

PRO-ELEC

1. PRODUCT:

1 Gang 13A IP54 Extension Sockets with A05VV-F 3x1.25 Cable

2. CURRENT RATING:

13A 250 V a.c.

3. CONSTRUCTION:

ITEM	DESCRIPTION	MATERIAL
1	Socket base and cover	PC
2	Socket Terminals (Bus bar)	Brass
3	Cover Screw	Mild steel nickel plated
4	Shutter	Nylon (PA)
5	Spring	Mild steel
6	Plug	13A BS 1363 plug
7	Cable	PVC, A05VV-F 3X1.25mm ²

4. STANDARD:

Socket: BS 1363-2

Plug: BS1363-1

Flexible cable: BS EN 50525-2-11

6. PRODUCT PHOTO

7. 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 like to raise temperatures above the limits specified in a);
- c) an altitude not exceeding 2000 metres above sea level;
- d) an atmosphere no subject to abnormal pollution by smoke, chemical fumes, rain, spray, prolonged periods of high humidity or other abnormal conditions.

8. 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	2000 +/- 60 V 1 min	No damage or breakdown
5	Resistance to aging	70 $^{\circ}$ +/- 5 $^{\circ}$ 168 hrs	No cracks or become sticky
6	Construction	20 $^{\circ}$ +/- 5 $^{\circ}$	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 $^{\circ}$ /750 $^{\circ}$ electrically heated	Flame must extinguish within 30 seconds.
9	Drop Test	Overturned 10 times in their normal position against a concrete floor in the most unfavourable direction but not more than three times in the same direction	No external damage which might affect safety or impair the further use and no components shall have become detached.
10	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.

9. TEST REPORT/CERTIFICATE

Socket: 170401495SHA-001 issued by Intertek

Plug: KM54406 issued by BSI

Cable: HK12051298-1(R1) issued by Intertek