

Ratings Information



European

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



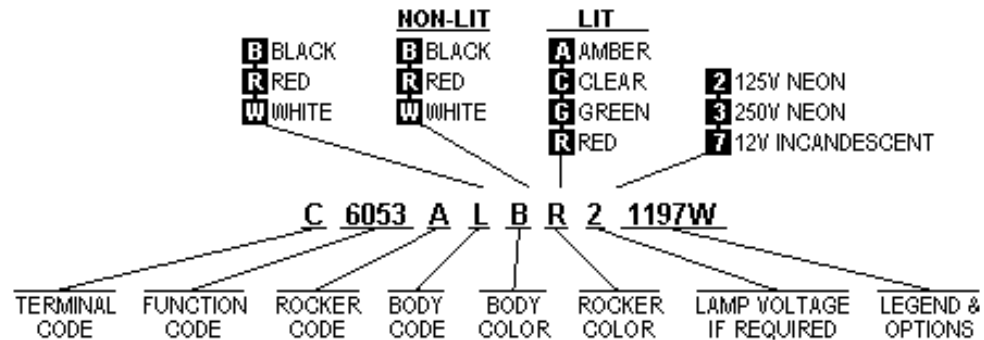
**UL CSA 20A* 277Vac, 250Vac 1hp, 125Vac ½hp
UL 100°C, file E45221, CSA file LR10900**

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

* * applies to non biased types

3mm contact gap

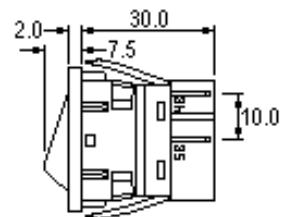
Order Format



Examples



Dimensions

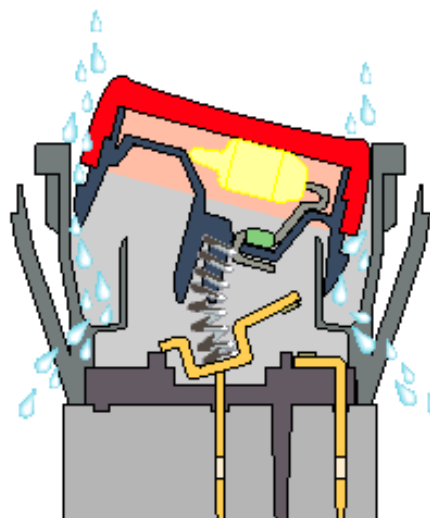


Terminal spacing
10.5 between pole centers

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



C6053AL



C6053AL



C6058AL



1196(W)



1197(W)

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)

Force to operate (Kg). For details contact Sales office

Fixing nut torque (where applicable)

48

> 0.5

< 125

Some discoloration of terminals may occur

UL94V2

UL94V0

6 secs at 350°C

38°

Polycarbonate actuators - UL94V2 only

Not all colors or variants

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

0.2 - 2.0

1.0Nm (8.91 lb/in)

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	1750O	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