# **Rocker Switches**



Bulgin's range of high quality rocker switches includes a huge choice of single and double pole options available in various sizes, colours, terminations, actuator types and ratings up to 16A, 250Vac, allowing for virtually any design configuration.

- Available types: Ultra-thin, Miniature, Twin unit, Miniature round and Standard
- Rating from 10A, 250V ac up to 20A, 277V ac
- O Single & double pole variants available
- O Push-on, solder & PCB terminals
- O Illuminated and non-illuminated options
- High in-rush (ON-OFF types)
- Matching Indicators
- Splash resistant options
- Choice of bezel styles and sizes, panel cut-outs and actuators
- O Choice of switching circuits including 3 position



# 8800 Thinline Rocker Switches

10A 250Vac





# **Key Features**

- O Ultra thin rocker switch
- Ratings up to 15A, 250Vac
- $\bigcirc \quad \text{Single and twin gang}$
- C Panel cut out: Single 19.3 x 6.8 Twin 19.3 x 13.4

# **Approvals and specifications**

10(6)A 250Vac T100 1E4 (10,000 Operations) 6(2)A 250Vac T100 5E4 (50,000 Operations) Inrush rating 10/50A 1E4 (10,000 Operations)

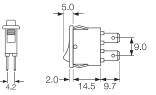
**TALS** UL CSA 15A 250Vac (Twin unit is 10A 250Vac) UL CSA 125Vac 1/2hp UL 100°C, file E45221, CSA file LR10990

3mm contact gap.

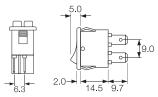
Terminal	Function	Rocker	Body	<b>Body Colour</b>	Rocker Colour
<b>H</b>	Switches are ON when pressed over terminal 1		A. Single pole  Panel Cut Bezel  → 6.2 ←	<b>B</b> Black	<b>B</b> Black
o 9.7	8800		174 175 175 21.0	R Red	<b>R</b> Red
т	ON - OFF Single pole		*Optional profile for orientation	W	W
2.6 8.8	Switches are ON when pressed over terminal 1 or 3		B. Single pole - Twin  Panel Cut  Bezel  9.9  17.4  17.4  17.5  13.4/  13.5	White	White
X	8800		*Optional profile for orientation		
4.0 7.5	ON - OFF Twin pole		Panel thickness Dim X 0.75-1.2 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		



8800VA (H terminals shown)



8800V/8800VA (H terminals shown)



Legend	Legend Colour	Options
Blank	— Blank	Finish Matt finish only.  Colour Call sales for custom colours. A full range is available for large orders.
132	<b>B</b> Black	Legend printing Select from the examples or call sales for custom legends.
	<b>W</b> White	



₹ X8800VA



ਚ X8800VA ਜ T8800VA - - -





ਚ X8800VA ਜ T8800VA - - -



□ H8800V/H8800VA □ T8800V/T8800VA



चH8800V/H8800VA चT8800V/T8800VA

# 8500 Rocker Switches - Miniature

10A 250Vac Single & Double Pole





# **Key Features**

- O Miniature rocker switch
- Ratings up to 15A, 250Vac
- O Single & double pole in same body size
- O Illuminated & non-illuminated
- Matching indicators
- O Industry standard panel cut-out

- Rotary and push button actuator options
- O Panel cut out: 19.3 x 12.9

# **Approvals and specifications**

- (4)A 250Vac T125 IE4 (non lit types) 6(4)A 250Vac T125 5E4 (50,000 Operations) 10(6)A 250Vac T100 (lit types)
- **N.** UL CSA 15A Non Ind 250Vac, 14A Ind 250Vac, 10A 277Vac UL CSA 250Vac 1/2hp, 125Vac 1/4hp UL 105°C, (non lit) file E45221, CSA file LR10990

3mm contact gap.

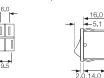
Terminal	Function	Rocker	Body	<b>Body Colour</b>	Rocker Colour
H 8.5	1a — 2a 3b — 4b  ON OFF Switches are ON when pressed over terminal 1	Slotted for custom caps  Slots for snap-in buttons	B Standard body with terminal barrier  Panel cut out  Bezel  21.0	<b>B</b> Black	Un-Lit  B  Black  R  Red
<b>K</b>	8500 ON - OFF Single pole (Jess terminals 1a & 2a)	R Semi-rotary (not lit)	12.9	R Red	W White Lit
2.6 1.5 2.8×0.8	8503	Paddle lever (not lit)	BC Body without terminal barrier  Panel cut out  Bezzel  21.0	<b>W</b> White	A Amber G Green
L -3.2 -3.2 -3.2	ON (lit) - OFF Single pole	Curved (not lit)	Dimensions for snap-in fixing Panel thickness Dim X 0.75-1.25 19:/1/9.2 1.25-2.00 19:3/19.4 2.00-3.00 19:7/19.8		C Clear R Red
2.8 x 0.8 Right angle version of K terminal available on 8500 only	ON - OFF Double pole	Curved (lit)	Cut-outs must be punched in the direction of insertion		
1.5. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	8553 ON (lit) - OFF Double pole	X Two colour (not lit)			
<b>T</b>	8580 Available with H terminals only	Softline lens			
R1.0 3.5 8.5 +/- 0.4 Solder	Indicator 71 @ UL/CSA E63363	Push button operation (8500 only) See drawing opposite			



