

Bulgin's range of **high quality rocker switches** includes a huge choice of **single** and **double contact** options available in various sizes, colours, terminations, actuator types and **ratings up to 20A, 277Vac**, 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
- Single & double contact variants available
- Push-on, solder & PCB terminals
- 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
- Choice of switching circuits including 3 position





Key Features

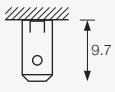
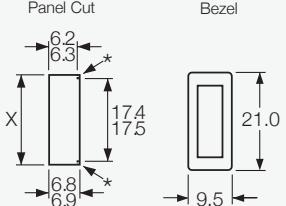
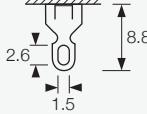
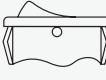
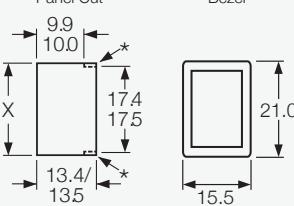
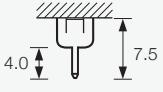
- Ultra thin rocker switch
- Ratings up to 15A, 250Vac
- Single and twin gang
- Panel cut out:
Single 19.3 x 6.8
Twin 19.3 x 13.4

Approvals and specifications

 6(2) A 250 V AC 5E4 T100
10(6) A 250 V AC 1E4 T100
Inrush 10/50 A 250 V AC 1E4 T100

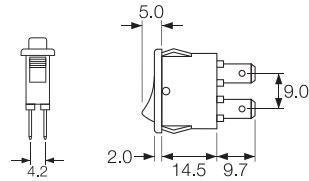
 UL 15A 250Vac (Twin unit is 10A 250Vac)
UL 125Vac 1/2hp
UL 100°C, CSA file LR10990

3mm contact gap.

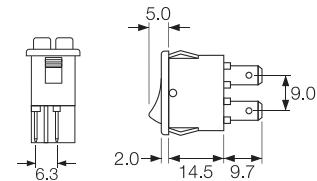
Terminal	Function	Rocker	Body	Body Colour	Rocker Colour						
H  9.7	 Switches are ON when pressed over terminal 1	8800  ON - OFF Single contact	A. Single contact  *Optional profile for orientation	B Black	B Black						
T  8.8	 Switches are ON when pressed over terminal 1 or 3		B. Single contact - Twin  *Optional profile for orientation	R Red	R Red						
X  7.5	8800  ON - OFF Twin contact		<p>Panel thickness</p> <table> <tr><td>0.75-1.2</td><td>Dim X</td></tr> <tr><td>1.25-1.99</td><td>19.1/19.2</td></tr> <tr><td>2.00-3.00</td><td>19.3/19.4</td></tr> </table> <p>Cut-outs must be punched in the direction of insertion</p>	0.75-1.2	Dim X	1.25-1.99	19.1/19.2	2.00-3.00	19.3/19.4	W White	W White
0.75-1.2	Dim X										
1.25-1.99	19.1/19.2										
2.00-3.00	19.3/19.4										

Dimensions

8800VA (H terminals shown)



8800V/8800VA (H terminals shown)



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

Examples



† X8800VA



† X8800VA
† T8800VA - - -



† X8800VA
† T8800VA - - -



† H8800V/H8800VA
† T8800V/T8800VA



† H8800V/H8800VA
† T8800V/T8800VA

8500 Rocker Switches - Miniature

15A 250Vac Single & Double Contact



Key Features

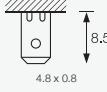
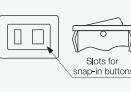
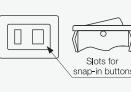
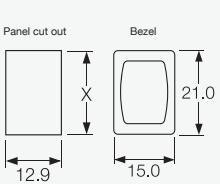
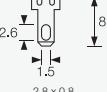
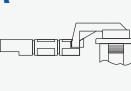
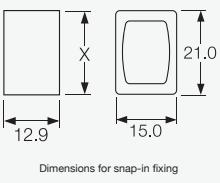
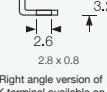
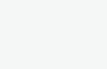
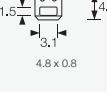
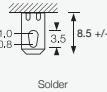
- Miniature rocker switch
- Ratings up to 15A, 250Vac
- Single & double contact in same body size
- Illuminated & non-illuminated
- Matching indicators
- Industry standard panel cut-out
- Rotary and push button actuator options
- Panel cut out: 19.3 x 12.9

Approvals and specifications

6(4) A, 250 VAC, 5E4, T125
10(6) A, 250 VAC, T125
10(6) A, 250 VAC, T100

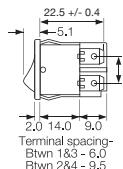
UL 15A Non Ind 250Vac, 14A Ind 250Vac, 10A 277Vac
UL 250Vac 1/2hp, 125Vac 1/4hp
UL 105°C, (non lit)

3mm contact gap.

