

## EBDSPiR-PRM-VFC-NC | PRM switching, compact, IP40, ceiling, flush mounted, PIR, presence/absence detector, volt free contacts, normally closed fail-safe contacts



### Key Product Features:

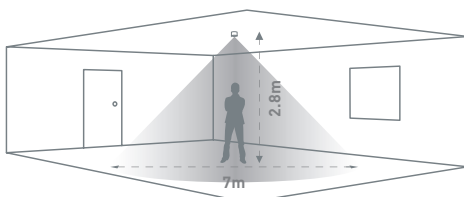
- Low profile design
- Volt free contacts
- Normally closed fail-safe contacts
- Self contained unit
- Pluggable
- Range up to 7m at 2.8m mounting height
- Programmable via our UHS5 or UNLCDHS infrared handsets
- User handset available to control on/off, lux levels and preset scenes
- Flush or surface mounted with DBB accessory
- 5 year warranty

### Key Functions:

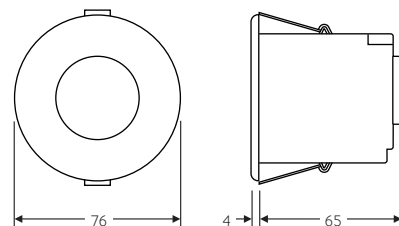
- Switching with lux level sensing
- Programmable via our programming handset
- Absence detection functionality

### Detection pattern


high < sensitivity > low











### Dimensions (mm)









## Technical Data

|  |  |
|--|--|
| <b>Part Code</b>                               | <b>EBDSPIR-PRM-VFC-NC</b>  |
| <b>Control method</b>                          | PRM Switching  |
| <b>Weight</b>                                  | 0.150kg  |
| <b>Supply voltage AC</b>                       | 230 VAC +/- 10%  |
| <b>Supply frequency</b>                        | 50Hz   |
| <b>Power consumption parasitic</b>             | 743mW  |
| <b>Terminal capacity</b>                       | 2.5mm <sup>2</sup>   |
| <b>Min load</b>                                | 100mA  |
| <b>Maximum loads</b>                           |  |
| Incandescent lighting                          | 2A   |
| Fluorescent lighting                           | 2A   |
| Compact fluorescent lighting                   | 2A   |
| LED lighting                                   | 2A   |
| Resistive heaters                              | 2A   |
| Fans and ventilation equipment                 | 2A   |
| <b>SON lighting</b>                            | Switch loads via a contactor   |
| <b>Max power factor correction capacitance</b> | 40µF   |
| <b>Working temperature range</b>               | -10 to 35°C  |
| <b>Humidity</b>                                | 5 to 95% non-condensing  |
| <b>Material (casing)</b>                       | Flame retardant ABS and PC/ABS   |
| <b>Insulation class</b>                        | 2  |
| <b>IP rating</b>                               | 40   |
| <b>Compliance</b>                              |  EMC-2014/30/EU<br>LVD-2014/35/EU |

## Accessories and Associated Products

| Part Number   | Description  |
|---|--|
|  UHS5       | Compact, programming/ commissioning handset  |
|  UHS7       | Compact, user handset  |
|  UNLCDHS    | Professional, programming/ commissioning LCD handset                                 |
|  EBD-ENCIP1 | Pre-drilled 64mm hole detector adapter enclosure                                     |
|  EXD-HSC    | Extended wiring housing  |
|  EBDSPIR-MS | Masking shields for EBDSPIR range  |
|  DBB        | Surface mount back box for 76mm diameter detectors and light level controls          |
|  DBB-EXT    | Surface mount back box extender for 76mm diameter detectors and light level controls |

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|  <p>www.cpelectronics.co.uk</p> | <p>CP Electronics<br/>A Business unit of Legrand Electric Limited,<br/>Brent Crescent, London NW10 7XR, UK<br/>t. +44 (0)333 900 0671<br/>info@cpelectronics.co.uk</p> <p>connect with us    </p> | <p><b>Important notice:</b></p> <p>This device should be installed by a qualified electrician in accordance with the latest edition of the IEE Wiring Regulations and the applicable Building Regulations.</p> <p>Due to our policy of continual product improvement CP Electronics reserves the right to alter the specification of this product without prior notice.</p> <div style="text-align: right;">  <br/>  </div> |
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