



20 m volumetric Dual motion sensor

DD495

The DD 400 series is an innovative and state-of-the-art expansion dual technology range. Features included sealed optics, Gliding Focus Mirrors, solid curtains of detection, 4D PIR and proprietary microwave processing, Twin Opposed Antennae, alarm memory and simultaneous adjustment of the range of both technologies (PIR + Microwave). The DD 400 is the very best of two developments, PIR + stripline microwave module, in one product.

Specifications

|                             |                                     |
|-----------------------------|-------------------------------------|
| Detection range             | 20 m                                |
| Undercrawl protection       | Yes                                 |
| Detection range selection   | 20 m or 12 m or 7 m                 |
| Coverage field of view      | 60° with 7 curtains                 |
| Coverage pattern selection  | Blinders and curtain labels         |
| Mounting height             | 1.8 to 3.0 m                        |
| Power supply                | 9 to 15 VDC                         |
| Current consumption (nom.)  | 14.5 mA                             |
| Alarm relay (voltage free)  | NC when energised                   |
| Tamper relay (voltage free) | NC when cover closed                |
| Remote control lines        | Walk test                           |
| Alarm memory                | No                                  |
| Microwave frequency (nom.)  | 2410 MHz                            |
| PIR only mode               | Only on DD498                       |
| Dimensions (W x H x D)      | 74 x 125 x 53 mm                    |
| Ambient conditions          | -10 to +55°C; 95% relative humidity |
| Pry-off tamper              | ST400 (optional)                    |
| EN50131-2-2                 | Grade 2                             |

Ordering Information

|       |                                    |
|-------|------------------------------------|
| DD495 | 20 m volumetric Dual motion sensor |
| DD498 | 20 m volumetric Dual motion sensor |
| SB01  | Swivel bracket wall/ceiling mount  |



- PIR verified by microwave module
- "Step & Gliding Focus Multi Curtain" mirror optic
- Sealed optics
- ASIC with "4D" processing
- Distance of Motion microwave signal processing
- Selectable range with full undercrawl detection
- No adjustment required for different mounting heights
- Tolerates wall angle deviation
- Complies with EN50131-2-2
- Several European approvals