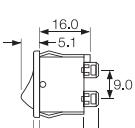
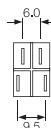
Terminal	Function	Rocker	Body	Body Colour	Rocker Colour	
H  8.5 4.8 x 0.8	 ON OFF Switches are ON when pressed over terminal 1 1a - - 2a 3b - - 4b	8500  ON - OFF Single contact (Uses terminals 1a & 2a)	H Slotted for custom caps  Slots for snap-in buttons	B Standard body with terminal barrier  Panel cut out: 19.3 x 12.9 Bezel: 15.0 x 21.0	B Black	Un-Lit B Black
K  8.5 2.6 1.5 2.8 x 0.8	 ON - OFF Single contact	8503  ON (lit) - OFF Single contact	R Semi-rotary (not lit) 	BC Body without terminal barrier  Panel cut out: 19.3 x 12.9 Bezel: 15.0 x 21.0	R Red	Lit R Red
L  3.2 2.6 2.8 x 0.8 Right angle version of K terminal available on 8500 only	 ON (lit) - OFF Single contact	8550  ON - OFF Double contact	V Curved (not lit) 	W White	A Amber	
R  4.5 3.1 4.8 x 0.8	 ON (lit) - OFF Double contact	8553  ON (lit) - OFF Double contact	X Two colour (not lit) 	G Green	C Clear	
T  0.4 3.5 8.5 +/- 0.4 Solder	 Indicator  UL/CSA E63363	8580 Available with H terminals only  Push button operation (8500 only) See drawing opposite	A Softline lens 	R Red		

Dimensions

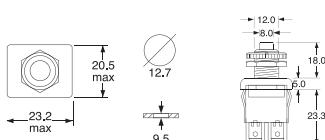
"B" body with barrier for H, T and K terminals



"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	<p>Finish Matt finish only.</p>
R Red	2 125V Neon	076	B Black	<p>Colour Call sales for custom colours. A full range is available for large orders.</p>
W White	3 250V Neon		W White	<p>Legend printing Select from the examples or call sales for custom legends.</p> <p>Lamp voltage Call sales for details of available voltages.</p> <p>Protective cover L167 Screws on to bodies with V or X style rockers and A lens. This reduces panel thickness by 0.8mm.</p>
Leave blank for other Rocker types	7 12V Filament			
	8 24V Filament			

Examples



8600 Rocker Switches - Miniature

10A 250Vac Single & Double Contact



Key Features

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

Approvals and specifications

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

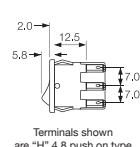
UL See ratings below
UL 65°C, file E45221

3mm contact gap except where marked μ .

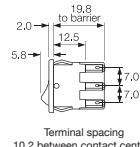
Terminal	Function	Rocker	Body	Body Colour
H 	Approvals & ratings vary with function 	ON/OFF Switches are ON when pressed over terminal 3 	V Curved 	B Single Contact
8600 10(4)A 16A 250V, 10A 277V 1/2HP 277V, 1/4HP 125V ON - OFF		8650 10(4)A 10A 277V 1/2HP 277V, 1/4HP 125V ON - OFF		B Black
T 	8601 6(1)A 16A 250V, 6A 277V ON - OFF (momentary ON)	8651 6(1)A 6A 277V ON - OFF (momentary ON)	V Curved (lit) 	B (Double Contact) with terminal barrier
8602 10A 6A 277V ON - OFF (momentary OFF)		8652 10(4)A 6A 277V ON - OFF (momentary OFF)	F Flat Indicator only (Single contact) 	BC (Double Contact) w/o terminal barrier
X 	N/A ON - OFF Lit	8653 10(4)A 6A 277V ON - OFF Lit		Double Contact dimensions for snap-in fixing Panel thickness: 0.75-1.24, 1.25-1.99, 2.00-3.00. Dim X: 19.1/19.2, 19.3/19.4, 19.7/19.8 Cut-outs must be punched in the direction of insertion
8610 6(1)A 10A 277V 1/2HP 277V, 1/4HP 125V ON - ON		8660 6(1)A 10A 277V 1/2HP 277V, 1/4HP 125V ON - ON		
8611 6A 277V ON - ON (momentary 1 side)		8661 6A 277V ON - ON (momentary 1 side)		
* 8611 and 8661 not covered by ENEC				
8620 μ ON - OFF - ON		8670 μ ON - OFF - ON		
8630 6(1)A UL E63363 CSA LR29381		N/A		
Indicators				

Dimensions

Single contact Double contact



Terminals shown
are "H" 4.8 push on type



Terminal spacing
10.2 between contact centres

Rocker Colour	Lamp Voltage	Legend	Legend Colour	Options
Un-Lit B Black		Blank	Blank	Finish Matt finish only.
R Red	2 125V Neon	076	B Black	Colour Call sales for custom colours. A full range is available for large orders.
W White				Legend printing Select from the examples or call sales for custom legend.
Lit A Amber	3 250V Neon		W White	Lamp voltage Call sales for details of available voltages.
G Green				Blanking plate A8634FB Dummy unit to fill unused panel holes. Single contact size only.
C Clear	7 12V Filament			Protective covers L167 for SP L180 for DP Snap on to bodies with V rocker or F lens. This reduces panel thickness by 2.2mm.
R Red	8 24V Filament			
				Single Contact options Most switches shown can have single contact switching in double contact bodies.