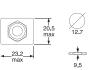
"B" body with barrier for H, T and K terminals



"BC" body w/o barrier primarily for L or R terminals (can be used for all terminals)



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





Insert Colour	Lamp Voltage	Legend	Legend Colour	Options
X Rocker Only	Blank	 Blank	 Blank	Finish Matt finish only. Colour
R Red	<b>2</b> 125V Neon	076	<b>B</b> Black	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.
<b>W</b> White	<b>3</b> 250V Neon		<b>W</b> White	Lamp voltage Call sales for details of availa ble voltages.  Protective cover L167 Snaps on to bodies with V or X style rockers and A lens. This reduces panel thickness by 0.8mm.
Leave blank for other Rocker types	<b>7</b> 12V Filament			unories by comm.
	<b>8</b> 24V Filament			



■ H8500VB - - -■ T8500VB - - -



т H8550VB - - -т T8550VB - - -



ਰ H8550HB - - -□ T8550HB - - -



□ H8550XB - - -□ T8550XB - - -



H8550RB Semi-rotary TH8500PO - - - A splash proofing Pushbutton A splash proofing option



option



⊞ H8553VB - - -⊞ T8553VB - - -



TH8580AB - - -

# 8600 Rocker Switches - Miniature

10A 250Vac Single & Double Pole





# **Key Features**

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

# **Approvals and specifications**

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

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

3mm contact gap except where marked µ.

Terminal	Function	<b>815 71 (8</b>	Rocker	Body	<b>Body Colour</b>
H	Approvals & ratings vary with function 1 2 3	ON OFF Switches are ON when pressed over terminal 3	V Curved	B Single pole Panel cut out Bezel	<b>B</b> Black
7.4 4.8 x 0.8	8600 10(4)A 16A 250V, 10A 277V 1/2HP 277V,1/4HP 125V ON - OFF	8650 10(4)A 10A 277V 1/2HP 277V,1/4HP 125V ON - OFF	Curved (lit)	12.9 Single Pole dimensions for snap-in fixing Panel thickness Dim X	<b>R</b> Red
T	8601 6(1)A 16A 250V, 6A 277V CN - OFF (normentary ON)	8651 6(1)A 6A 277V ON - OFF (nomentary ON)	Flat Indicator only (Single pole)	Panel thickness Dim X 0.75-1.25 19.1/19.2 1.25-1.99 19.3/19.4 2.00-3.00 19.7/19.8  (Double Pole) with terminal barrier	<b>W</b> White
02.2 6.4 3.5 x 0.8 Solder	8602 10A 6A 277V ON - OFF (momentary OFF)	8652 10(4)A 6A 277V ON - OFF (momentary OFF)		BC (Double Pole) w/o terminal barrier Panel cut out Bezel	
<b>X</b> 3.7 ₹ ↓5.3	N/A ON-OFF Lit	8653 10(4)A 6A 277V ON - OFF Lit		21.9 24.0 Double Pole dimensions for snap-in fixing 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	
PCB 0.8Sq	8610 6(1)A 10A 277V 1/2HP 277V,1/4HP 125V 0N - 0N	8660 6(1)A 10A 277V 1/2HP 277V,1/4HP 125V ON - ON		direction of insertion	
Double Pele switches with "X" terminals are supplied without terminal barriers	8611 6A 277V ON - ON (momentary 1 side)	8661 6A 277V ON - ON (momentary 1 side)			
	<b>8620</b> µ ····	8670 μ :::::::::::::::::::::::::::::::::::			
	8630	N/A			









Rocker Colour	Lamp Voltage	Legend	Legend Colour	Options
Un-Lit <b>B</b> Black	Blank	 Blank	Blank	Finish Matt finish only.  Colour Call sales for custom colours.
R Red W White	<b>2</b> 125V Neon	076	<b>B</b> Black	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.
Lit A Amber	<b>3</b> 250V Neon		<b>W</b> White	Blanking plate A8634FB Dummy unit to fill unused panel holes. Single pole size only.  Protective covers L167 for SP L180 for DP Snap on to bodies with V rocker or F
G Green C Clear	<b>7</b> 12V Filament			lens. This reduces panel thickness by 2.2mm.
R Red	<b>8</b> 24V Filament			Single Pole options Most switches shown can have single pole switching in double pole bodies.







⊞H8600VB - - -∀T8600VB - - -



ਓ H8630FB - - -ਓ T8630FB - - -



ੰ H8650VB - - -ਓ T8650VB - - -



⊞ H8660VB - - -∀ T8660VB - - -



ੁ H8653VB - - -ਓ T8653VB - - -

# 8620 & 8670 Rocker Switches

3 Positions - 10A 250Vac











# **Key Features**

3 position miniature rocker switch

O Panel cut out:

single: 19.3 x 12.9

double: 19.3 x 21.9

- Ratings up to 15A, 250Vac
- O Single & double pole
- O Centre off switching
- Push on, solder and PCB terminals
- Matching indicators

# **Approvals and specifications**

\*\*W UL CSA 15A 277Vac (Single pole)

UL CSA 250Vac 1/2hp (Single pole)

UL CSA 125Vac 1/4hp (Single pole)

UL CSA 10A 277Vac (Double pole)

UL CSA 277Vac 1/2hp (Single & Double pole)

UL 90°C, file E45221, CSA file LR10990

μ contact gap.

