

TECHNICAL DATA SHEET

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RoHS
Compliant

4-GANG MAIN CABLE REELS WITH RCD

MODELS: PELB1111,
S2250-4-50M13A-RCD



Product:

4-Gang, open drum, mains cable reel with thermal cut-out RCD
Cable lengths: 25m (PELB1111), 50m (S2250-4-50M13A)

Current Rating:

240V AC, 13A
Maximum - fully wound: 1,200W
Maximum - fully unwound: 3,120W
Thermal cut-out working temp.: $56\pm 5^{\circ}\text{C}$ (press button to reset)

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RCD Rating:

Power supply	250V~50Hz
Rated current	13A
Rated output	3,200W
Trip leakage current	30mA
Trip time	<30ms
Type of protection	IP30

Construction:

Description	Material
Socket base and cover	FRPP, black
Socket terminals (bus bar)	Brass
Cable reel case	PP, blue reel
Thermal cut-out	56 ±5°C
Metal stand	Steel, black
Screw cover	Nickel-plated mild steel
Shutter	Nylon (PA)
Spring	Mild steel
Plug	RCD plug
Cable	PVC, A05VV-F, 3G1.25mm ² , Black

Approval:

Plug: Intertek test report 160501227SHA-001

Cable reel: BSI Kitemark license KM61209

Cable: Test report 17080307HKG-001 issued by Intertek

Standard:

Cable reel: BS EN 61242

Socket: BS1363-2

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. Altitude not exceeding 2,000m above sea level
- D. 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	500V DC, 1 min.	Shall not be less than 5MΩ
Dielectric strength	2,000 +/- 60 V, 1 min.	No damage or breakdown
Resistance to aging	70 ±5°C, 168 hours	No cracks or becomes sticky
Construction		
Torque test	0.6Nm (6.1kgf/cm)	Terminal, cord grip and cover screws shall withstand the torque applied
Glow wire test	650/750°C electrically heated	Flame must extinguish within 30 seconds
Drop test	Overturned ten 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
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 shall not be accessible

RCD Instructions:

Directly plug into fixed socket,
Press "RESET" button, indicator should be "ON"
Press "TEST" button, indicator should be "OFF"
Press "RESET" button for use. Do not use if test failed.

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