



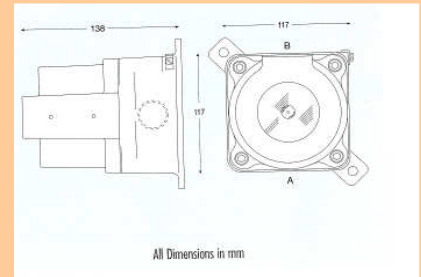
- Royce Thompson, a leading brand in the Thomas & Betts Corporation portfolio, has been synonymous with Photo Electronic controls for the street and amenity lighting market since 1963 and continues to lead the market in quality, innovation and service.
- Extensive investment in R&D and patented features such as 'synchronous switching' combined with our unique 'ASIC' (*Application specific integrated circuit*) ensure that Royce Thompson photocells offer the best in low energy consumption, high reliability and long life - helping you, the user, deliver the lowest carbon footprint.
- Royce Thompson products are RoHS compliant, UMSUG rated where appropriate and comply with EMC emission and immunity standards.

Hazardous Area Photocell.

The Q18 utilises the highly accurate Microstar 2000 Ultra photocell mounted in a cast Iron housing with a toughened glass window to offer EEx d IIC T6 performance. Ideal for applications where photocell control of lamination is required in any hazardous area.

KEY FEATURES

- Area Classification, Zones 1,2,21,22. Groups IIA, IIB, IIC.
- Protection to EEx d IIC T6.
- Temperature Class -40°C to +50°C.
- Certification No. SIRA02ATEX1314 POCC. GB. ГБ 05.BO1132.
- Cast Iron housing to 180BSI 1452 :1997.
- Black Epoxy powder finish.

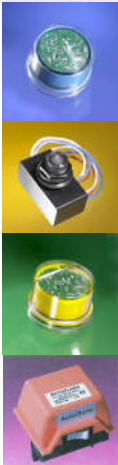
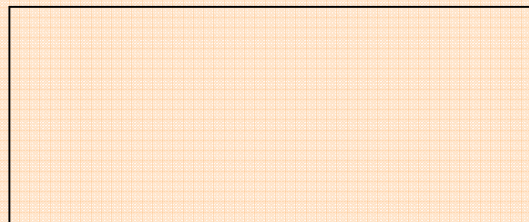


PHOTOCELL SPECIFICATION

| | |
|-----------------------------|---|
| Sensor Type | Filtered Silicon Photodiode |
| Sensor Drift | Zero over 10 years. |
| Operating voltage | 220 / 270Vac, 50/60 Hz. |
| Maximum lamp load (HID) | 3 x 400 W (96µF). 10A (res) |
| Switching Differential | 1:0.5 positive. |
| Standard switching level | 70Lux 'On', 35 Lux 'Off'. |
| Power consumption | <0.25W. |
| Operating temperature range | -20 / +60°C. |
| Weight | 5.1 Kg. |
| Earthing | Internal and external EEx brass clamps on base and cover. |
| Ingress Protection | IP66. |
| Warranty | 6 years. |

STOCKISTS

Royce Thompson products are available through an extensive distribution network. Your local stockist is :-



Thomas & Betts

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