Terminal	Function	Rocker	Body	<b>Body Colour</b>	Rocker Colour
H	8620 ON - OFF - ON Single pole	V  Curved	B Single pole  Panel thickness 0.75-1.24 1.25-1.99 19.3/19.4	B Black R Red	Lit (DP)  A Amber  C Clear
<b>T</b> 02.15	1a 2a 3a 1 1 1 1 1 1 4b 5b 6b	Slotted for actuator (8620 only)	2.00-3.00 19.7/19.8 <b>B</b> Single pole - Twin	W White	G Green R Red
X  4.0 \$\frac{1}{4}\$ \ \delta	ON - OFF - ON Double pole		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		Lit (DP)  B Black
are supplied without terminal barriers			Cut-outs must be punched in the direction of insertion		Red W White









Lamp Voltage	Legend	Legend Colour	Options
 Blank	— Blank	— Blank	Finish Matt finish only.  Colour Call sales for custom colours.
<b>2</b> 125V Neon	076	<b>B</b> Black	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.
<b>3</b> 250V Neon		<b>W</b> White	Blanking plate A8634FB Dummy unit to fill unused panel holes. Single pole size only.  Protective covers L167 for SP L180 for DP Snap on to bodies with V rocker or F
<b>7</b> 12V Filament			lens. This reduces panel thickness by 2.2mm.
<b>8</b> 24V Filament			Single Pole options Most switches shown can have single pole switching in double pole bodies.

# 1250 Rocker Switches

10A 250Vac











# **Key Features**

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

Terminal	Function	Rocker	Body	<b>Body Colour</b>	Rocker Colour	
<b>C</b>	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	A Curved  Shown in N body	N Panel cut-out Bezel  Sub-panel Facia 13.0 Panel 23.8 29.5 Panel 23.8 29.5 Panel 29.5 P	<b>B</b> Black	<b>B</b> Black	
6.3 x 0.8	2a 2 1a 1 ON - OFF Double pole Poles are 9.0mm between certres.		Panel thickness Dim X 0.75-1.24 26.1/26.2 1.25-1.99 26.3/26.4 2.00-3.00 26.7/26.8	<b>W</b> White	W White	
<b>X</b> 5.2	1a 1 On when pressed over terminal 1	Shown in P body	Panel cut out Bezel  27.2/ 27.3/ 29.5  12.4/ 12.5		<b>G</b> Grey	
PCB 0.8sq (N body only)	1250SP  1a • • 1  ON - OFF Single pole		Panel thickness 0.75-3.00  Cut-outs must be punched in the direction of insertion			



# **Approvals and specifications**

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

**91/8** 

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

3mm contact gap

# **Dimensions**

1250AN



1250AN (C terminals shown) (X terminals shown)



1250AP (C terminals shown)



Terminal spacing 10.2 between pole centres

Legend	Legend Colour	Options
— Blank	Blank	Finish Matt finish only.  Colour Call sales for custom colours. A full range is available for large orders.
085	<b>B</b> Black	Legend printing Select from the examples or call sales for custom legend.
	<b>W</b> White	

# 6000 SP Splash Resistant Rocker Switches





# **Key Features**

- Ratings up to 20A, 277Vac
- O Positive switch action
- Distinctive styling
- Illuminated & nonilluminated
- Single pole
- Panel cut out: 30.1 x 11.1mm

# **Approvals and specifications**

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

UL = 20A 277Vac, 1 1/2HP 250Vac 1HP 125Vac CSA = 20A 277Vac, 1HP 125Vac, 1/2HP 125Vac

3mm contact gap with Positive Break switching. Call factory for IP details.

# **Vary with Function**

Approvals & ratings vary with function ON OFF Switches - ON when pressed over terminals 3.



Terminal	Function	Rocker	Body	<b>Body Colour</b>	Rocker Colour	Lamp Voltage
<b>C</b>	6000 ON - OFF	Softline Matt	Panel cut-out ** Bezel P2.0   R2.0   R30.0   R31.5   R	<b>B</b> Black	Lit (DP)  A  Amber	— Blank
6.3 x 0.8	ON - OFF (momentary ON)		Cut-outs must be punched in the direction of insertion	W White	<b>C</b> Clear	<b>2</b> 125V Neon
H	6002 ON - OFF (momentary OFF)	Softline Matt			<b>G</b> Green	<b>3</b> 250V Neon
9.7 4.8 × 0.8	6003 • • • • • • • • • • • • • • • • • • •	P Lit window Matt			R Red	5 12Vdc LED (P Rocker)
<b>S</b>	6008 ON - OFF Lit (Unswitched neutral)				Lit (DP)  B  Black	6 24Vdc LED (P Rocker)
Screw & Clamp N/A for assemblies with 3 terminals	6009  ON - OFF (momentary ON) Lit (Unswitched neutral)				R Red	<b>7</b> 12V Filament
	6010 ON - ON				<b>W</b> White	<b>8</b> 24Vdc Filament
	ON - ON (momentary 1 side)					



