

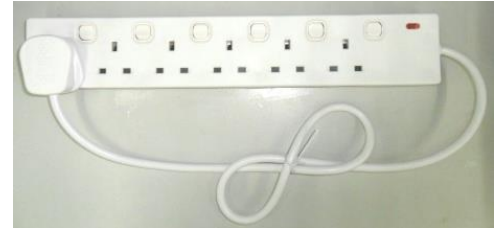
# TECHNICAL DATA SHEET

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Models: PL12945-952

**RoHS  
Compliant**

1. **PRODUCT:**  
6 Gang 13A Individual Switched extension socket
2. **CURRENT RATING:**  
13A 250 V ~
3. **CONSTRUCTION:**



ITEM	DESCRIPTION	MATERIAL
1	Socket base and cover	FRPP
2	Conductors (bus bar)	Brass
3	Cover Screw	Mild steel nickel plated
4	Switch	PC House with Brass terminals
5	Shutter	Nylon (PA)
6	Spring	Mild steel
7	Neon lamp with 220kΩ resistor	Red light
8	Neon lamp cover	Polycarbonate (PC)
9	Switch Rocker	Polycarbonate (PC)
10	Plug	13A BS 1363 plug
11	Cable	PVC, A05VV-F 3X1.25mm <sup>2</sup>

4. **STANDARD:**  
BS 1363-2:1995
- 6 **CONDITIONS OF USE**
  - a) an ambient temperature in the range -5°C to +40°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 sources 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.

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## 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 MΩ
4	Dielectric strength	2000 +/- 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	Make and break test of switch	13A 250V 15000times	Voltage drop across each switched pole shall not exceed 75mV.
11	Drop Test	Fit with 3G1.25mm <sup>2</sup> 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.
12	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.

## 7. TEST REPORT/CERTIFICATE

Socket: test report HK12100192-1 issued by Intertek Testing Services

Plug: KM54406 issued by BSI

Cable: test report HK12051298-1 issued by Intertek Testing Services

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