

8 Way Surge Protected Distribution Unit

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Features:

- 8 Gang surge protected 13A non-rewireable extension socket with surge protected neon and power neon.
- Built in high speed USB 2.0 hubs, surge protected modem and LAN socket with 2M cable.

Specification:

Current rating : 13A, 250V ac.

Construction:

Description	Material
Socket base and cover	FRPP.
Socket terminals (bus bar)	Brass.
Cover screw	Mild steel nickel plated.
Shutter	Nylon (PA).
Spring	Mild steel.
Neon lamp with 220k Ω resistor	Orange light and green light.
Neon lamp cover	Polycarbonate (PC).
Surge component	Metal oxide varistor + thermal fuse + neon indicator.
USB hubs PCB	1 input 3 output USB 2.0 Hubs.
Modem, LAN socket PCB	1 in 1 out modem/broadband socket + 1 in 1 out LAN/Ethernet socket.
Plug	13A BS 1363 plug.
Cable	PVC, BS6500 3 x 1.25mm ² 2 metre.
USB fly lead	MA plug to MA plug 1.5 metre.
Modem fly lead	RJ11 plug to RJ11 plug 2.0 metre.
LAN fly lead	RJ45 plug to RJ45 plug 2.0 metre.

Approval:

Mov : VDE approved (varistor).

Plug : BSI kite mark licence KM54406.

Standard:

BS 1363/A, BS 5733/A.

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Surge Protection Data:

Voltage	: 220 to 240V.
Maximum operating voltage	: 300V ac (rms).
Mains three way protection	: LN LE NE.
Maximum surge current	: 13,500A.
Maximum energy	: 375J.
Maximum clamping voltage	: 775 volts.
Response time	: <10ns.
With thermal fuse.	
With surge neon indicator.	
With power neon indicator.	

Protects all sensitive electronic equipment such as Hi-Fi's, computers, videos, and televisions against damaging power surge and spikes.

Modem/Broadband surge protection.
4 lines wire connection with 2 lines protection.
Provided with 2M fly lead RJ11 plug to RJ11 plug.

LAN/Ethernet surge protection.
Maximum surge energy : 500J.
Maximum surge current : 10,000A.
8 lines wire connection with 4 lines protection.
Provided with 2M fly lead RJ45 plug to RJ45 plug.

Includes modem/broadband and LAN/Ethernet surge protection. Ideal for home entertainment systems, and computers that are linked to the internet.

High speed USB 2.0 hub.
One input and three output.
Provided with 1.5M fly lead MA plug to MA plug.
Ideal for multiple connectivity of peripherals such as USB keyboards, mics, scanners and printers or can work as a USB charger to charge mobile, MP3 or iPod.

Conditions of 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.
- 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 for 1 minute.	Shall not be less than 5MΩ.
Dielectric strength	250 ±60V for 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 and 16 gauge.
Torque test	Value of 0.6Nm (6.1kgf/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.

Part Number Table

Description	Part Number
Extension Lead, 8 Gang, 3 USB, 2M	2608UML

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Notes:

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