# **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

# **Dimensions**



Panel thickness L 0.75 to 2.5mm

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

Legend	Legend Colour	Options
	— Blank	<b>G74</b> Protective Cover
1223	<b>B</b> Black	Finish Matt is standard.  Colour Call sales for custom colours. A full range is available for large orders.
	<b>W</b> White	Legend printing Select from the examples or call sales for custom legends.  Lamp voltage Call sales for details.  Protective cover A snap on cover is available (add G after body code), this reduces
		panel thickness by 2mm.
		Panel sealing washer W46 is available, this reduces panel thickness by 1.2mm.  Covers are not suitable for momentary types. For all options call the factory







चC6000AL - - -



☐ C6010AL - - -



ॼ C6003AL - - -



™C6003PL - - -



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





# **Key Features**

- Ratings up to 20A, 277V ac
- O Positive switch action
- O Distinctive styling
- O Illuminated & non-illuminated
- O Double pole

- O DC LED Illumination Avaliable
- O Panel cut out: 30.1 x 22.2mm

# **Approvals and specifications**

- & European 16(4)A 250Vac T125, 10A 400Vac
- **N** UL CSA (except 6054 & 6055 Swtiches) 20A 277Vac, 250Vac 11/2hp, 125Vac 1hp

UL 100°C, file E45221, CSA file LR10990

3mm contact gap with Positive Break switching.

Terminal	Function	Rocker	Body	<b>Body Colour</b>
С	6050 6059	Α	L	Lit (DP)
9.7	ON - OFF (Single pol (momentary ON) Isolated light	Softline Matt	Double Pole  Panel cut-out ** Bezel  22.1/22.2  R2.0   ■ 25.0	A Amber
6.3 x 0.8	<b>6051</b>		30.0/ 31.5	
	ON - OFF (momentary ON)			C Clear
н	6052 + 7	Softline Matt	Twin units Contact sales for information on	G
<i>!!!!!!!!</i>	ON - OFF (momentary OFF)		splash resistance and IP ratings	Green
9.7	<b>6053</b> ∷∴⊙		30.0/30.1	R
4.8 × 0.8	ON - OFF Lit	Р		Red
	<b>6054</b> ₁:┸ᢏ₀	Lit window Matt		Un-Lit (DP)
S	ON - OFF (momentary ON) Lit			
9.7	6055	Lit window		<b>B</b> Black
Screw & Clamp	ON - OFF (Single pole) (momentary ON)			R
N/A for assemblies with 3 terminals	6056			Red
	ON - OFF (Single pole) Isolated light			W
	6057			White
	アレ ON - OFF Isolated light			
	6058			
	ON - OFF (Single pole)			



# **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

#### **Dimensions**



Panel thickness L 0.75 to 2.5mm

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

Terminal spacing - Poles 10.5 between centres

# **Vary with Function**

Approvals & ratings vary with function ON OFF Switches - ON when pressed over terminals 3 & 6.



<b>B</b> Black	 Blank			
		Blank	 Blank	<b>G74</b> Protective Cover
R Red	<b>2</b> 125V Neon	1223	<b>B</b> Black	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.
W White	<b>3</b> 250V Neon		<b>W</b> White	Protective cover The 6050 series is a water through design. For a higher level of sealing, a snap on cover is available (add G after body code). This reduces panel thickness by 1mm.
	12Vdc LED (P Rocker)			
	24Vdc LED (P Rocker)			Panel sealing washer W42 is available. This reduces panel thickness by 1.00mm. Covers are not suitable for momentary types.
	<b>7</b> 12V Filament			IP Ratings Call the sales for details.  Terminal Link P1067 connects the poles of a double pole switch or twin unit.
	<b>8</b> 24Vdc Filament			# Mounting orientation may affect IP rating.
		White 250V Neon  5 12Vdc LED (P Rocker)  6 24Vdc LED (P Rocker)  7 12V Filament	White 250V Neon  5 12Vdc LED (P Rocker)  6 24Vdc LED (P Rocker)  7 12V Filament	W white 250V Neon  5 12Vdc LED (P Rocker)  6 24Vdc LED (P Rocker)  7 12V Filament

# **Examples**



□ C6050AL - - -



**T**C6053AL - - -









□ C6053PL - - - □ C6000A/C6000AL □ C6003P/C6003PL □ C6003P/C6030AL

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





#### **Key Features**

- Standard rocker switch
- Non-illuminated
- 150A inrush
- O Choice of switching circuits including 3
- O Choice of bezel styles
- O Choice of panel cut outs

- Matching indicator
- O Single pole
- O Splash resistant option
- O DC LED Illumination Avaliable for "P" Rocker
- O Panel cut out 'A' style: 27.3 x 12.3mm

