

3 Way Surge Protection Leads

PRO-ELEC



CPC-PL10343



CPC-PL10344



CPC-PL10345

Specifications:

Current rating : 13A, 250V.

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 temperature above the limits specified above.

An altitude not exceeding 2,000 meters above sea level.

An atmosphere not subjected to abnormal pollution by smoke, chemical fumes, rain, spray, prolonged periods of high humidity or other abnormal conditions.

PRO-ELEC

3 Way Surge Protection Leads



Safety Specifications

| Item | Conditions | Requirements |
|--------------------------|---|--|
| Appearance | | No defect such as cracks, deep scratches or blemishes |
| Marking | | Shall be legible and must be clear |
| Insulation resistance | 500 + 250V dc 1 minute | Shall not be less than 5MΩ |
| Dielectric strength | 250 ±60V 1 minute | No damage or breakdown |
| Resistance to aging | 70° ±5° 168 hours | No cracks or become sticky |
| Construction | 20° ±5° | Compiled with figure 11, 12, 14, 16 gauge |
| Glow wire test | 650°/750° electrically heated | Flame must extinguish within 30 seconds |
| Temperature rise | 14A 250V | Temperature rise must not exceed: 1. Terminals or terminations : 52K 2. Accessible surface : 52K |
| Drop test | Use a plug with 0.15m cable and drop at a height of 0.4m above the floor. | No external damage which might affect safety and no components shall have become detached |
| Live parts accessibility | Subjected to 1.0mm test probe with applied force of 5N when they are mounted and wired as in normal use | Live parts of socket shall not be accessible |

Construction

| Item | Description | Material |
|------|------------------------------|-------------------------------|
| 1 | 13 ABS 1363 plug | ABS |
| 2 | Plug pins | Brass |
| 3 | Protector cover and base | Nylon (PA) |
| 4 | Cable sheath | PVC |
| 5 | Cable conductor | Copper wire |
| 6 | Connector sheath | PVC |
| 7 | Connector insert | ABS, PBT |
| 8 | Plug and connector terminals | Copper sheet |
| 9 | Inside surge protector | High voltage protector device |

Part Number Table

| Description | Part Number |
|------------------------------------|-----------------|
| Power Lead, Surge Port, 3XIEC | E Junction |
| Power Lead, Surge Port, 2XIEC+FIG8 | E Junction FIG8 |
| Power Lead, Surge Port, 2XIEC+C5 | E Junction C5 |

Disclaimer This data sheet and its contents (the "Information") belong to the Premier Farnell Group (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Pro-Elec is the registered trademark of the Group. © Premier Farnell plc 2009.