

**Ratings Information**



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



**UL CSA 20A\* 277Vac, 250Vac 1hp, 125Vac ½hp**  
**UL 100°C, file E45221, CSA file LR10900**

**Inrush 150A\* to EN61058-1 & 20A 28Vdc (In house test)**

\* \* applies to non biased types

3mm contact gap

**Examples**



C6050AL

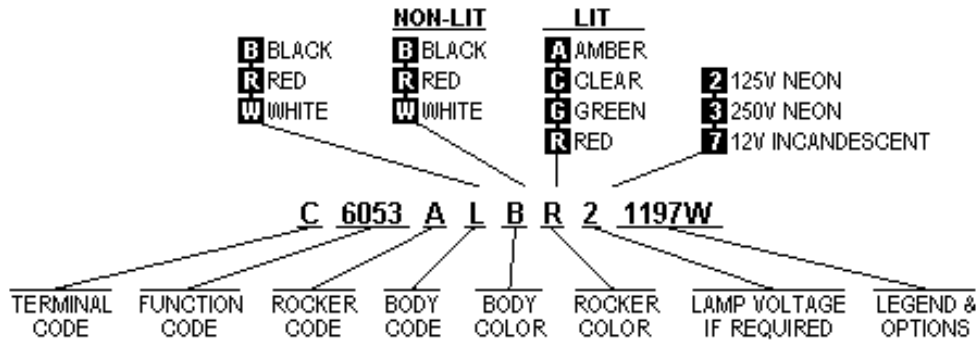


C6050AL

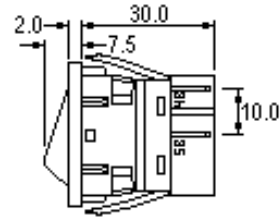


C6060AL

**Order Format**



## Dimensions

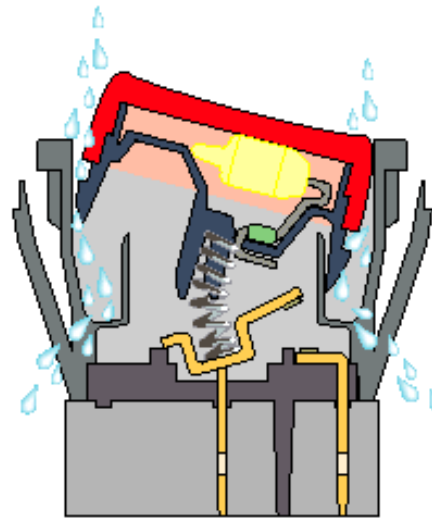


Terminal spacing  
10.5 between pole centers

**Panel thickness**  
0.75 to 3.0mm

## Splashproof to IP44

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



## Examples of Legend Printing ( ) is legend color B-Black, W-White, R-Red



1196(W)



1197(W)



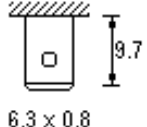
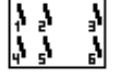

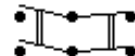
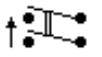
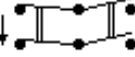

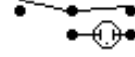



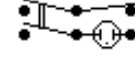


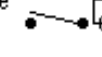
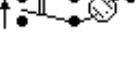



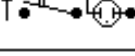



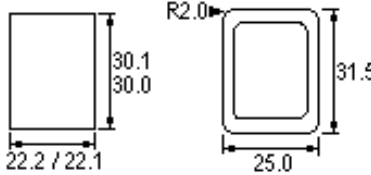
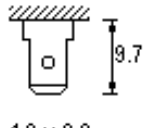
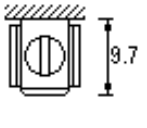
C6053AL