# **Approvals and specifications**

1500 Series 16(4)A 250Vac T125

**N.** UL CSA 16A Non Ind 250Vac, (2 posn) 250Vac 1hp, 125Vac 1/2hp, (3 posn) 250Vac 1/2hp, 125Vac 1/4hp 1330 36Vdc 14A 1350 72 Vdc 7A 1500 & 1510 14 Vdc 10A UL 85°C, file E45221, CSA file LR10990

In house test:

10A 24Vdc-Indicative rating only

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

Terminal	Function	Rocker	Body	Finish	<b>Body Colour</b>	Rocker Colour
<b>C</b>	Standard 1500	A Softline Matt	Panel cut-out Bezel Cut-outs must be punched in the direction of insertion	M Matt	<b>B</b> Black	Un-Lit
6.3 × 0.8	1501 HP rating N/A ON - OFF (momentary ON)	Splash resistant (with Arcshield) Matt	A 27.2 27.3 30.2 27.3 30.2 27.3 Gloss or Matt	G	R Red	Black
9.1	1502 HP rating N/A ON - OFF (momentary OFF)	Slotted (for custom Adaptors)	B 30.0 R3.5 33.4	Gloss  Applies to both Rocker & Body		R Red
4.8 × 0.8*	<b>1510 μ</b> HP rating N/A ON - ON		Matt only		White	White
2.0 1 9.1 2.0 1 1.2 2.8 × 0.8*	1511 µ HP rating N/A ON - ON (momentary 1 side)	Curved Matt or gloss	11.0/1.1 H14.0 Matt only			Lit
<b>T</b>	1520 µ 125V & 250V 1/2 HP H terminal rated T100 only ON - OFF - ON	Splash resistant (with Arcshield) Matt	Q 28.2 R1.6 30.2 28.3 F14.0 Gloss or matt			Amber
Ø2.1 7.0 Solder	1521 µ HP rating N/A H terminal rated T100 only ON - OFF - ON	Two colour Matt ON - OFF only (not momentary)	<b>R</b> 28.5 31.5			Clear
<b>U</b>   1	(momentary 1 side)  1522 µ HP rating N/A H terminal rated	Flat lens Gloss (0430 only)	Mattonly			<b>G</b> Green
Right angle "T" solder terminal	T100 only ON - OFF - ON (momentary 2 sides)	Softline lens Matt (0430 only) as F but with raised profile	T 28.2 R1.6 30.2 28.3 11.5/11.6 ▶114.0 ■			R Red
Ø2.1 \$\frac{\psi}{\pi}\$ 3.2 PCB 0.8Sq*	HP rating N/A H terminal rated T100 only  High					
*N/A for 1300 series	Inrush 1300 ON - OFF					



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

#### In house test:

20A 24Vdc-Indicative rating only

BioCote antimicrobial additive. Independently verified to ISO22196:2007.

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

### **Dimensions**



Panel thickness

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

# **Splash Resistance**

#### 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.



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.

Lamp Voltage	Insert Colour	Legend	Legend Colour	Options
Blank	 Blank	— Blank	— Blank	Finish Matt is standard.  Colour Call sales for custom colours. A full range is available for large orders.
<b>2</b> 125V Neon	R Red	602A	<b>B</b> Black	Legend printing Select from the examples or call sales for custom legends.  Lamp voltage Call sales for details.
3 250V Neon 7 12V Filament	<b>W</b> White		W White	Blanking plates A0434 Dummy units to fill unused panel holes.  Protective cover Snaps on to A, L, Q or T bodies (add G after body code in cat no.), this reduces panel thickness by 1mm.
8 24Vdc Filament				Panel sealing washer W46 is available for the same body sizes, this reduces panel thickness by a further 0.8mm. Covers are not suitable for momentary types.  For all options call sales.



C1500AR - - -



C1500AL - - -₩T1500AL - - -



☐ C1500XL - - -₩T1500XL - - -



☐ C1510AL - - -窗 T1510AL - - -



☐ C1520AL - - -₩ T1520AL - - -



© C0430AL - - -📅 T0430AL - - -

# 5500 Lit Rocker Series

10A 250Vac





# **Key Features**

- O Standard rocker switch
- Illuminated
- Choice of switching circuits
- Choice of bezel styles
- Choice of panel cut outs
- Matching indicator

- Single pole
- O Splash resistant option
- O Panel cut out 'A' style:

# **Approvals and specifications**

- 16(4)A 250Vac T85 10(3)A 250Vac T100, (12A 250Vac T125 for P rocker only)
- **%1** UL CSA 15A 250Vac, CSA 16A Non Ind 250Vac UL CSA 250Vac 1hp, 125Vac 1/2hp UL 85°C, file E45221, CSA file LR10990

μ contact gap.

