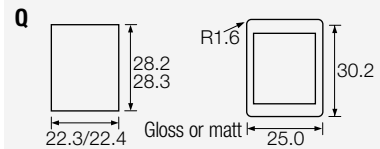
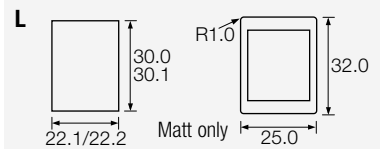
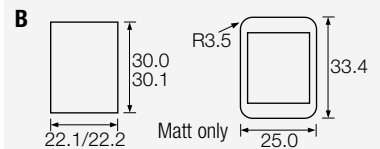
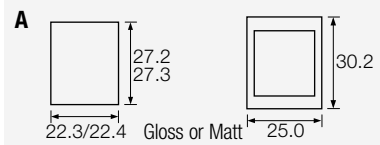
C1553AA with M616 guard  
Cut-out 22.0/22.1 x 29.4/29.5  
Guard accepts "A" body only



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.

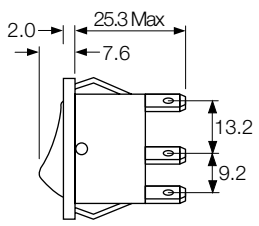
**Protective cover** (designed to IP65) Snaps on to A, L, Q or T bodies (add G after body in cat no), this reduces maximum acceptable panel thickness to 1.2mm.



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

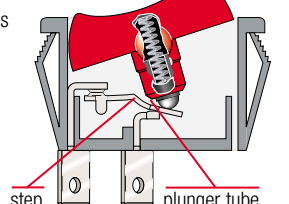
**Panel thickness**

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

\* 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**



# 6100 SP Waterproof Rocker Switches 16A 250Vac - Sealed to IP67<sup>†</sup>



- ▶ IP67<sup>†</sup> Panel seal
- ▶ Supplied complete with gasket
- ▶ Single pole
- ▶ Ratings up to 20A, 277Vac
- ▶ Positive switch action
- ▶ Distinctive styling
- ▶ Illuminated & non-illuminated
- ▶ LED Illumination
- ▶ Matching indicator
- ▶ Bezel size: 30.0 x 11.0



16(4)A 250Vac T125 10A 400Vac T125 for 6101, 6102 & 6111  
16(6)A 250Vac T125, 10A 400Vac T125 for 6100, 6108 & 6110



20A 277Vac, 250Vac 11/2hp, 125Vac 1hp\*

In house test

20A, 36Vdc



RoHS compliant

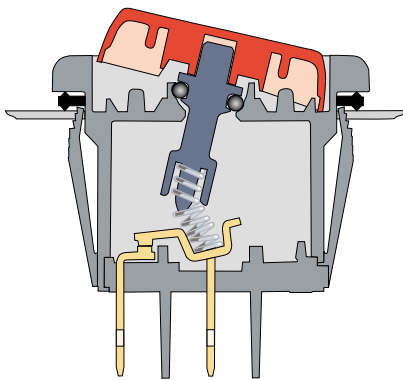
3mm contact gap.  
Technical data on pages 4 & 5 (switches), 6 (indicators).  
ENEC and UL approvals applied for.  
\* Rating for 'C' terminal only  
<sup>†</sup> IP ratings: IP60 (T125), IP66 and IP67 (T55)

**C 6108 P L ---**  
TERMINAL    FUNCTION    ROCKER    BODY    PRINT, COLOUR, VOLTAGE ETC



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[www.ermec.com](http://www.ermec.com)

TERMINAL	FUNCTION	ROCKER
<p><b>C</b></p> <p>6.3 x 0.8</p>	<p>Approvals &amp; ratings vary with function ON OFF Switches - ON when pressed over terminal 3</p>	<p><b>F</b> Flat</p>
<p><b>H</b></p> <p>4.8 x 0.8</p>	<p><b>6100</b>      ON - OFF</p>	<p><b>P</b> Lit Window</p>
	<p><b>6101</b>      ON - OFF (momentary ON)</p>	
	<p><b>6102</b>      ON - OFF (momentary OFF)</p>	
	<p><b>6108</b>      ON - OFF Lit (Unswitched neutral)</p>	
	<p><b>6110</b>      ON - ON</p>	
	<p><b>6111</b>      ON - ON (momentary 1 side)</p>	
	<p><b>6130</b>      Indicator</p>	



**Waterproof Rocker Switch**  
IP67 Panel Seal.



C6100FL ---



C6108PL ---



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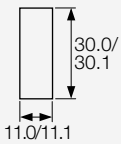
[ermec@ermec.com](mailto:ermec@ermec.com)

[www.ermec.com](http://www.ermec.com)

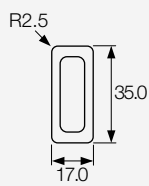
**BODY**

L

Panel cut-out



Bezel



**OPTIONS**

**Finish** Matt is standard.

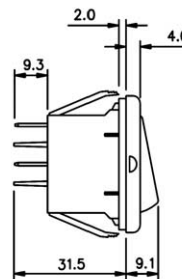
**Colour** Call sales for custom colours. A full range is available for large orders.