Examples



⊟ H8600VB ---
⊟ T8600VB ---



⊟ H8600VB ---
⊟ T8600VB ---



⊟ H8630FB ---
⊟ T8630FB ---



⊟ H8650VB ---
⊟ T8650VB ---



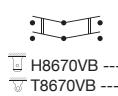
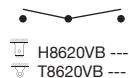
⊟ H8660VB ---
⊟ T8660VB ---



⊟ H8653VB ---
⊟ T8653VB ---

8620 & 8670 Rocker Switches

3 Positions - 10A 250Vac



Key Features

- 3 position miniature rocker switch
- Ratings up to 15A, 250Vac
- Single & double Contact
- Centre off switching
- Push on, solder and PCB terminals
- Matching indicators

Approvals and specifications

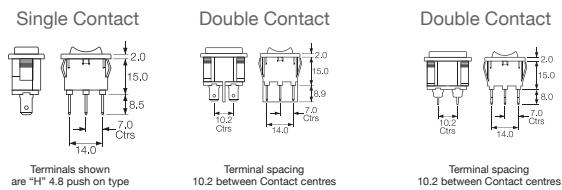
10(4)A 250Vac T90

UL 15A 277Vac (Single Contact)
 UL 250Vac 1/2hp (Single Contact)
 UL 125Vac 1/4hp (Single Contact)
 UL 10A 277Vac (Double Contact)
 UL 277Vac 1/2hp (Single & Double Contact)
 UL 90°C

μ contact gap.

Terminal	Function	Rocker	Body	Body Colour	Rocker Colour
H 4.8 x 0.8	8620 ON - OFF - ON Single Contact	V Curved	B Single Contact Panel thickness 0.75-1.24 1.25-1.99 2.00-3.00 Dim X 19.1/19.2 19.3/19.4 19.7/19.8	B Black	Lit (DP)
T Solder Ø2.15 6.4	8670 ON - OFF - ON Double Contact	H Slotted for actuator (8620 only)	B Single Contact - Twin Panel thickness 0.75-1.24 1.25-1.99 2.00-3.00 Dim X 19.1/19.2 19.3/19.4 19.7/19.8	R Red	A Amber
X PCB 0.8sq Double Contact switches with X terminals are supplied without terminal barriers 4.0 8.0			 Cut-outs must be punched in the direction of insertion	C Clear	G Green
				R Red	R Red
				B Black	Lit (DP)
				R Red	B Black
				W White	W White

Dimensions

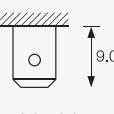
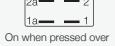
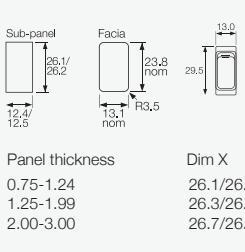
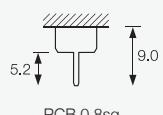
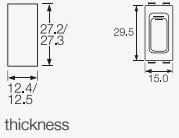


Lamp Voltage	Legend	Legend Colour	Options
— Blank	— Blank	— Blank	<p>Finish Matt finish only.</p> <p>Colour Call sales for custom colours. A full range is available for large orders.</p> <p>Legend printing Select from the examples or call sales for custom legend.</p> <p>Lamp voltage Call sales for details of available voltages.</p> <p>Blanking plate A8634FB Dummy unit to fill unused panel holes. Single Contact size only.</p> <p>Protective covers L167 for SP L180 for DP Snap on to bodies with V rocker or F lens. This reduces panel thickness by 2.2mm.</p> 
2 125V Neon	076	B Black	
3 250V Neon		W White	
7 12V Filament			
8 24V Filament			<p>Single Contact options Most switches shown can have single Contact switching in double Contact bodies.</p>



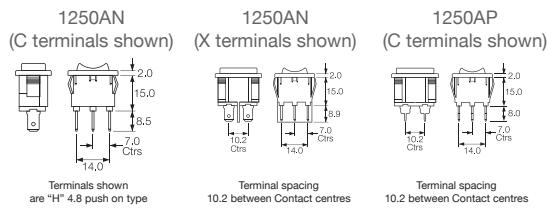
Key Features

- Standard rocker switch
- Double Contact in single Contact body
- Snap in or sub panel mount
- Integral terminal barrier
- 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	Body Colour	Rocker Colour
C 	 2a --- 2 1a --- 1 ON - OFF Double Contact Contacts are 9.0mm between centres.	1250  2a --- 2 1a --- 1 ON - OFF Double Contact Contacts are 9.0mm between centres.	A Curved  Shown in N body	N Panel cut-out  Sub-panel 26.1/ 26.2 mm Facia 23.8 nom Bezel 29.5 mm Panel thickness 0.75-1.24 1.25-1.99 2.00-3.00 mm Dim X 26.1/26.2 26.3/26.4 26.7/26.8 mm	B Black W White
X 	 1a --- 1 ON - OFF Single Contact	1250SP  1a --- 1 ON - OFF Single Contact	P Panel cut out  Sub-panel 27.2/ 27.3 mm Facia 29.5 mm Bezel 15.0 mm Panel thickness 0.75-3.00 mm		G Grey

