

Mains Power 13A Fused Plug with 5A Fuse multicomp^{PRO}

RoHS
Compliant



Features

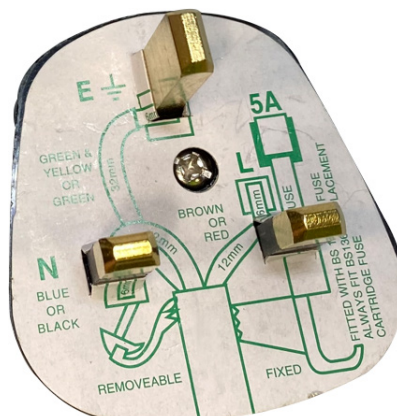
- 13A Rated 3-pin UK mains plugs manufactured from nylon and urea
- The plugs have a quickfit type cord grip
- Standard: BS 1363-1

Specifications

Connector Type	: UK Mains Plug
Current Rating	: 13A 250 V
Connector Colour	: Black
Connector Body Material	: Nylon (Polyamide) Body

Construction

Item	Description	Material
1	Plug cover	PA
2	Plug base	PA
3	L/N/E pin	Brass
4	Fuse clips	Brass
5	Cord grip	Nylon (PA)
6	Screw	steel
7	Wiring instruction card	paper
8	Fuse	5A, complied with BS1362



Newark.com/multicomp-pro
Farnell.com/multicomp-pro
sg.element14.com/b/multicomp-pro

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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 5 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, 150mm and put in tumbling barrel for 5000 drops.	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.

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 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.

Part Number Table

Description	Part Number
Power Entry Connector, UK Mains Plug, 13A/240V, Black	9248 BLK 5A

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