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

Terminal	Function	Rocker	Body	<b>Body Colour</b>	Rocker Colour
<b>C</b> 9.1 6.3 × 0.8	Approvals & ratings vary with function ON OFF Switches - ON when pressed over terminal 3	Softline (Matt only)	A Panel Cut - outs Bezel  27.2 27.3 12.2/12.3  ■ 14.0 ■	<b>B</b> Black	Un-Lit  B  Black
<b>H</b>	5500 µ ON - OFF Single pole	P	B   30.0   30.1   33   33   11.0/11.1	White	R Red
4.8 × 0.8	5503 µ ON - OFF Lit Switched neutral	Lit window (Matt only)	R1.0 R1.0 31.9		W White Lit
<b>T</b> ∅2.1  √7.0	5508 μ • • • • • • • • • • • • • • • • • • •		11.0/11.1 F14.0 3		A Amber
Solder	Lit Unswitched neutral		11.5/11.6 ►14.0 ►		<b>C</b> Clear
			28.5 28.6 14.0/14.1		<b>G</b> Green
			T  28.2 28.3  11.5/11.6		R Red



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



Terminal spacing -Poles 10.8 between centres (twin units)

#### 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)

Lamp Voltage	Legend	Legend Colour	Options
— Blank	Blank	Blank	Finish Matt is standard. Colour
<b>2</b> 125V Neon	602A	<b>B</b> Black	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
<b>3</b> 250V Neon		<b>W</b> White	Call factory for details.  Blanking plate A0434 (SP) A0494 (DP)  Dummy units to fill unused panel holes.  Protective cover  Snaps on to A, L, Q or T bodies (add G after
5 12Vdc LED (P Rocker) IF = 20-30mA		write	body in cat no.), this reduces panel thickness by 1.00mm.
6 24Vdc LED (P Rocker) IF = 20-30mA			Penel earlier weakers W46 (Cingle Pele) and
<b>7</b> 12V Filament			Panel sealing washers W46 (Single Pole) and W42 (Double Pole) are available for these body types, this reduces panel thickness by 2mm.
8 24Vdc Filament			For all options call the factory.







☑ C5500AL - - -



☐ C5503PL - - -



☐ C5503A/C5430AL



□C5503A/C5503AL



☐C5503P/C5503PL

# 1500 Twin Units Switches and Indicators

16A 250Vac





# **Key Features**

- O Twin unit rocker switch
- Choice of switching circuits including 3 position
- Push-on, solder and PCB terminals
- O Choice of bezel styles
- O Choice of panel cut outs
- Matching indicator
- O Single pole switches

# **Approvals and Specifications**

O Splash resistant option

O Panel cut out 'A' style:

27.2 x 22.3mm

No UL CSA 16A 250Vac UL CSA (2 posn) 250Vac 1hp, 125Vac 1/2hp, (3 posn) 250 Vac 1/2hp, 125Vac 1/4hp UL 85°C, file E45221, CSA file LR10990

For versions with High Inrush or for 50,000 operations,

3mm contact gap except where marked µ.

Terminal	Function	Rocker	Body	Finish	<b>Body Colour</b>	Rocker Colour
G.3×0.8	Approvals & ratings vary with function ON OFF Switches - ON when pressed over terminal 1 or 4	Softline (Matt only)	Panel Cut - outs Bezel  A	<b>M</b> Matt	<b>B</b> Black	Un-Lit <b>B</b> Black
H 0 9.1 4.8 x 0.8	1500 • • • • • • • • • • • • • • • • • • •	B Softline (Matt only)	B 30.0 R3.5 33.4 33.4 Matt only	Gloss Applies to both Rocker & Body	W White	R Red
02.1 Solder 7.0	1510 μ ON - ON 1520 μ	Softline (Matt only)	S0.0 81.0 30.0 30.1 32.0 22.1/22.2 Matt only			W White Lit
2.0 1 J.2 J.3.1	ON - OFF - ON  0430  Indicator	Softline (Matt only)	Q			A
<b>X</b> 4.0 1 9.1		Softline (Matt only)	R 28.4 28.5 33.0/25.4 Matt only 28.9			C Clear G Green
			T 28.2 R1.8 3 30.2 22.3/22.4 Matt only			R Red



Panel thickness

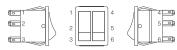
A,Q L,B,T R 0.75 to 3.3mm 0.75 to 2.5mm 0.75 to 3.0mm



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)

# Splash Resistant



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

B option has Hytrel collar/ seals for enhanced protection.

Insert Colou	r Lamp Voltage	Legend	Legend Colour	Options
 Blank	Blank	Blank	Blank	Finish Matt is standard.  Colour Call factory for custom colours. A full range is available for large
R Red	<b>2</b> 125V Neon	602A	<b>B</b> Black	orders.  Legend printing Select from the examples or call factory for custom legends.  Lamp voltage Call factory for details.
W White	<b>3</b> 250V Neon		<b>W</b> White	
	5 12Vdc LED (P Rocker)			
	6 24Vdc LED (P Rocker)			
	<b>7</b> 12V Filament			
	<b>8</b> 24Vdc Filament			



☐ C1500A/C1500AL



☐ C1500A/C0430AL



☐ C1500X/C1500XL



☐ C1520A/C1510AL



□C1500A/C1520AL



□C0430A/C0430AL

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





# **Key Features**

- Standard rocker switch
- 1350/53 high inrush
- O Choice of switching circuits including 3 position
- Push-on, solder and PCB terminals
- O Choice of bezel styles
- O Choice of panel cut outs

- Matching indicator
- O Double pole
- O Splash resistant option
- O Panel cut out 'A' style: 27.2 x 22.3mm

# **Approvals and specifications**

- 1550 Series 16(4)A 250Vac T125
- No UL CSA 16A 250Vac, (2 posn) 250Vac 1hp, 125Vac 1/2hp, 1350 72 Vdc 7A (3 posn) 250 Vac 1/2hp, 125Vac 1/4hp. UL 85°C, file E45221, CSA file LR10990.