Cut-outs must be punched in the direction of insertion

Dimensions



Approvals and specifications

 CE	10(6)A 250Vac T100 6A 400Vac T100 1A 30Vdc
 UL	UL 10A 250Vac UL 16A 250Vac Resistive UL 125Vac 1/2hp UL 1A 30Vdc UL 100°C

3mm contact gap

Legend	Legend Colour	Options
085	B Black	<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>
	W White	

7500 Rocker Switches

30A 250Vac

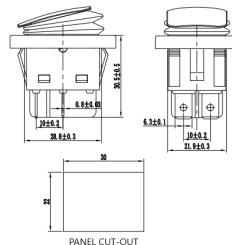


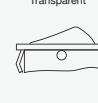
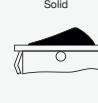
Key Features

- IP68 Rated
- Rated to 30A at 250V
- Available colours:
 - Transparent: Red, Green, Blue, Yellow, White,
 - Solid: Black
- Termination options: Screw Terminal, 6.3 X 0.8mm solder tab / Push fit
- Switch functions available: ON-OFF, ON-ON, ON-OFF-ON.
- Panel Cut Out - 30mm x 22mm

Approvals and specifications

UL = 30A 250Vac, 40T85, 1E4 (10,000 cycles)
cUL = 30A 250Vac, 40T85, 1E4 (10,000 cycles)



Terminal	Function	Rocker	Lamp Voltage	Rocker Colour
C  6.3 x 0.8mm	7510  ON - OFF	T Transparent 	000 No LED	Illuminated (DP)
	7520  ON - ON	S Solid 	012 12V	R Red
S  Screw & Clamp	7530  ON - OFF - ON		024 24V	G Green
			110 110V	B Blue
			250 250V	Y Yellow
				W White
				K Black Non-illuminated (DP)

General Specifications	
Electrical	
Voltage	250VAC
Current	30A
Insulation Resistance	$\geq 50M\Omega$ /500VDC
Power-Frequency Withstand Voltage	AC1500v 10s
Durability	10,000
Operating Temperature	-40°C to 85°C
Switch Contact Configuration	Double Pole
Technical	
Panel Mount Cut-Out	22mm X 30mm Square
Max Panel Thickness	2.5mm
Terminal Material	Brass (Silver Plated)
Body Material	PA66 Nylon
Approvals	UL (File Number: E45221)
IP Rating	IP68

6000 SP Splash Resistant Rocker Switches

16A 250Vac



Key Features

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

Approvals and specifications

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

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



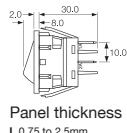
Terminal	Function	Rocker	Body	Body Colour	Rocker Colour	Lamp Voltage
C 	6000 ON - OFF 6001 ON - OFF (momentary ON)	A Softline Matt	L Panel cut-out ** Bezel R2,0 30,0/30,1 11,0/11,1 31,5 14,0 Cut-outs must be punched in the direction of insertion	B Black	Lit (DP) A Amber	— Blank
H 	6002 ON - OFF (momentary OFF) 6003 ON - OFF Lit	A Softline Matt		W White	C Clear G Green R Red	2 125V Neon 3 250V Neon 5 12Vdc LED (P Rocker)
S 	6008 ON - OFF Lit (Unswitched neutral) 6009 ON - OFF (momentary ON) Lit (Unswitched neutral) 6010 ON - ON 6011 ON - ON (momentary 1 side)	P Lit window Matt			B Black R Red W White	6 24Vdc LED (P Rocker) 7 12V Filament 8 24Vdc Filament

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



Legend	Legend Colour	Options
Blank	Blank	G74 Protective Cover
1223	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. 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. 
	W White	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

Examples



□ C6000AL - - -



□ C6000AL - - -



□ C6010AL - - -



□ C6003AL - - -



□ C6003PL - - -



□ C6030AL - - -

6050 DP Splash Resistant Switches

& Twin Switches - 16A 250Vac



Key Features

- ◊ Ratings up to 20A, 277V ac
- ◊ Positive switch action
- ◊ Distinctive styling
- ◊ Illuminated & non-illuminated
- ◊ Double Contact
- ◊ DC LED Illumination Available
- ◊ Panel cut out: 30.1 x 22.2mm

Approvals and specifications

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

UL (except 6054 & 6055 Switches) 20A 277Vac, 250Vac 11/2hp, 125Vac 1hp

UL 100°C

3mm contact gap with Positive Break switching.

