# **UK Mains Plugs**





### Features:

• 13A non-rewireable plug.

## **Specifications:**

Current rating : 13A, 250V ac. Fuse rating : 3, 5, 10 and 13A.

## Approval:

Plug : BSI kitemark licence KM54406. Fuse : BSI kitemark licence KM21062.

### Standard:

BS 1363/A.

### **Conditions for 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 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.

## **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 $5M\Omega$
Dielectric strength	2000 ±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 5 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.



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# **Safety Specifications**

Item	Conditions	Requirements
Temperature rise	14A, 250V	Temperature rise must not exceed: 1. Terminals or terminations : 52K 2. Accessible surface : 52K
Drop test	Fit with 3G1.25mm <sup>2</sup> cable, 150mm and put in tumbling barrel for 5000 drops.	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	Plug base and cover	FRPP
2	L/N/E pin	Brass
3	Fuse clips	
4	Cord grip	Nylon (PA)
5	Screw	Steel
6	Wiring instruction card	Paper
7	Fuse	3, 5, 10 and 13A compiled with BS1362

## **Part Number Table**

Description	Part Number
Plug, 3A, White	9518 3A White
Plug, 5A, White	9518 5A White
Plug, 13A, White	9518 13A White
Plug, 3A, Black	9518 3A Black
Plug, 5A, Black	9518 5A Black
Plug, 13A, Black	9518 13A Black

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