1500 Standard & 1300 High Inrush Switches

150A to EN61058-1 and 16A 250Vac

bulgin

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

Approvals and specifications
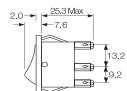
1500 Series 16(4)A 250Vac T125

UL CSA 16A Non Ind 250Vac, (2 posn) 250Vac 1hp, 125Vac 1/2hp, (3 posn) 250Vac 1/2hp, 125Vac 1/4hp
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	Body Colour	Rocker Colour
C 6.3 x 0.8 — 9.1	**Standard 1500** ON - OFF	**A** Softline Matt	**A** 27.2/27.3, 12.2/12.3, 30.2, 14.0 — Gloss or Matt	**M** Matt	**B** Black	Un-Lit
H 4.8 x 0.8* — 9.1	**1501** HP rating N/A ON - OFF (momentary ON)	**B** Splash resistant (with Arcshield) Matt	**B** 30.0/30.1, 11.0/11.1, R3.5, 33.4, 14.0 — Matt only	**G** Gloss — Applies to both Rocker & Body	**R** Red	**B** Black
K 2.0, 1.2, 9.1 — 2.8 x 0.8*	**1502** HP rating N/A ON - OFF (momentary OFF)	**H** Slotted (for custom Adaptors) not momentary	**L** 30.0/30.1, 11.0/11.1, R1.0, 32.0, 14.0 — Matt only		**W** White	**R** Red
T Ø2.1, 7.0 — Solder	**1510 μ** HP rating N/A ON - ON	**V** Curved Matt or gloss	**Q** 28.2/28.3, 11.5/11.6, R1.6, 30.2, 14.0 — Gloss or matt			**W** White
U Ø2.1, 3.2 — Right angle "T" solder terminal	**1511 μ** HP rating N/A ON - ON (momentary 1 side)	**W** Splash resistant (with Arcshield) Matt	**R** 28.5/28.6, 14.0/14.1, 31.5, 17.0 — Matt only			Lit
X Ø2.1, 3.2 — PCB 0.8Sq* *N/A for 1300 series	**1520 μ** 125V & 250V 1/2 HP H terminal rated T100 only ON - OFF - ON	**X** Two colour Matt ON - OFF only (not momentary)	**T** 28.2/28.3, 11.5/11.6, R1.6, 30.2, 14.0 — Matt only			**A** Amber
	1521 μ HP rating N/A H terminal rated T100 only ON - OFF - ON (momentary 1 side)	**F** Flat lens Gloss (0430 only)				**C** Clear
	1522 μ HP rating N/A H terminal rated T100 only ON - OFF - ON (momentary 2 sides)	**A** Softline lens Matt (0430 only) as F but with raised profile				**G** Green
	0430 HP rating N/A H terminal rated T100 only					**R** Red
	High Inrush 1300 ON - OFF					

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

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

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

BioCote antimicrobial additive. Independently verified to ISO22196:2007.

3mm contact gap except if marked µ.
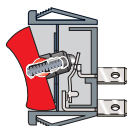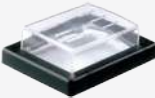
Dimensions

2.0
25.3 Max
7.6
13.2
9.2

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

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.
2 125V Neon	**R** Red	**602A**	**B** Black	**Colour** Call sales for custom colours. A full range is available for large orders.
3 250V Neon				**Legend printing** Select from the examples or call sales for custom legends.
7 12V Filament	**W** White		**W** White	**Lamp voltage** Call sales for details.
8 24Vdc Filament				**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.

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.

Examples

| C1500AR - - - T1500AR - - - | C1500AL - - - T1500AL - - - | C1500XL - - - T1500XL - - - | C1510AL - - - T1510AL - - - | C1520AL - - - T1520AL - - - | C0430AL - - - T0430AL - - - |

5500 Lit Rocker Series
10A 250Vac

bulgin

Key Features

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

Approvals and specifications

16(4)A 250Vac T85
10(3)A 250Vac T100, (12A 250Vac T125 for P rocker only)

UL CSA 15A 250Vac, CSA 16A Non Ind 250Vac
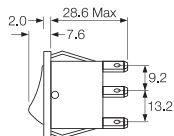UL CSA 250Vac 1hp, 125Vac 1/2hp
UL 85°C, file E45221, CSA file LR10990

μ contact gap.