Terminal	Function	Rocker	Body	Body Colour
C 6.3 x 0.8	6050 ON - OFF 6051 ON - OFF (momentary ON) 	6060 ON - ON 6061 ON - ON (momentary 1 side) 	A Softline Matt 	L Double Contact Panel cut-out ** Bezel 22.1/22.2 x 30.0/30.1 x 31.5
H 4.8 x 0.8	6052 ON - OFF (momentary OFF) 6053 ON - OFF Lit 6054 ON - OFF (momentary ON) Lit 	6062 2 Circuit ON - ON (In house tests only) 6066 ON - ON (Single Contact) Isolated light 	A Softline Matt 	L Twin units Contact sales for information on splash resistance and IP ratings 22.1/22.2 x 30.0/30.1 x 31.5
S Screw & Clamp N/A for assemblies with 3 terminals	6055 ON - OFF (Single Contact) (momentary ON) Lit 6056 ON - OFF (Single Contact) Isolated light 6057 ON - OFF Isolated light 6058 ON - OFF (Single Contact) Lit 6059 ON - OFF (Single Contact) (momentary ON) Isolated light 	6067 ON - ON Lit 6068 ON - ON 1 Contact ON - OFF Lit 1 Contact 6090 ON - OFF 1 Contact ON - OFF Lit 1 Contact 6091 ON - OFF (momentary ON) Lit 6092 ON - OFF 1 Contact ON - ON 1 Contact Lit 	P Lit window Matt 6090 Lit window 	Un-Lit (DP) B Black R Red W White

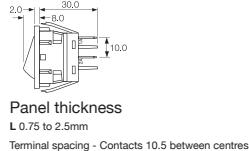
Integral Splash Resistance



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

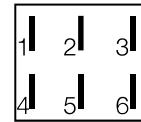
For IP65 see options below

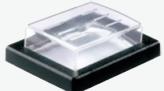
Dimensions



Vary with Function

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



Rocker Colour	Lamp Voltage	Legend	Legend Colour	Options
B Black	— Blank	— Blank	— Blank	G72 Protective Cover
R Red	2 125V Neon	1223	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	3 250V Neon		W 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.
	5 12Vdc LED (P Rocker)			
	6 24Vdc LED (P Rocker)			Panel sealing washer W42 is available. This reduces panel thickness by 1.00mm. Covers are not suitable for momentary types.
	7 12V Filament			IP Ratings Call the sales for details.
	8 24Vdc Filament			Terminal Link P1067 connects the Contacts of a double Contact switch or twin unit. # Mounting orientation may affect IP rating.

Examples



□ C6050AL - - -

□ 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
- Choice of switching circuits including 3 position
- Choice of bezel styles
- Choice of panel cut outs
- Matching indicator
- Single Contact
- Splash resistant option
- DC LED Illumination Available for "P" Rocker
- Panel cut out 'A' style: 27.3 x 12.3mm

Approvals and specifications

1500 Series 16(4)A 250Vac T125 (European Approvals Pending)

UL 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

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

1300 series 16(4)A 250Vac T125 1E4 (10,000 Ops.)

Terminal	Function	Rocker	Body	Finish	Body Colour
C 	Standard 1500 ON - OFF 1501 HP rating N/A ON - OFF (momentary ON) 1502 HP rating N/A ON - OFF (momentary OFF) 1510 μ HP rating N/A ON - ON 1511 μ HP rating N/A ON - ON (momentary 1 side) 1520 μ 125V & 250V 1/2 HP H terminal rated T100 only ON - OFF - ON 1521 μ HP rating N/A H terminal rated T100 only ON - OFF - ON (momentary 1 side) 1522 μ HP rating N/A H terminal rated T100 only ON - OFF - ON (momentary 2 sides) 0430 (Indicator) HP rating N/A H terminal rated T100 only 1484 In-house tested to 10(3)A 250Vac 3 position selective 1487 In-house tested to 10(3)A 250Vac 3 position selective High Inrush 1300 ON - OFF	A Softline Matt B Splash resistant (with Archshield) Matt H Slotted (for custom Adaptors) not momentary V Curved Matt or gloss W Splash resistant (with Archshield) Matt X Two colour Matt ON - OFF only (not momentary) F Flat lens Gloss (0430 only) A Softline lens Matt (0430 only) as F but with raised profile	Panel cut-out Cut-outs must be punched in the direction of insertion A 27.2 27.3 12.2/12.3 B 30.0 30.1 11.0/11.1 R3.5 33.4 14.0 L 30.0 30.1 11.0/11.1 R1.0 32.0 14.0 Q 28.2 28.3 11.5/11.6 R1.6 30.2 14.0 R 28.5 28.6 14.0/14.1 31.5 17.0 T 28.2 28.3 11.5/11.6 R1.6 30.2 14.0	M Matt G Gloss W White	B Black R Red M Matt
H 					
K 					
T 					
U 					
X 					

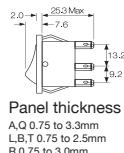
PCB 0.85sq*
*N/A for 1300 series

150A Inrush to EN61058-1
 UL 20A 250Vac 1hp, 125Vac 1/2hp
 UL 85°C

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

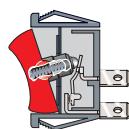
3mm contact gap except if marked μ .

Dimensions



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.