#### In house test:

10A 24Vdc—Indicative rating only. NB Types fitted with Neon will not illuminate for low DC voltage applications.

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.

Terminal		Func	tion		Rocker	Body
<b>C</b>	Standard 1550	ON - OFF	0480 x terminal N/A	•——(.)•	Softline Matt	Panel cut-out Bezel  Cut-outs must be punched in the direction of insertion
6.3 × 0.8	<b>1551</b> HP rating N/A	ON - OFF (momentary ON)	High Inrush 1350 Not W, X or B rocker	ON - OFF	B Splash resistant Softline	A 27.3 27.3 22.3/22.4 Gloss or Matt 25.0
<b>H</b>	<b>1552</b> HP rating N/A	ON - OFF (momentary OFF)	<b>1353</b> Not W, X or B rocker	ON - OFF Lit	Curved  Matt or Gloss Gloss only	B 30.0 R3.5 33.4
4.8 × 0.8*	<b>1553</b> Not W, X or B rocker	ON - OFF			Lit (not momentary)  W Splash resistant Curved	22.1/22.2 Matt only
2.0 4 9.1	1560 μ	ON - ON			Lit window Matt	30.0 R1.0 30.0 32.0 32.0 Matt only
►     <b>1</b> .2 2.8 × 0.8*	1561 µ HP rating N/A	ON - ON (Momentary 1 Side)			Lit (not momentary)  X Two colour Matt	Q 28.2 R1.6 30.2
Ø2.1 $7.0$	1562 µ In house tests only	2 Circuit on - on			(ON OFF only - not momentary)	22.3/22.4 Gloss or matt 25.0
Solder	1570 µ 125V & 250V 1/2 HP H terminal rated T100 only H terminal rated T100 only	ON - OFF - ON			R Round	R 28.4 28.5 33.2 23.0/25.4 Matt only
3.2 Ø2.1  Right angle "T" solder terminal	1571 µ HP rating N/A H terminal rated T100 only	ON - OFF - ON (momentary 1 side)			Flat Lens Gloss (0480)	R1.6 30.2
X ////////////////////////////////////	1572 µ HP rating N/A H terminal rated T100 only	ON - OFF - ON (momentary 2 sides)			Softline lens Matt (0.480 only) as F but with raised profile	22.3/22.4 Matt only
Ø2.1 ♣					(1)	



# Approvals and specifications (continued)

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

In house test: 20A 24Vdc—Indicative rating only

3mm contact gap except if marked  $\boldsymbol{\mu}.$ 

# **Splash Resistance**



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.

# **Dimensions**



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

Finish	Body Colour	Rocker Colour	Insert Colour	Lamp Voltage	Legend	Legend Colour	Options
M Matt	<b>B</b> Black	Un-Lit <b>B</b> Black	- Blank	 Blank	 Blank	 Blank	Finish Matt is standard. Colour
		R Red	R	<b>2</b> 125V Neon			Call sales for custom colours. A full range is available f large orders.
<b>G</b> Gloss	W White	W White	Red	<b>3</b> 250V Neon	602A	B Black	Legend printing Select from the example or call sales for custom legends.
Applies to both Rocker & Body		Lit <b>A</b>	W White	5			Lamp voltage Call sales for details.
		Amber		12Vdc LED (P Rocker)		White	Blanking plates A0494 Dummy units to fill unus panel holes.
		Green C Clear		6 24Vdc LED (P Rocker)			Protective cover Snaps on to A, L, Q or bodies (add G after bod cat no). This reduces pa thickness by 1mm.
		R Red		<b>7</b> 12V Filament			
Examples				<b>8</b> 24Vdc Filament			
0							Panel sealing washer Wis available for the above body sizes. This reduce panel thickness by a further thickness by a further washing the seal of the s
☐ C1350AL	☐ C1550XL	☐ C1553PL	☐ C1553RA Shown with M614 bezel cover				1.00mm. Covers are not suitable momentary types.



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



☐ C0480AL - - -

For all options call sales.

# 1550 Standard & 1350 High Inrush Switches 150A to EN61058-1 and 16A 250Vac250Vac





#### **Key Features**

- O Standard rocker switch
- Choice of switching circuits including 3 position
- O Push-on, solder and PCB terminals
- Choice of bezel styles
- Choice of panel cut outs

- Matching indicator
- O Double pole
- Option with guard &
- O DC LED Illumination Available for "P" Rocker
- O Bezel size 'G' style 32.0 x 25.0

# **Approvals and specifications**

- 1550 Series 16(4)A 250Vac T125
- **N** UL CSA 16A 250Vac, (2 posn) 250Vac 1hp, 125Vac (3 posn) 250 Vac 1/2hp, 125Vac 1/4hp. UL 85°C, file E45221, CSA file LR10990.