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

Terminal	Function	Rocker	Body		Body Colour	Rocker Colour
C 6.3 x 0.8 9.1	Approvals & ratings vary with function ON OFF Switches - ON when pressed over terminal 3	**A** Softline (Matt only)	**A** Panel Cut - outs 27.2 27.3 12.2/12.3	Bezel 30.2 14.0	**B** Black	Un-Lit **B** Black
H 4.8 x 0.8 9.1	**5500 μ** ON - OFF Single pole	**P** Lit window (Matt only)	**B** 30.0 30.1 11.0/11.1	R3.5 33 14.0	**W** White	**R** Red **W** White
T Ø2.1 7.0 Solder	**5503 μ** ON - OFF Lit Switched neutral		**L** 30.0 30.1 11.0/11.1	R1.0 31.9 14.0		Lit **A** Amber
	5508 μ ON - OFF Lit Unswitched neutral		**Q** 28.2 28.3 11.5/11.6	R1.6 30.2 14.0		**C** Clear
			R 28.5 28.6 14.0/14.1	31.5 17.0		**G** Green
			T 28.2 28.3 11.5/11.6	R1.6 30.2 14.0		**R** Red

![bulgin logo]

Dimensions

Panel thickness

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

28.6 Max
2.0 — 7.6
9.2
13.2

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

Examples

☐ C5503AL - - -   ☐ C5500AL - - -   ☐ C5503PL - - -   ☐ C5503A/C5430AL   ☐ C5503A/C5503AL   ☐ C5503P/C5503PL

1500 Twin Units Switches and Indicators
16A 250Vac

bulgin

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

Approvals and Specifications

16(4)A 250Vac T125

UL CSA 16A 250Vac
UL CSA (2 posn) 250Vac 1hp, 125Vac 1/2hp, (3 posn) 250 Vac 1/2hp, 125Vac 1/4hp
UL 85°C, file E45221, CSA file LR10990

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

Terminal	Function	Rocker	Body	Finish	Body Colour	Rocker Colour
C 6.3 x 0.8, 9.1	Approvals & ratings vary with function ON OFF Switches - ON when pressed over terminal 1 or 4	**A** Softline (Matt only)	Panel Cut - outs / Bezel **A** 27.2/27.3, 22.3/22.4, 30.2, 25.0, Gloss or Matt	**M** Matt	**B** Black	Un-Lit
H 4.8 x 0.8, 9.1	**1500** ON - OFF	**B** Softline (Matt only)	**B** 30.0/30.1, 22.1/22.2, R3.5, 33.4, 25.0, Matt only	**G** Gloss	**W** White	**B** Black
T Ø2.1, Solder, 7.0	**1510 μ** ON - ON	**W** Softline (Matt only)	**L** 30.0/30.1, 22.1/22.2, R1.0, 32.0, 25.0, Matt only	Applies to both Rocker & Body		**R** Red
K 2.0, 1.2, 9.1	**1520 μ** ON - OFF - ON	**X** Softline (Matt only)	**Q** 28.2/28.3, 22.3/22.4, R1.6, 30.2, 25.0, Gloss or matt			**W** White
X 4.0, 9.1	**0430** Indicator	**A** Softline (Matt only)	**R** 28.4/28.5, 23.0/25.4, 33.2, 28.9, Matt only			Lit
			T 28.2/28.3, 22.3/22.4, R1.6, 30.2, 25.0, Matt only			**A** Amber
						C Clear
						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

2.0
7.6
25.3 Max
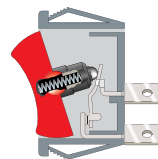13.2
9.2
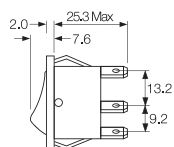
Call sales for terminal spacing details

Twin units

Two single switches or a switch and an indicator light can be assembled side by side in one double pole body.
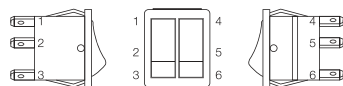
For twin units the first set of order format details refer to the left hand unit, when looking at the front of the assembly.
(This has terminal numbers 1, 2 & 3)

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

Examples

C1500A/C1500AL

C1500A/C0430AL

C1500X/C1500XL

C1520A/C1510AL

C1500A/C1520AL

C0430A/C0430AL