



Specifications:

Current Rating : 3 A, 250 V

Surge Protection Data

Voltage : 220 V to 240 V
Maximum Operating Voltage : 300 V ac (rms)
Mains Three Way Protection : LN LE NE
Peak Current : 4.5 kA
Maximum Energy : 3 × 125 J
Maximum Clamping Voltage : 775 V
Response Time : <50 ns

Standard

BS 1363/A; BS5733/A

Conditions for Use

An ambient temperature in the range -5°C to +40°C, the average value over 24 hours not exceeding 25°C

A situation not subject to exposure to direct radiation from the sun or other source of heat like to raise temperatures above the limits specified in a

An altitude not exceeding 2,000 m above sea level

An atmosphere no subject to abnormal pollution by smoke, chemical fumes, rain, spray, prolonged periods of high humidity or other abnormal conditions

Item	Conditions	Requirements
Appearance	-	No defect such as cracks, deep scratches or blemishes
Marking	-	Shall be legible and must be clear
Insulation resistance	500 + 250 V dc 1 minute	Shall not be less than 5 MΩ
Dielectric strength	2,000 ±60 V 1 minute	No damage or breakdown
Resistance to aging	70° ±5° 168 hours	No cracks or become sticky
Construction	20° ±5°	Complied with figure 11, 12, 14, 16 gauge
Torque test	Value of 0.6 Nm (6.1 kgf / cm)	Terminal, cord grip and cover screws shall withstand the torque applied

Item	Conditions	Requirements
Glow wire test	650° / 750° electrically heated	Flame must extinguish within 30 seconds
Temperature rise	14 A, 250 V	Temperature rise must not exceed: 1. Terminals or terminations : 52 K 2. Accessible surface : 52 K
Make and break test of switch	13 A, 250 V, 15,000 times	Voltage drop across each switched pole shall not exceed 75 mV
Drop test	Fit with 3G1.25 mm ² cable, 2.25 m and drop at a height of 0.4 m above the floor	No external damage which might affect safety and no components shall have become detached
Live parts accessibility	Subjected to 1 mm test probe with applied force of 5 N when they are mounted and wired as in normal use	Live parts of socket shall not be accessible

Construction

Item	Description	Material
1	Socket base and cover	FRPP
2	Conductors (bus bar)	Brass
3	Cover screw	Mild steel nickel plated
4	Switch	Nylon house with brass terminals
5	Shutter	Nylon (PA)
6	Spring	Mild steel
7	Surge component	Metal oxide varistor + thermal fuse + neon indicator (if applicable)
8	Plug	13 A BS 1363 plug
9	Cable	PVC, BS6500 3 × 1.25 mm ²

Part Number Table

Description	Part Number
Extension Lead, 4 Gang, INDIV-SW, 2 m	2804S
Extension Lead, 6 Gang, INDIV-SW, 2 m	2806S
Extension Lead, 8 Gang, INDIV-SW, 2 m	2808S

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