Rocker Colour	Lamp Voltage	Insert Colour	Legend	Legend Colour	Options
Un-Lit		Blank	Blank	Blank	<p>Finish Matt is standard.</p>
B Black					<p>Colour Call sales for custom colours. A full range is available for large orders.</p>
	2 125V Neon	R Red	602A	B Black	<p>Legend printing Select from the examples or call sales for custom legends.</p>
R Red					<p>Lamp voltage Call sales for details.</p>
	3 250V Neon	W White		W White	<p>Blanking plates A0434 - - Dummy units to fill unused panel holes.</p>
W White					<p>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.</p>
Lit					
	8 24Vdc Filament				
A Amber					
C Clear					<p>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.</p>
G Green					For all options call sales.
R Red					
Examples					
					
	<input type="checkbox"/> C1500AR - - - <input checked="" type="checkbox"/> T1500AR - - -	<input type="checkbox"/> C1500AL - - - <input checked="" type="checkbox"/> T1500AL - - -	<input type="checkbox"/> C1500XL - - - <input checked="" type="checkbox"/> T1500XL - - -	<input type="checkbox"/> C1510AL - - - <input checked="" type="checkbox"/> T1510AL - - -	<input type="checkbox"/> C1520AL - - - <input checked="" type="checkbox"/> T1520AL - - -
					<input type="checkbox"/> C0430AL - - - <input checked="" type="checkbox"/> T0430AL - - -

5500 Lit Rocker Switches

10A 250Vac



Key Features

- Standard rocker switch
- Illuminated
- Choice of switching circuits
- Choice of bezel styles
- Choice of panel cut outs
- Matching indicator
- Single Contact
- Splash resistant option
- Panel cut out 'A' style:

Approvals and specifications

6(4) A, 250 V ac, 50/60 Hz, IP40, 1E4, T85/55, micro disconnection
 12 A, 250 V ac, 50/60 Hz, IP40, 1E4, T125/55, micro disconnection

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

μ contact gap.

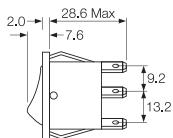
For Twin units repeat the order details for both the left and right sides.

Terminal	Function	Rocker	Body	Body Colour	Rocker Colour
C 	Approvals & ratings vary with function ON OFF Switches - ON when pressed over terminal 3	A Softline (Matt only) 	A Panel Cut - outs 	B Black	Un-Lit
H 	5500 μ ON - OFF Single Contact	P Lit window (Matt only) 	B 	W White	R Red
T 	5503 μ ON - OFF Lit Switched neutral	L 	L 	W White	Lit
	5508 μ ON - OFF Lit Unswitched neutral	Q 	Q 	A Amber	
		R 	R 	C Clear	
		T 	T 	G Green	
					R Red

Dimensions

Panel thickness

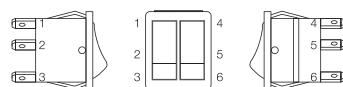
A,Q 0.75 to 3.3mm
 L,B,T 0.75 to 2.5mm
 R 0.75 to 3.0mm



Terminal spacing -
 Contacts 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 Contact 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	<p>Finish Matt is standard.</p> <p>Colour Call factory for custom colours. A full range is available for large orders.</p>
2 125V Neon	602A	B Black	<p>Legend printing Select from the examples or call factory for custom legends.</p> <p>Lamp voltage Call factory for details.</p> <p>Blanking plate A0434 - - (SP) A0494 - - (DP) Dummy units to fill unused panel holes.</p>
3 250V Neon		W White	<p>Protective cover Snaps on to A, L, Q or T bodies (add G after body in cat no.), this reduces panel thickness by 1.00mm.</p>
5 12Vdc LED (P Rocker) IF = 20-30mA			
6 24Vdc LED (P Rocker) IF = 20-30mA			<p>Panel sealing washers W46 (Single Contact) and W42 (Double Contact) are available for these body types, this reduces panel thickness by 2mm.</p>
7 12V Filament			<p>For all options call the factory.</p>
8 24Vdc Filament			

Examples



□ C5503AL - - -



□ C5500AL - - -



□ C5503PL - - -



□ C5503A/C5430AL



□ C5503A/C5503AL



□ C5503P/C5503PL

1500 Twin Units Switches and Indicators

16A 250Vac



Key Features

- 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 Contact switches
- Splash resistant option
- Panel cut out 'A' style: 27.2 x 22.3mm

Approvals and Specifications

16(4)A 250Vac T125 (Pending)

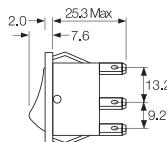
UL 16A 250Vac
UL (2 posn) 250Vac 1hp, 125Vac 1/2hp, (3 posn) 250 Vac
1/2hp, 125Vac 1/4hp
UL 85°C

For versions with High Inrush or for 50,000 operations,
3mm contact gap except where marked μ .

Terminal	Function	Rocker	Body	Finish	Body Colour	Rocker Colour
C 	Approvals & ratings vary with function ON OFF Switches - ON when pressed over terminal 1 or 4 	A Softline (Matt only) 	Panel Cut - outs Bezel 	M Matt	B Black	Un-Lit
H 	1500 ON - OFF 	B Softline (Matt only) 	B Panel Cut - outs Bezel 	G Gloss	W White	B Black
T 	1510 μ ON - ON 	W Softline (Matt only) 	B Panel Cut - outs Bezel 	G Applies to both Rocker & Body	R Red	R Red
K 	1520 μ ON - OFF - ON 	X Softline (Matt only) 	L Panel Cut - outs Bezel 		W White	W White
X 	0430 Indicator 	A Softline (Matt only) 	Q Panel Cut - outs Bezel 	A Amber	C Clear	C Clear
			R Panel Cut - outs Bezel 	G Green	R Red	G Green
			T Panel Cut - outs Bezel 			

