3 Way Surge Protection Leads

pro-ELEC

CPC-PL10343

CPC-PL10344

CPC-PL10345

Specifications:

Current Rating : 13 A, 250 V

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

Safety Specification Table

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	250 ±60 V 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	14 A 250 V	Temperature rise must not exceed: 1. Terminals or terminations : 52 K 2. Accessible surface : 52 K
Drop test	Use a plug with 0.15 m cable 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

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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 Prot, 3XIEC	E Junction
Power Lead, Surge Prot, 2XIEC + FIG8	E Junction FIG8
Power Lead, Surge Prot, 2XIEC + C5	E Junction C5