

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

Nylon 6.6
Polycarbonate
Copper Alloy
Silver Plated
Silver Alloy

Expectations

0916 & 0911 Vandal options are stainless steel
n/a for 0055 & 2000, Gold plated for 1100

Properties - Electrical

Class II compliant
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)

Confirmed
>10k, many >50k
<100 (at 12Vdc, 1A)
5 (average)
>20
>1
>3
>4
>250

IEC Sockets
See relevant page for details
1100, 2000 contact factory

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°
0.2 - 2.0
1.0Nm (8.91 lb/in)

Polycarbonate actuators - UL94V2 only
Not all colors or variants
1250, 6000, 8500, 8550, 8600, 8650, 8800 - 26°

General Information

All switches

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

Lit rockers and indicators

Transparent lenses on indicator lights and lit 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	13.58
0333	3.4	1520	6.6	6053	14.15
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
0430	5.5	1584-1589	11.1	8250	4.9
0589	3.5	1700H	8.4	8300	4.0
0711-1S	16.6	1750H	13.2	8350	5.0
0712-S	27.8	1750O	25.6	8353	5.9
0900S/L	2.6/2.9	2000 2pos C SP	3.8	8500	3.8
1048	2.8	2000 2pos C DP	4.5	8550	4.8
0171-1S	22.4	2000 5pos A SP	6.3	8553	5.2
1091FH	11.4	2000 5pos A DP	7.3	8600	3.5
1091FL	53.6	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