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

**LED voltage** Call sales for details.

For all options call sales.

**DIMENSIONS (mm)**



**Panel thickness**

L 1.0 to 3.0mm

Note:

Gasket supplied fitted to switch

Cut-outs must be punched in the direction of insertion

Fitting Instructions:

Press switch firmly into panel on both sides of the bezel.

Gasket seals to provide IP67 Sealing.

**Examples of printing**



EN1224



EN1223

# 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
- ▶ Bezel size: 20.2 dia.



SP 10(4)A 250Vac T85



DP 10(4)A 250Vac T85



SP 6A 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  $\mu$  contact gap. Technical data on pages 4 & 5.

**Special products**

Are made to order and can be supplied with a range of body and rocker/lens colours, print & lamp voltage.

Call sales for availability to your special requirements.

## R13 112A AAA

TERMINAL FUNCTION ROCKER BODY PRINT, COLOUR, VOLTAGE ETC



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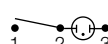
[ermec@ermec.com](mailto:ermec@ermec.com)  
[www.ermec.com](http://www.ermec.com)

### PRODUCT DETAILS



SP ON - OFF  $\mu$

**Cat no.**  
**R13 112A AAA**



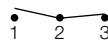
SP ON - OFF  $\mu$   
Lit 230V

**Cat no.**  
**R13 112B NAC**



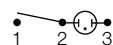
SP ON - OFF  $\mu$

**Cat no.**  
**R13 112A AAB**



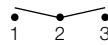
SP ON - ON  $\mu$

**Cat no.**  
**R13 112C AAA**



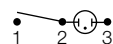
SP ON - OFF  $\mu$   
Lit 230V

**Cat no.**  
**R13 112B NAA**



SP ON - OFF - ON  $\mu$

**Cat no.**  
**R13 112D AAA**



SP ON - OFF  $\mu$   
Lit 230V

**Cat no.**  
**R13 112B NAB**



only



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

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



DP ON - OFF

**Cat no.**  
**R13 244A AAA**

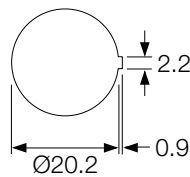


DP ON - OFF  
Lit 230V

**Cat no.**  
**R13 244B NAA**

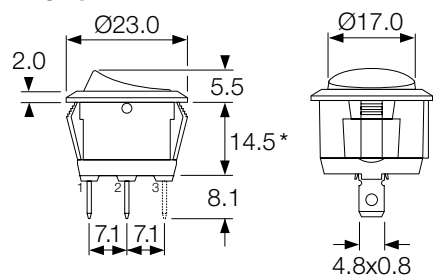
### DIMENSIONS (mm)

#### Panel cut-out



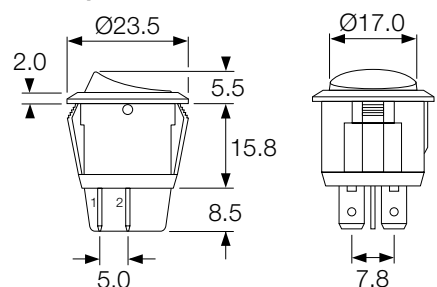
Snap fixing into panel thickness up to 3.0

#### Single pole



\* R13 208F has 12.5mm deep body

#### Double pole





R13 112B NAA



R13 112A AAA



R13 112A2 ---

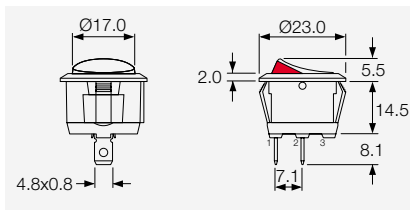


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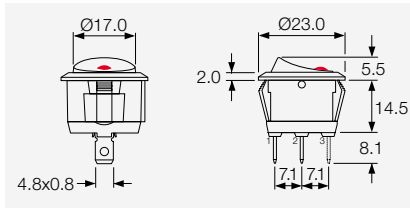
**PRODUCT DETAILS**



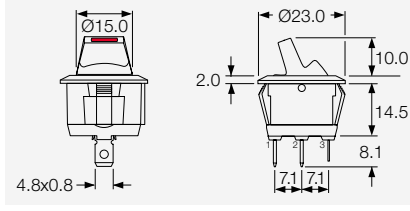
SP ON - OFF μ  
 Bright colour ON signal  
**Cat no.**  
**R13 112A2 - -**



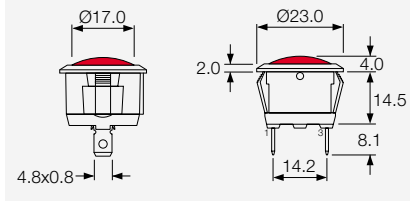
SP ON - OFF μ  
 Lit Window  
**Cat no.**  
**R13 112B2 - -**



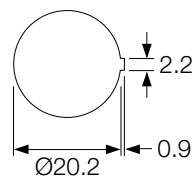
SP ON - OFF μ  
 Paddle tip has red LED  
**Cat no.**  
**R13 112LP - -**



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