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

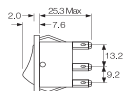## Approvals and specifications

- 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
C 9.1 / 6.3 x 0.8	**Standard 1500** ON - OFF	**A** Softline Matt	Panel cut-out / Bezel. Cut-outs must be punched in the direction of insertion. **A** 27.2/27.3, 12.2/12.3, 30.2, 14.0 Gloss or Matt	**M** Matt	**B** Black
H 9.1 / 4.8 x 0.8*	**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		**R** Red
K 2.0, 9.1, 1.2 / 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	**G** Gloss Applies to both Rocker & Body	**W** White
	1510 μ HP rating N/A ON - ON				
	1511 μ HP rating N/A ON - ON (momentary 1 side)	**V** Curved Matt or gloss			
	1520 μ 125V & 250V 1/2 HP H terminal rated T100 only ON - OFF - ON	**W** Splash resistant (with Arcshield) Matt	**Q** 28.2/28.3, 11.5/11.6, R1.6, 30.2, 14.0 Gloss or matt		
T 7.0 / Ø2.1 Solder	**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)	**X** Two colour Matt ON - OFF only (not momentary)	**R** 28.5/28.6, 14.0/14.1, 31.5, 17.0 Matt only		
U 3.5 / Ø2.1 Right angle "T" solder terminal	**0430** (Indicator) HP rating N/A H terminal rated T100 only	**F** Flat lens Gloss (0430 only)			
	1484 In-house tested to 10(3)A 250Vac 3 position selective		**T** 28.2/28.3, 11.5/11.6, R1.6, 30.2, 14.0 Matt only		
X 3.2 / Ø2.1 PCB 0.8Sq* *N/A for 1300 series	**1487** In-house tested to 10(3)A 250Vac 3 position selective	**A** Softline lens Matt (0430 only) as F but with raised profile			
	High 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

The 1500 & 1300 switch range are capable
of reaching in excess of 300K cycles

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.
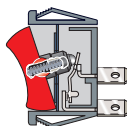
1300 High inrush, positive break switching
The 1300 series mechanism ensures contact welds formed at
switch-on are positively separated by the plunger tube acting directly
on the step in the moving contact.

Rocker Colour	Lamp Voltage	Insert Colour	Legend	Legend Colour	Options
Un-Lit	— Blank	— Blank	— Blank	— Blank	**Finish** Matt is standard.
B Black	**2** 125V Neon	**R** Red	**602A**	**B** Black	**Colour** Call sales for custom colours. A full range is available for large orders.
R Red	**3** 250V Neon				**Legend printing** Select from the examples or call sales for custom legends.
W White	**7** 12V Filament	**W** White		**W** White	**Lamp voltage** Call sales for details.
Lit	**8** 24Vdc Filament				**Blanking plates A0434 - -** Dummy units to fill unused panel holes.
A Amber					**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.
C Clear					
G Green					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.
R Red					For all options call sales.

Examples

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

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

16(4)A 250Vac T85/55
10(3)A 250Vac T100/55, (12A 250Vac T125/55 for P rocker only)

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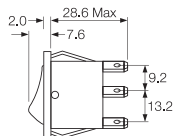UL CSA 250Vac 1hp, 125Vac 1/2hp
UL 85°C, file E45221, CSA file LR10990

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 Contact		**B** 30.0 30.1 11.0/11.1	R3.5 33 14.0	**W** White	**R** Red
T Ø2.1 7.0 Solder	**5503 μ** ON - OFF Lit Switched neutral	**P** Lit window (Matt only)	**L** 30.0 30.1 11.0/11.1	R1.0 31.9 14.0		**W** White
	5508 μ ON - OFF Lit Unswitched neutral		**Q** 28.2 28.3 11.5/11.6	R1.6 30.2 14.0		Lit **A** Amber
			R 28.5 28.6 14.0/14.1	31.5 17.0		**C** Clear
			T 28.2 28.3 11.5/11.6	R1.6 30.2 14.0		**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 → | ← 28.6 Max
← 7.6
9.2
13.2

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	**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			
7 12V Filament			Panel sealing washers W46 (Single Contact) and W42 (Double Contact) are available for these body types, this reduces panel thickness by 2mm.
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 Contact switches

○ Splash resistant option

○ Panel cut out 'A' style: 27.2 x 22.3mm
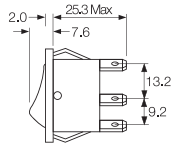
Approvals and Specifications

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 Matt only R3.5 33.4 25.0			**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 Matt only R1.0 32.0 25.0		**G** Gloss 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 Gloss or matt R1.6 30.2 25.0				**W** White
X 4.0 9.1	**0430** Indicator	**A** Softline (Matt only)	**R** 28.4/28.5 25.3/25.4 Matt only 33.2 28.9				Lit **A** Amber
			T 28.2/28.3 22.3/22.4 Matt only R1.6 30.2 25.0				**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 → 25.3 Max
7.6
13.2
9.2

Call sales for terminal spacing details

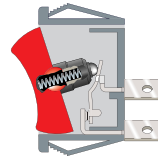### Twin units

Two single switches or a switch and an indicator light can be assembled side by side in one double Contact body.

1
2
3

1
2
3

4
5
6

4
5
6
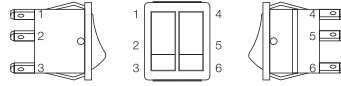
For twin units the first set of order format details refer to the left hand unit, when looking at the front of the assembly.
(This has terminal numbers 1, 2 & 3)

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. **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.
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

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