Ratings Information
Examples
GT $_{15}$ European
16(4)A 250Vac T125, 10A 400Vac T125


UL CSA 20A* 277Vac, 250Vac 1hp, 125Vac $1 / 2 \mathrm{hp}$
UL $100^{\circ} \mathrm{C}$, file E45221, CSA file LR10900
Inrush 150A* to EN61058-1 \& 20A 28Vdc (In house test)

*     * applies to non biassed types

3 mm contact gap


Order Format


C6060AL


Teminal spacing 10.5 betnueen pole ceriters

Panel thickness
0.75 to 3.0 mm

## 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


| TERAIINAL CODE | SWITCH FUNCTION CODE |  | ROCKER CODE | BODY CODE |  | OPTIONS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| C | Approvals \& ratings vary with function On Off Switches are ON when pressed over terminal 3 |  | A Softline <br> Lit Matt only | Panel cut-outs | Flanges | Finish <br> Matt finish is standard. <br> Color <br> Consult factory for custom colors. <br> Full range available for large orders <br> Legend printing <br> Select from the examples or call factory for custom legends. <br> Lamp voltage <br> Consult factory for details of other available voltages. <br> Alternative Circuits <br> Many alternative switching circuits including momentary options are available, but are too numerous to list here. Please contact the factory for details. <br> Single pole options <br> Most switches shown can have single pole switching in double pole bodies. <br> Moisture resistant covers (IP65) <br> 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). <br> A panel sealing washer W42 is also available. Covers or washers reduce panel thickness range. |
|  | 6050 ON. OFF | $6060 \mathrm{~N} . \mathrm{ON}$ |  | L |  | Color <br> Consult factory for custom colors. Full range available for large orders <br> Legend printing <br> Select from the examples or call factory for custom legends. <br> Lamp voltage Consult factory for details of other available voltages. <br> Alternative Circuits <br> Many alternative switching circuits including momentary options are available, but are too numerous to list here. Please contact the factory for details. <br> Single pole options Most switches shown can have single pole switching in double pole bodies. <br> Moisture resistant covers (IP65) 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). <br> A panel sealing washer W42 is also available. Covers or washers reduce panel thickness range. |
|  | 6051 (momertary ONJ ${ }_{\text {O }}^{\text {ON }}$ OFF | $6061 \underset{\text { [momertary } 1 \text { side) }}{\mathrm{ON} . \mathrm{ON}}$ |  |  |  |  |
|  | 6052 ON . OFF (momertary OFF) | 6066 ON ON Single pole |  |  |  |  |
| s | $6053 \text { Lit } \mathrm{ONF}$ | $6067 \text { Lit }$ |  |  |  |  |
|  | ON - OFF <br> 6054 (momentary ON) Lit | $6068 \text { ON - ON } 1 \text { pole }$ |  |  |  |  |
|  | ON - OFF Single Pole 6055 (momentary ON) Lit | $\mathbf{6 0 9 0} \text { ON - OFF } 1 \text { pole }$ |  |  |  |  |
|  | 6056 ON . OFF Single Pole | ON-OFF <br> 6091 (momentary ON) Lit |  |  |  |  |
|  | 6057 | ON - OFF 1 pole <br> 6092 ON - ON 1 pole Lit |  |  |  |  |
|  | 6058 Lit - OFF Single pole | ON. OFF <br> 6094 (momentary ON) Isolated light |  |  |  |  |
| Screno \& Clamp | ON - OFF Single pole 6059 (momertary ON) Isolated light | Circuits are Double pole unless described othemwise |  |  |  |  |

## 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

## Properties - Electrical <br> Electrical Life (operations)

Contact Resistance (switches) new condition
(m ohms)
Contact Resistance (fuseholders) new condition
(m ohms)
nsulation Resistance (M ohms)
Dielectric Strength: (kV)
across open contacts
between poles
between live parts and accessible metal
Comparative Tracking Index (CTI)

## Properties - Physical

Humidity Resistance at 91-95\% relative humidity
(to subsequently comply with requirements of dielectric strength test)(hrs)
mpact Resistance (Nm)
Storage term 5 year period ( ${ }^{\circ} \mathrm{C}$ )
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)

## Most Products Expections

Nylon 6.6
Polycarbonate
Copper Alloy
Silver Plated
Silver Alloy
n/a for 55/56 \& 2000, Gold plated for 1100
$>10 k$, many $>50 k$ See relevant page for details $<100$ (at $12 \mathrm{Vdc}, \quad 1100,2000$ contact factory
1A)
5 (average)
$>20$
$>1$
$>3$
$>4$
$>250$

48
$<125$
UL94V2 Polycarbonate actuators - UL94V2 only
UL94V0
6 secs at $350^{\circ} \mathrm{C}$
$38^{\circ}$

Not all colors or variants
$1250,6000,8500,8550,8600,8650,8800-$ $26^{\circ}$
0.2-2.0
$1.0 \mathrm{Nm}(8.91 \mathrm{lb} / \mathrm{in})$

## General Information

## All switches

Insultation 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

## I lluminated 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 | 1700 H | 8.4 | 8300 | 4.0 |
| 0589 | 3.5 | 1750 H | 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 | 20005 pos A SP | 6.3 | 8553 | 5.2 |
| 0900S/L | 2.6/2.9 | 20005 pos 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 |

