

TECHNICAL DATA SHEET

RoHS
Compliant

3-GANG CUBE MAINS EXTENSION LEADS WITH USB

MODELS: PELB1478-
PELB1483



PRODUCT

3-gang cube extension leads with mains switch and 3x USB-A ports.

Model	Colour	Lead Length
PELB1478	White	500mm
PELB1479	Black	500mm
PELB1480	White	1m
PELB1481	Black	1m
PELB1482	White	2m
PELB1483	Black	2m

CURRENT RATING:

13A, 250V AC

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CONSTRUCTION:

Description	Material
Socket base and cover	PC
Socket terminals	Brass
Cover screw	Mild steel, nickel-plated
Shutter	Nylon (PA)
Spring	Mild steel
Switch	Polycarbonate (PC)
USB ports	5V DC, 3.4A
Cable	PVC, 3x 1.25mm ²
Plug	230V, 16A

APPROVAL:

Socket: Test report SHES240801671601 issued by SGS
Plug: SEMKO certificate SE-S-2002528 issued by Intertek
Cable: 40006717 issued by VDE

USB RATING

USB input: 110-240V, 50/60Hz, 900mA
USB outputs: 5V DC, max. 3.4A (shared)

STANDARD

BS 1363-2:2016

CONDITIONS OF USE:

- A) 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)

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C) An altitude not exceeding 2km 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

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 + 250 V DC, 1 min.	Shall not be less than 5MΩ
Dielectric strength	250 +/- 60V, 1 min.	No damage or breakdown
Resistance to aging	70° +/- 5°, 168 hours	No cracks or become sticky
Construction	20° +/- 5°	Complied with Figure 11, 12, 14, 16 gauge
Torque test	Value of 0.6Nm (6.1kgf/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
Temperature rise	14A, 250 V	Temperature rise must not exceed: 1. Terminals or terminations: 52K 2. Accessible surface: 52K
Drop Test	Fit with 3G 1.25mm ² cable, 2.25m 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
Live parts accessibility	Subjected to 1mm 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

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TEST REPORT/CERTIFICATE

Socket: 190401991SHA-001 issued by Intertek Testing Services
Plug: KM54406 issued by BSI
Cable: 17080307HKG-001 issued by Intertek

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