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

bulgin
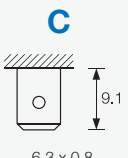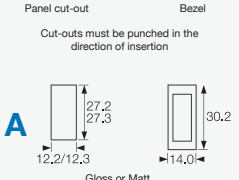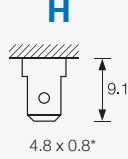a brand of Elektron Technology

Key Features
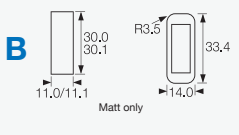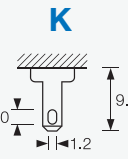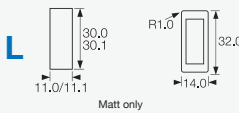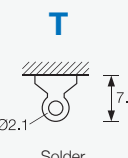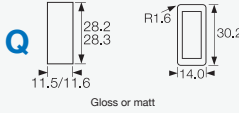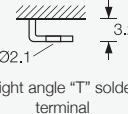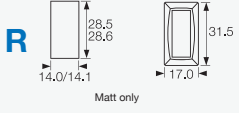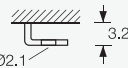
- ⬡ Standard rocker switch
- ⬡ Non-illuminated
- ⬡ 150A inrush
- ⬡ Choice of switching circuits including 3 position
- ⬡ Choice of bezel styles
- ⬡ Choice of panel cut outs
- ⬡ Matching indicator
- ⬡ Single pole
- ⬡ Splash resistant option
- ⬡ BioCote antimicrobial option
- ⬡ DC LED Illumination Avaliable 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

Terminal

C
9.1
6.3 x 0.8

H
9.1
4.8 x 0.8*

K
2.0 · 9.1 · 1.2
2.8 x 0.8*

T
7.0
Ø2.1
Solder

U
3.2
Ø2.1
Right angle "T" solder terminal

X
3.2
Ø2.1
PCB 0.8Sq*
*N/A for 1300 series

Function

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
HP rating N/A
H terminal rated T100 only

High Inrush 1300
ON - OFF

Rocker

A Softline Matt

B Splash resistant (with Arcshield) Matt

H Slotted (for custom Adaptors) not momentary

V Curved Matt or gloss

W Splash resistant (with Arcshield) Matt

X Two colour Matt ON - OFF only (not momentary)

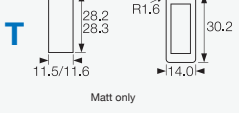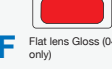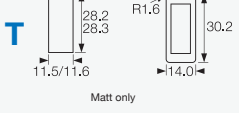**F** Flat lens Gloss (0430 only)

A Softline lens Matt (0430 only) as F but with raised profile

Body

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

B
30.0/30.1
11.0/11.1
R3.5
33.4
14.0
Matt only

L
30.0/30.1
11.0/11.1
R1.0
32.0
14.0
Matt only

Q
28.2/28.3
11.5/11.6
R1.6
30.2
14.0
Gloss or matt

R
28.5/28.6
14.0/14.1
31.5
17.0
Matt only

T
28.2/28.3
11.5/11.6
R1.6
30.2
14.0
Matt only

Finish

M Matt

G Gloss

Applies to both Rocker & Body

Body Colour

B Black

R Red

W White

Rocker Colour

Un-Lit

B Black

R Red

W White

Lit

A Amber

C Clear

G Green

R Red

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

25.3 Max
2.0
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.
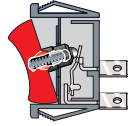
1300 High inrush, positive break switching
The 1300 series mechanism ensures contact welds formed at
switch-on are positively separated by the plunger tube acting directly
on the step in the moving contact.

Lamp Voltage	Insert Colour	Legend	Legend Colour	Options	Biocote
— Blank	— Blank	— Blank	— Blank	**Finish** Matt is standard. **Colour** Call sales for custom colours. A full range is available for large orders.	**B** BioCote
2 125V Neon	**R** Red	**602A**	**B** Black	**Legend printing** Select from the examples or call sales for custom legends.	
3 250V Neon				**Lamp voltage** Call sales for details.	
	W White		**W** White	**Blanking plates A0434 - -** Dummy units to fill unused panel holes.	
7 12V Filament				**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.

BioCote Antimicrobial Additive

Moulded components have
antimicrobial
properties using BioCote silver ion
technology.

For all options call sales.

Examples

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

1500 Twin Units Switches and Indicators
16A 250Vac

bulgin
a brand of Elektron Technology

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
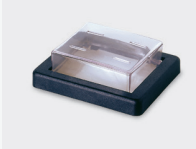- Panel cut out 'A' style: 27.2 x 22.3mm

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		**M** Matt	**B** Black	Un-Lit
H 4.8 x 0.8 — 9.1	**1500** ON - OFF	**B** Softline (Matt only)	**A** 27.2 27.3 / 22.3/22.4 Gloss or Matt / 30.2 25.0		**G** Gloss	**W** White	**B** Black
T Ø2.1 Solder — 7.0	**1510 μ** ON - ON	**W** Softline (Matt only)	**B** 30.0 30.1 / 22.1/22.2 Matt only / R3.5 33.4 25.0		Applies to both Rocker & Body		**R** Red
K 2.0 1.2 — 9.1	**1520 μ** ON - OFF - ON	**X** Softline (Matt only)	**L** 30.0 30.1 / 22.1/22.2 Matt only / R1.0 32.0 25.0				**W** White
X 4.0 — 9.1	**0430** Indicator	**A** Softline (Matt only)	**Q** 28.2 28.3 / 22.3/22.4 Gloss or matt / R1.6 30.2 25.0				Lit
			R 28.4 28.5 / 23.0/25.4 Matt only / 33.2 28.9				**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

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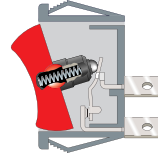7.6
13.2
9.2
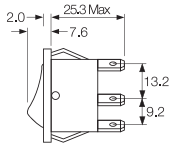
Call sales for terminal spacing details

Twin units

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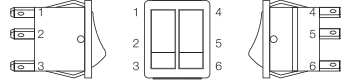
For twin units the first set of order format details refer to the left hand unit, when looking at the front of the assembly.
(This has terminal numbers 1, 2 & 3)

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	Biocote
— 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.	**B** Biocote
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