

# TECHNICAL DATA SHEET

**PRO-ELEC**

RoHS  
Compliant

## CEILING ROSE

## MODEL: PELB1090

### SPECIFICATIONS

#### Current Rating:

250V AC, 6A



#### Construction:

Description	Material
Cover	Urea
Base	Nylon (PA)
Terminal holder	PC
Cable clip	POM
Screw	Zinc-plated steel
Terminal	Brass

#### Standard:

BS67:1987

#### Conditions of Use:

- A. Ambient temperature in the range  $-5^{\circ}\text{C}$  to  $+40^{\circ}\text{C}$ , the average value over 24 hours not exceeding  $25^{\circ}\text{C}$ .
- 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. 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.

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## 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 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
Glow wire test	650/850°C electrically heated	Flame must extinguish within 30 seconds
Temperature rise	Clause 15 of BS67	Temperature rise must not exceed: 1. Terminals: 45K
Live parts accessibility	Subjected to test probe with applied force of 5N when they are mounted and wired as in normal use	Live parts shall not be accessible

## Test Report/Certificate

ASTA license number: 916

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