C6053AL



C6058AL

TERMINAL CODE	SWITCH FUNCTION CODE	ROCKER CODE	BODY CODE	OPTIONS
<b>C</b>  6.3 x 0.8	<p style="text-align: center;"><i>Approvals &amp; ratings vary with function</i>  <i>On Off Switches are ON when pressed over terminal 3</i></p>  <b>6050</b> ON - OFF  <b>6060</b> ON - ON  <b>6051</b> ON - OFF (momentary ON)  <b>6061</b> ON - ON (momentary 1 side)  <b>6052</b> ON - OFF (momentary OFF)  <b>6066</b> ON - ON Single pole Isolated light  <b>6053</b> ON - OFF Lit  <b>6067</b> ON - ON Lit  <b>6054</b> ON - OFF (momentary ON) Lit  <b>6068</b> ON - ON 1 pole ON - OFF Lit 1 pole  <b>6055</b> ON - OFF Single Pole (momentary ON) Lit  <b>6090</b> ON - OFF 1 pole ON - OFF Lit 1 pole  <b>6056</b> ON - OFF Single Pole Isolated light  <b>6091</b> ON - OFF (momentary ON) Lit  <b>6057</b> ON - OFF Isolated light  <b>6092</b> ON - OFF 1 pole ON - ON 1 pole Lit  <b>6058</b> ON - OFF Single pole Lit  <b>6094</b> (momentary ON) Isolated light  <b>6059</b> ON - OFF Single pole (momentary ON) Isolated light  <p style="text-align: center;">Circuits are Double pole unless described otherwise</p>	<b>A Softline</b>  Matt only   Lit Matt only	<div style="display: flex; justify-content: space-around;"> <div data-bbox="1400 359 1579 406">Panel cut-outs</div> <div data-bbox="1646 359 1758 406">Flanges</div> </div> <b>L</b>  Matt only	<b>Finish</b> Matt finish is standard.  <b>Color</b> Consult factory for custom colors. Full range available for large orders  <b>Legend printing</b> Select from the examples or call factory for custom legends.  <b>Lamp voltage</b> Consult factory for details of other available voltages.  <b>Alternative Circuits</b> Many alternative switching circuits including momentary options are available, but are too numerous to list here. Please contact the factory for details.  <b>Single pole options</b> Most switches shown can have single pole switching in double pole bodies.  <b>Moisture resistant covers (IP65)</b> The 6000 series is a water through design. Where a higher level of panel sealing is required, a snap on moisture resistant cover is available (add suffix G72). A panel sealing washer W42 is also available. Covers or washers reduce panel thickness range.
<b>H</b>  4.8 x 0.8				
<b>S</b>  Screw & Clamp				

# Technical Information

**Most major technical information is shown on the page covering the specific product, other details are grouped here for easy reference.**

*The details shown apply to all Switches and Fuseholders. For electrical products, Indicators or IEC sockets see the individual product page.*

## Materials

Body and actuator (opaque)

Actuator (transparent)

Current carrying parts

Contact points

## Most Products Expections

Nylon 6.6

Polycarbonate

Copper Alloy

Silver Plated

Silver Alloy

900 & 380 Vandal options are stainless steel

n/a for 55/56 & 2000, Gold plated for 1100

## Properties - Electrical

Electrical Life (operations)

Contact Resistance (switches) new condition

(m ohms)

Contact Resistance (fuseholders) new condition

(m ohms)

Insulation Resistance (M ohms)

Dielectric Strength: (kV)

across open contacts

between poles

between live parts and accessible metal

Comparative Tracking Index (CTI)

>10k, many >50k See relevant page for details

<100 (at 12Vdc, 1100, 2000 contact factory

1A)

5 (average)

>20

>1

>3

>4

>250

## Properties - Physical

Humidity Resistance at 91-95% relative humidity

(to subsequently comply with requirements of dielectric

strength test) (hrs)

Impact Resistance (Nm)

Storage term 5 year period (°C)

Flame Retardancy:

Standard

On Request

Solderability to BS 2011 pt.2.1T -

Angular movement  $\pm 4^\circ$  overall (where applicable)

48

>0.5

<125

UL94V2

UL94V0

6 secs at 350°C

38°

0.2 - 2.0

1.0Nm (8.91 lb/in)

Some discoloration of terminals may occur

Polycarbonate actuators - UL94V2 only

Not all colors or variants

1250, 6000, 8500, 8550, 8600, 8650, 8800 -  
26°

## General Information

### All switches

Insulation Class II.  
Heat and Fire resistance Category D.  
Ingress Protection without cover IP40.  
DC ratings are not approved.

### All products

Panel holes must be punched in direction unit is to be fitted

### Illuminated rockers and indicator lights

Transparent lenses on indicator lights and illuminated switches are moulded in polycarbonate, a material which is attacked by organic chemicals and animal or vegetable fats.  
Please contact the factory for advice on these products.

## Weights of our most frequently supplied products

Product	gms	Product	gms	Product	gms
0055,0056	5.7/6.8	1350	11.2	5567	14.3
0305	32.9	1500	5.7	6050	13.6
0333	4.5	1520	6.6	6053	14.2
0345	8.9	1550	11.2	7000	10.4
0380 sw only	7.12	1553	11.8	7050	12.3
0383K/P	25.0	1570	12.7	7053	12.9
0392	10.7	1584-1589	11.1	8250	4.9
0430	5.5	1700H	8.4	8300	4.0
0589	3.5	1750H	13.2	8350	5.0
0692	51.8	17500	25.6	8353	5.9
0711-1S	16.6	2000 2pos C SP	3.8	8500	3.8
0712-S	27.8	2000 2pos C DP	4.5	8550	4.8
0717-1S	22.4	2000 5pos A SP	6.3	8553	5.2
0900S/L	2.6/2.9	2000 5pos A DP	7.3	8600	3.5
1048	2.8	T2225B	5.0	8620	4.3
1100	2.0	2950	5.3	8650	6.3
1250SP	5.9	3111	11.8	8670	8.5
1250DP	7.0	5500	7.1	8800	2.9
1300	5.7	5503	7.8	9100	21.1