

TECHNICAL DATA SHEET

PRO-ELEC

PEL00112-PEL00127

**RoHS
Compliant**

1. PRODUCTS:

- 6 Gang Surge Protected 13A non-rewireable extension socket with 2 USB Charger

(PEL00112 - PEL00119)

- 6 Gang 13A non-rewireable extension socket with 2 USB Charger **(PEL00120 - PEL00127)**

2. CURRENT RATING:

13A 250V AC

3. CONSTRUCTION:

ITEM	DESCRIPTION	MATERIAL
1	Socket base and cover	FRPP
2	Socket Terminals (Bus bar)	Brass
3	Cover Screw	Mild steel nickel plated
4	Shutter	Nylon (PA)
5	Spring	Mild steel
6	Neon lamp with 220kΩ resistor	Orange light
7	Neon lamp cover	Polycarbonate (PC)
8	Surge component	Metal Oxide Varistor
9	Plug	13A BS 1363 plug
10	Cable	PVC, BSEN50525 3 x 1.25mm ²

4. USB Rating:

Input: 250V~, 50/60Hz, 150mA

Output: 5Vdc, Max 2400mA (Share)

5. STANDARD:

BS 5733

6. SURGE PROTECTION DATA (PEL00112 - PEL00119 only)

Voltage : 220V - 240V

Operating Voltage (Vac rms) : 300V Max.

Mains Three Way Protection : LN LE NE

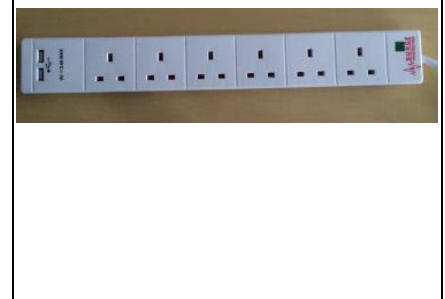
Peak Current (A) Max. : 4.5kA

Energy (Joules) : 3 x 125J

Max. Clamping Voltage : 775Volts

Response Time (nS) : <50ns

7. PRODUCT PHOTO



PRO-ELEC

TECHNICAL DATA SHEET

PRO-ELEC

8 CONDITIONS OF USE

- a) An ambient temperature in the range -5°C to $+40^{\circ}\text{C}$, the average value over 24 hours not exceeding 25°C .
- b) A situation not subject to exposure to direct radiation from the sun or other source of heat likely to raise temperatures above the limits specified in a);
- c) An altitude not exceeding 2000 metres above sea level;
- d) An atmosphere not subject to abnormal pollution by smoke, chemical fumes, rain, spray, prolonged periods of high humidity or other abnormal conditions.

9 SAFETY SPECIFICATIONS

NO.	ITEM	CONDITIONS	REQUIREMENTS
1	Appearance		No defect such as cracks, deep scratches or blemishes
2	Marking		Shall be legible and must be clear
3	Insulation Resistance	500 + 250 V d.c. 1 min	Shall not be less than 5 M Ω
4	Dielectric strength	250 +/- 60 V 1 min	No damage or breakdown
5	Resistance to aging	70° +/- 5° 168 hrs	No cracks or become sticky
6	Construction	20° +/- 5°	Complied with Figure 11,12,14, 16 gauge
7.	Torque test	Value of 0.6N.m. (6.1 kgf/cm)	Terminal, cord grip and cover screws shall withstand the torque applied
8	Glow Wire Test	650°/750° electrically heated	Flame must extinguish within 30 seconds.
9	Temperature rise	14 A 250 V	Temperature rise must not exceed: 1. Terminals or terminations : 52K 2. Accessible surface: 52K
10	Drop Test	Fit with 3G1.25mm ² cable, 2.25 m 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.
11	Live parts accessibility	subjected to 1.0 mm 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.

Important Notice : This data sheet and its contents (the "Information") belong to pro-ELEC. 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 pro-ELEC 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 pro-ELEC was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict pro-ELEC's liability for death or personal injury resulting from its negligence.

PRO-ELEC