

10 Gang Switched Extension Tower With Surge

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Features:

- 10 gang tower surge protected 13A non-rewireable extension socket with surge protected neon.
- Main switch with power neon with 2M cable.

Specifications:

Current rating : 13A, 250V ac.

Surge Protection Data:

Voltage : 220 to 240V.
Maximum operating voltage : 300V rms.
Mains three way protection : LN LE NE.
Peak current : 4.5kA.
Maximum energy : 3 x 125J.
Maximum clamping voltage : 775 volts.
Response time : <50ns.

Approval:

Mov : VDE approved (varistor).
Plug : BSI kitemark licence KM54406.

Standard:

BS 1363/A, BS 5733.

Conditions for Use:

An ambient temperature in the range -5°C to $+40^{\circ}\text{C}$, 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.

An altitude not exceeding 2000 metres 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.

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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
Torque test	Value of 0.6Nm (6.1 kgf/cm)	Terminal, cord grip and cover screws shall withstand the torque applied
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	Fit with 3G1.25mm ² cable, 2.25m 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	Socket cover, base, stand cover	ABS
2	Internal frame, stand	FRPP
3	Socket terminals (bus bar)	Brass
4	Cover screw	Mild steel nickel plated
5	Shutter	Nylon (PA)
6	Spring	Mild steel
7	Neon lamp with 220kΩ resistor	Green light
8	Neon lamp cover	Polycarbonate (PC)
9	Surge component	Metal oxide varistor + thermal fuse + neon indicator
10	Switch	Nylon (PA)+polycarbonate (PC)
11	Plug	13A BS 1363 plug
12	Cable	PVC, BS6500 3 x 1.25mm ²

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Part Number Table

Description	Part Number
Extension Lead, 10 Gang, Tower, 2M	2710USB

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