

For models: PC25



This installation must be carried out by an electrician.

Please read these instructions carefully before installation.

Leave a copy for the user/maintenance engineer for future reference.

Specification

- M20 Photocell
- Class II construction and must not be earthed.
- Maximum Load: 5 Amp, 240VAC
- Temperature range: -40° – 70°
- IP65 rated & suitable for external applications.
- Supply voltage: 230v / 240v AC rated.
- Power Consumption: 1.5VA Max
- CE Approved.

Important Installation Information

- Before installation or maintenance ensure that the mains supply to the unit is switched off and the circuit supply fuses are removed or circuit breaker turned off.
- It is recommended that a qualified electrician is consulted or used for the installation of this photocell and installed to the current edition of the IEE wiring regulations.

Installation Instructions

- Carefully choose the correcting position to install the photocell considering the following guide lines:
- Where possible there should be a clear view of the sky.
- Be away from view of the light source the unit is to control.
- Securely fix the photocell through a 20mm clearance hole using the locking ring and gaskets which should be positioned either side of the hole with the 2 gaskets closest to the hole to form a water tight seal.

Guarantee

This product is guaranteed for a period of 1 year from the date of purchase. The guarantee is invalid in the case of improper use, tampering, removal of the Q.C. date label, installation in an improper working environment or installation not according to the current edition of the I.E.E. Wiring Regulations (BS7671). The guarantee is also invalidated if the luminaire has been Mega tested. Should this product fail during the guarantee period it will be replaced free of charge, subject to correct installation and return of the faulty unit. We do not accept responsibility for any installation costs associated with the replacement of this product. If a PIR is used in conjunction with any Red Arrow lighting product we do not accept any responsibility for premature failure of lamps or control gear. Your statutory rights are not affected. We reserve the right to alter specifications without prior notice.

- Terminate the 3 cables observing the correct connections:
"BROWN" = Live (Supply In)
"RED" = Load (Supply Out)
"BLUE" = Neutral

Operation & Testing

- The photocell always powers up in the "On" position, in bright daylight it will switch off within 15 seconds, normal operation will then resume.
- To test for correct operation cover the photocell, after a short delay, 5-15 seconds, the photocell will operate and power will be applied to the load. If tested in bright daylight after a similar delay the photocell will turn off the power to the load when the packaging box is removed.

Common Problems

- The Load stays on:
The photocell is in a shady or dark position.
The neutral is not connected.
- The Load is flashing, strobing or switching on and off repeatedly through hours of darkness:
The photocell is too close to the light source it is controlling.
"LIVE (BROWN)" & "LOAD (RED)" are reversed.



Product is suitable for mounting on flammable material



Product complies with all relevant European standards