



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 |

Extension Leads

| 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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