Dimensions

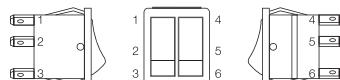
Panel thickness
A,Q 0.75 to 3.3mm
L,B,T 0.75 to 2.5mm
R 0.75 to 3.0mm



Call sales for terminal spacing details

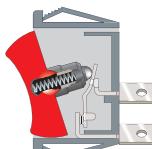
Twin units

Two single switches or a switch and an indicator light can be assembled side by side in one double Contact 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 Colour	Lamp Voltage	Legend	Legend Colour	Options
Blank	Blank	Blank	Blank	<p>Finish Matt is standard.</p> <p>Colour Call factory 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 factory for details.</p>
R Red	2 125V Neon	602A	B Black	
W White	3 250V Neon		W White	
	5 12Vdc LED (P Rocker)			
	6 24Vdc LED (P Rocker)			
	7 12V Filament			
	8 24Vdc Filament			

Examples



□ C1500A/C1500AL



□ C1500A/C0430AL



□ C1500X/C1500XL



□ C1520A/C1510AL



□ C1500A/C1520AL



□ C0430A/C0430AL

1550 Standard and 1350 High Inrush Switches

150A to EN61058-1 and 16A 250Vac



Key Features

- 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 Contact
- Splash resistant option
- Panel cut out 'A' style: 27.2 x 22.3mm

Approvals and specifications

1550 Series 16(4)A 250Vac T125 (Pending)

UL 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

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

Terminal	Function	Rocker	Body
C 6.3 x 0.8	Standard 1550 ON - OFF	0480 X terminal N/A	A Softline Matt Panel cut-out Bezel Cut-outs must be punched in the direction of insertion
1551 HP rating N/A	ON - OFF (momentary ON)	High Inrush 1350 Not W, X or B rocker	B Splash resistant Softline 22.3/22.4 Gloss or Matt 25.0
H 4.8 x 0.8*	1552 HP rating N/A	1353 Not W, X or B rocker	V Curved Matt or Gloss 30.0 Gloss only 30.1 Lit (not momentary)
1553 Not W, X or B rocker	ON - OFF Lit	High Inrush 1300 ON - OFF	B 22.1/22.2 Matt only R3.5 33.4 25.0
K 2.8 x 0.8*	1560 μ ON - ON		W Splash resistant Curved 30.0 30.1 22.1/22.2 32.0 25.0
1561 μ HP rating N/A	ON - ON (Momentary 1 Side)		P Lit window Matt Lit (not momentary)
1562 μ In house tests only	2 Circuit ON - ON		X Two colour Matt (ON OFF only - not momentary)
1570 μ 125V & 250V 1/2 HP H terminal rated T100 only H terminal rated T100 only	ON - OFF - ON		R Round 25.3/25.4 Matt only
1571 μ HP rating N/A H terminal rated T100 only	ON - OFF - ON (momentary 1 side)		F Flat Lens Gloss (0480) Top View
1572 μ HP rating N/A H terminal rated T100 only	ON - OFF - ON (momentary 2 sides)		T 22.3/22.4 Matt only R1.6 30.2 25.0
X PCB 0.8Sq*			A Softline lens Matt (0480 only) as F but with raised profile

Approvals and specifications (continued)

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

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

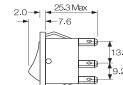
3mm contact gap except if marked μ .

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

Finish	Body Colour	Rocker Colour	Insert Colour	Lamp Voltage	Legend	Legend Colour	Options
M Matt	B Black	Un-Lit	B Black	—	—	—	Finish Matt is standard.
			R Red	R Red	—	—	Colour Call sales for custom colours. A full range is available for large orders.
G Gloss	W White	W White	W White	2 125V Neon	602A	B Black	Legend printing Select from the examples or call sales for custom legends.
Applies to both Rocker & Body		Lit	A Amber	3 250V Neon			Lamp voltage Call sales for details.
			G Green	5 12Vdc LED (P Rocker)			Blanking plates A0494 Dummy units to fill unused panel holes.
			C Clear	6 24Vdc LED (P Rocker)			Protective cover Screws on to A, L, Q or T bodies (add G after body in cat no). This reduces panel thickness by 1mm.
			R Red	7 12V Filament			
				8 24Vdc Filament			

Examples



 C1350AL ---



 C1550XL ---



 C1553PL ---



 C1553RA ---
Shown with M614 bezel cover

Panel sealing washer W42 is available for the above body sizes. This reduces panel thickness by a further 1.00mm.

Covers are not suitable for momentary types.

For all options call sales.



Optional snap-in M441 barrier



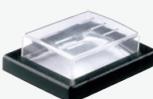
C1553AA with M616 guard Cut-out
22.0/22.1 x 29.4/29.5
Guard accepts "A" body only



 C0480RA ---
Shown with M614 bezel cover



 C0480AL ---



Panel sealing washer W42 is available for the above body sizes. This reduces panel thickness by a further 1.00mm.

Covers are not suitable for momentary types.

For all options call sales.

