

1500 Standard & 1300 Hi Inrush Switches 150A to IEC65 and 16A 250Vac



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 UL 85°C, file E45221, CSA file LR10990

In house test

Inrush 36A to EN61058-1 & 20A 28Vdc



1300 series 16(6)A 250Vac T125 5E4 (50,000 Ops.) Ⓢ150A Inrush to IEC 65,

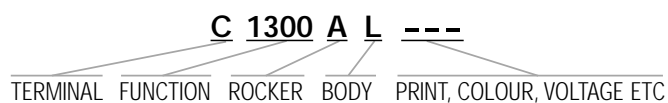


UL CSA 20A 250Vac 1hp, 125Vac 1/2hp UL 85°C, file E45221, CSA file LR10990

In house test

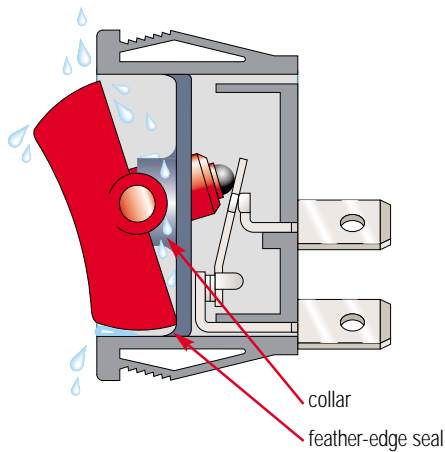
20A 28Vdc

3mm contact gap except if marked μ . Technical data on pages 4 & 5 (switches), 66 (indicators)



TERMINAL	FUNCTION	ROCKER																																				
<p>C</p> <p>6.3 x 0.8 9.1</p>	<p>Approvals & ratings vary with function On Off Switches - ON when pressed over terminal 1</p> <table border="1"> <tr> <td>Standard 1500 \blacklozenge</td> <td>Hi Inrush 1300 \blacklozenge <small>Approvals apply to C & T terminals only</small></td> <td>ON - OFF</td> <td></td> </tr> <tr> <td>1501 <small>HP rating N/A</small></td> <td></td> <td>ON - OFF (momentary ON)</td> <td></td> </tr> <tr> <td>1502 <small>HP rating N/A</small></td> <td></td> <td>ON - OFF (momentary OFF)</td> <td></td> </tr> <tr> <td>1510 \blacklozenge μ <small>HP rating N/A</small></td> <td></td> <td>ON - ON</td> <td></td> </tr> <tr> <td>1511 μ <small>HP rating N/A</small></td> <td></td> <td>ON - ON (momentary 1 side)</td> <td></td> </tr> <tr> <td>1520 \blacklozenge μ <small>125V & 250V 1/2HP H terminal rated T100 only</small></td> <td></td> <td>ON - OFF - ON</td> <td></td> </tr> <tr> <td>1521 μ <small>HP rating N/A H terminal rated T100 only</small></td> <td></td> <td>ON - OFF - ON (momentary 1 side)</td> <td></td> </tr> <tr> <td>1522 μ <small>HP rating N/A H terminal rated T100 only</small></td> <td></td> <td>ON - OFF - ON (momentary 2 sides)</td> <td></td> </tr> <tr> <td>0430 <small>X terminal N/A</small></td> <td></td> <td>Indicator Technical data on page 66</td> <td></td> </tr> </table>	Standard 1500 \blacklozenge	Hi Inrush 1300 \blacklozenge <small>Approvals apply to C & T terminals only</small>	ON - OFF		1501 <small>HP rating N/A</small>		ON - OFF (momentary ON)		1502 <small>HP rating N/A</small>		ON - OFF (momentary OFF)		1510 \blacklozenge μ <small>HP rating N/A</small>		ON - ON		1511 μ <small>HP rating N/A</small>		ON - ON (momentary 1 side)		1520 \blacklozenge μ <small>125V & 250V 1/2HP H terminal rated T100 only</small>		ON - OFF - ON		1521 μ <small>HP rating N/A H terminal rated T100 only</small>		ON - OFF - ON (momentary 1 side)		1522 μ <small>HP rating N/A H terminal rated T100 only</small>		ON - OFF - ON (momentary 2 sides)		0430 <small>X terminal N/A</small>		Indicator Technical data on page 66		<p>A Softline Matt</p> <p>B Splashproof (with Arcshield) Matt</p> <p>H Slotted (for custom Adaptors) not momentary</p> <p>V Curved Matt or gloss</p> <p>W Splashproof (with Arcshield) Matt</p> <p>X Two colour Matt ON - OFF only (not momentary)</p> <p>F Flat lens Gloss (0430 only)</p> <p>A Softline lens Matt (0430 only) as F but with raised profile</p>
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<p>H</p> <p>4.8 x 0.8* 9.1</p>																																						
<p>K</p> <p>2.8 x 0.8* 9.1 2.0 1.2</p>																																						
<p>T</p> <p>02.1 7.0 Solder</p>																																						
<p>U</p> <p>02.1 3.2 Right angle "T" solder terminal</p>																																						
<p>X</p> <p>4.0 9.1 PCB 0.8Sq* *N/A for 1300 series</p>																																						

Enhanced Splashproofing



1500 W and B splashproof options

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

B option has Hytrel collar/seals for enhanced protection.



C1500AR ---
T1500AR ---



C1500AL ---
T1500AL ---



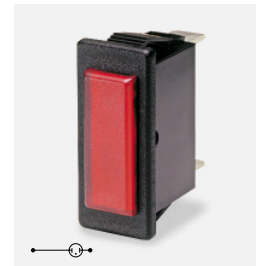
C1500XL ---
T1500XL ---



C1510AL ---
T1510AL ---

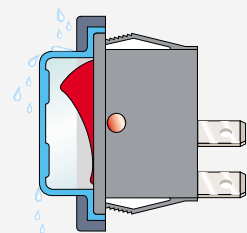


C1520AL ---
T1520AL ---

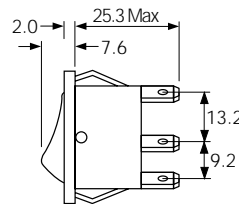


C0430AL ---
T0430AL ---

BODY	
Panel cut-out * Cut-outs must be punched in the direction of insertion	Flange
A 27.2 27.3 12.2/12.3 Gloss or Matt 30.2 14.0	
B 30.0 30.1 11.0/11.1 Matt only R3.5 33.4 14.0	
L 30.0 30.1 11.0/11.1 Matt only R1.0 32.0 14.0	
Q 28.2 28.3 11.5/11.6 Gloss or Matt R1.6 30.2 14.0	
R 28.5 28.6 14.0/14.1 Matt only 31.5 17.0	
T 28.2 28.3 11.5/11.6 Matt only R1.6 30.2 14.0	

OPTIONS
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 plates A0434 - - Dummy units to fill unused panel holes
Protective cover (designed to IP65) Snaps onto A, L, Q or T bodies (add G after body in cat no). This reduces panel thickness by 1mm.

Panel sealing washer W46 is available for the same body sizes but reduces panel thickness by a further 0.8mm. Covers are not suitable for momentary types.
Arcshield Hides switching arc
<i>For all options call the factory</i>

DIMENSIONS (mm)



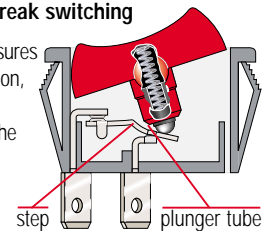
Panel thickness

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 the factory

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.



Examples of printing



EN602A



EN730



EN822