In house test: 10A 24Vdc-Indicative rating only

1350 Series

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

Terminal	Functi	on	Rocker	Body	Finish	Body Colour	Rocker Colour
C	Standard 1550	ON - OFF	A Softline Matt	Panel cut-out Bezel  Cut-outs must be punched in the direction of insertion	M Matt	<b>B</b> Black	Un-Lit  B  Black
6.3 × 0.8	<b>1551</b> HP rating N/A	ON - OFF (momentary ON)		B 30.0 30.1 32.0			R Red
H	1552 HP rating N/A	ON - OFF (momentary OFF)		ZZ.1/ZZ.Z ZO.U Matt only	G Gloss	W White	W White
9.1 4.8 × 0.8*	<b>1553</b> Not W, X or B rocker	ON - OFF	V Curved	28.2 28.3	Applies to both Rocker & Body		Lit A
K	1560 μ	ON - ON	Matt or Gloss Gloss only Lit (not momentary)	22.1/22.2 25.0 ±			Amber
2.0	1561 μ HP rating N/A	ON - ON (Momentary 1 Side)					Green C Clear
2.8 x 0.8*	1562 µ In house tests only	ON - ON 2 Circuit					R Red
<b>T</b>	1570 µ 125V & 250V 1/2 HP H terminal rated T100 onlyH terminal rated T100 only	ON - OFF - ON	Lit window Matt				
Solder	1571 µ HP rating N/A H terminal rated T100 only	ON - OFF - ON (momentary 1 side)	Lit (not momentary)				
Ø2.1	1572 μ HP rating N/A H terminal rated T100 only	ON - OFF - ON (momentary 2 sides)					
Right angle T Solder (Not DP)	High Inrush 1350 Not W, X or B rocker	ON - OFF					
Ø2.1	<b>1353</b> Not W, X or B rocker	ON - OFF Lit					
PCB 0.8Sq* *Contact sales for details on 1350 series		Lit					



In house test: 20A 24Vdc-Indicative rating only

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

# **Splash Resistance**



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.

# **Dimensions**



Panel thickness G, H 0.75 to 2.5mm

Terminal spacing - Poles 10.2 between centres

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

Insert Colour	Lamp Voltage	Legend	Legend Colour	Options
 Blank	 Blank	 Blank	 Blank	Finish Matt is standard.
<b>R</b> Red	2 125V Neon 3 250V Neon	602A	<b>B</b> Black	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
<b>W</b> White	5 12Vdc LED (P Rocker)		W White	legends.  Lamp voltage Call sales for details.
	24Vdc LED (P Rocker)  7  12V Filament			
	<b>8</b> 24Vdc Filament			





☐ C1553AH - - -

☐ C1550AH - - -

# R13 Round Rocker Switches

10A 250Vac





# **Key Features**

- Miniature round rocker switch
- Ratings up to 10A, 250Vac
- O Single & double pole
- Illuminated & nonilluminated, neon andLED
- O Choice of actuators
- Matching indicator
- O Panel cut out: 20.2 dia.

# **Approvals and specifications**

- SP 10(4)A 250Vac T85 1E4

**%1.6** 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  $\boldsymbol{\mu}$  contact gap.

#### Special products

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

#### **Dimensions**



Snap fixing into 2.0 to 3.0mm panels











Protective cover L188



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

# Examples







☐ R13 112B NAA

TR13 112A AAA

TR13 112A2 ---

R13 /112 / A / B / B / 3 / 2 / 602A / W /L188

Series

Туре

Function

Body Colour Rocker Colour Insert Colour

Lamp Voltage Legend

ia

Legend Colour Legend Colour



#### **Product details**







1 2 3 SP ON - OFF µ Lit 230V Cat no. R13 112B NAC









1 2 SP ON - OFF µ Cat no. R13 112A AAB



1 2 3 SP ON - ON μ Cat no. R13 112C AAA











1 2 3 SP ON - OFF µ Lit 230V Cat no. R13 112B NAA



1 2 3 SP ON - OFF - ON μ Cat no. R13 112D AAA









1 2 3 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 Lit 230V Cat no. R13 244B NAA

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8138K20E6M50 FMC18A2200002 84206L 84312LX PREDD4-07F-BB0FW PREDD5-07F-BB0GW PRFDD1-16F-BB000 PRFDD3-16F-BB000 1-1634201-0 999-16702-001 A101J2ZQ004 A101J4ZQ004 A101J51CB0004 A107J51ZQ0004 A201J1AQ004 A201J1AV2Q004 A201J3ZB004 A201J50ZQ004 A203J51ZQ0004 A226L11YZQ A22L11A A435S1YZQ H8500XBBBBL-A H8653VBBG2577W

HB130CHNWWNAAC 1251.0303 AE205J60V3B004 RH110C2NBB 1352.0107 1363.0201 AML25GBF2AA03GR 1571099-3 1571987-4 1571987-5 1571989-7 B123J77V7B2 B226J50W4Q22P B433J37ZQ22M 160212E 1801.1164 1831.1102 1833.3402 1837.1118