1550 Standard & 1350 High Inrush Switches

150A to EN61058-1 and 16A 250Vac 250Vac



Key Features

- 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 Contact
- Option with guard & cover
- DC LED Illumination Available for "P" Rocker
- Bezel size 'G' style 32.0 x 25.0

Approvals and specifications

1550 Series 16(4)A 250Vac T125 (Pending)

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

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

Terminal	Function	Rocker	Body	Finish	Body Colour	Rocker Colour
C 6.3 x 0.8	Standard 1550 HP rating N/A	 ON - OFF	A Softline Matt Panel cut-out Cut-outs must be punched in the direction of insertion	M Matt	B Black	Un-Lit B Black
H 4.8 x 0.8*	1552 HP rating N/A	 ON - OFF (momentary ON)	H Bezel 30.0 30.1 32.0 22.1/22.2 25.0 Matt only	G Gloss	W White	R Red W White
K 2.0 x 1.2	1560 μ Not W, X or B rocker	 ON - OFF Lit	V Curved Matt or Gloss Gloss only Lit (not momentary)	G Matt only		Lit A Amber
K 2.8 x 0.8*	1561 μ HP rating N/A	 ON - ON	 28.2 28.3 32.0 22.1/22.2 25.0 Matt only			G Green
T Ø2.1	1570 μ 125V & 250V 1/2 HP H terminal rated T100 only H terminal rated T100 only	 ON - OFF - ON	P Lit window Matt Lit (not momentary)			C Clear
U Ø2.1	1571 μ HP rating N/A H terminal rated T100 only	 ON - OFF - ON (momentary 1 side)				R Red
U 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	 ON - OFF				
X Ø2.1	1353 Not W, X or B rocker	 ON - OFF Lit				
PCB 0.8Sq*	High Inrush 1300	ON - OFF				

*Contact sales for details on 1350 series

Approvals and specifications cont..

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

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

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

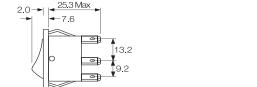
3mm contact gap except if marked μ

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 - Contacts 10.2 between centres

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

Examples



 C1553AH - - -



 C1550AH - - -

R13 Round Rocker Switches

10A 250Vac



Key Features

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

Approvals and specifications

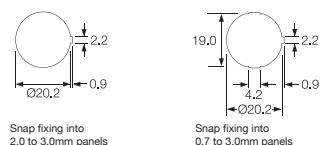
RoHS compliant

Single Contact has μ contact gap.

Special products

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

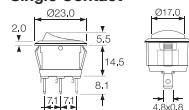
Dimensions



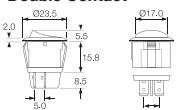
Snap fixing into 2.0 to 3.0mm panels

Snap fixing into 0.7 to 3.0mm panels

Single Contact



Double Contact



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

■ R13 112A AAA

■ R13 112A ---

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

Series

Type

Function

Body Colour

Rocker Colour

Insert Colour

Lamp Voltage

Legend

Legend Colour

Legend Colour

Product details



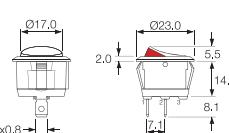
1 - 2
SP ON - OFF μ
Cat no.
R13 112A AAA



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



1 - 2
SP ON - OFF μ
Bright colour ON signal
Cat no.
R13 112A2 - -



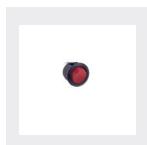
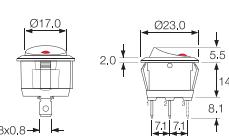
1 - 2
SP ON - OFF μ
Cat no.
R13 112A AAB



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



1 - 2 - 3
SP ON - OFF μ
Lit Window
Cat no.
R13 112B2 - -



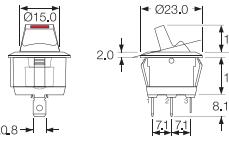
1 - 2 - 3
SP ON - OFF μ
Lit 230V
Cat no.
R13 112B NAA



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



1 - 2 - 3
SP ON - OFF μ
Paddle tip has red LED
Cat no.
R13 112LP - -



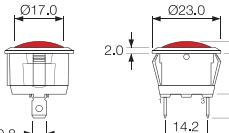
1 - 2 - 3
SP ON - OFF μ
Lit 230V
Cat no.
R13 112B NAB



SP ON - OFF μ
(Momentary ON)
Cat no.
R13 208F AAA*



1 - 2 - 3
Indicator light
Cat no.
R9 92B - - -



DP ON - OFF
Cat no.
R13 244A AAA



DP ON - OFF
Lit 230V
Cat no.
R13 244B NAA

Well known for their quality and reliability, **Bulgin's toggle switches** are **cost effective** solutions to many existing applications. These switches offer features at an attractive price point often well below that of the existing competition.

- Nylon and Metal switch variants
- Multiple Lever Options
- Ratings up to 20A, 250V ac - 277V ac
- IP67 panel seal versions, supplied complete with gaskets (3900 Series – All Variants)
- Single and double Contact
- Choice of circuit options including 3 position and momentary
- Mounting hole: 12.2mm diameter.
- Sealing accessories available
- Quick Connect, Solder, Screw and PCB Termination Options

