

# RCD01WAVN

## Valiance+® RCD Protected Single Gang White Switched Socket – Active

### Features & Benefits

- New Dual Flag Technology provides added protection against the risks of electrocution
- High EMC Immunity dramatically reduces nuisance tripping
- Conforms to BS7288:2016 BS1363-2, and meets latest IET Wiring Regulations
- Continues to protect with Lost Neutral /pulsating DC earth fault
- Designed, Tested and Certified in the UK
- Fits Standard Depth Wall Box
- Type A RCDs



### Technical Data

|                                    |                               |
|------------------------------------|-------------------------------|
| <b>Operating Voltage</b>           | 230V AC                       |
| <b>Frequency</b>                   | 50Hz                          |
| <b>Installation Type</b>           | Surface/Recessed              |
| <b>Earth Class Rating</b>          | Class I                       |
| <b>Operating Temperature</b>       | -5°C to 40°C                  |
| <b>Back Box Minimum Depth (mm)</b> | 25                            |
| <b>Socket Outlet</b>               | Single Gang 13A BS Plug       |
| <b>Switch Type</b>                 | Single Pole (Switched Socket) |

# Data sheet

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Safety / Valiance RCD Protection

|  |   |
|--|---|
| <b>Classification Type (IEC 60755)</b> | Type "A" - In addition to the detection characteristics of type AC SRCDs, Type A SRCDs detect pulsating DC residual current. Such waveforms can be caused by diode or thyristor rectifier circuit in electronic loads. Type A SRCD are specifically intended to be used for single phase class 1 electronic loads |
| <b>RCD Type</b>                        | Double Pole, Suitable For 2 and 3 Wire Applications   |
| <b>Operational Classification</b>      | Non-Latching (Active)   |
| <b>Rated Trip Current</b>              | 30mA  |
| <b>Breaking Capacity</b>               | 250A (Earth leakage)  |
| <b>Trip Speed</b>                      | Less than 40msec at 150mA residual current  |
| <b>Through Fault Withstand</b>         | 1500A   |
| <b>Altitude</b>                        | <2000m  |
| <b>Mounting Hole Centres (mm)</b>      | 60  |
| <b>Cable Capacity (mm<sup>2</sup>)</b> | 1x8mm <sup>2</sup> or 2x4mm <sup>2</sup> or 3x2.5mm <sup>2</sup> (Fixed), 10.5mm Diameter Max (Flexible)  |
| <b>Cable Entry(s)</b>                  | Back Entry  |

### General

|                                    |               |
|------------------------------------|---------------|
| <b>Weight (g)</b>                  | 151           |
| <b>Height (mm)</b>                 | 85            |
| <b>Width (mm)</b>                  | 85            |
| <b>Depth (mm)</b>                  | 42            |
| <b>Body Construction</b>           | Thermoset     |
| <b>Product Colour</b>              | White         |
| <b>EAN Number</b>                  | 5012483014509 |
| <b>Guarantee Period</b>            | 3 Years       |
| <b>Trade Tariff Commodity Code</b> | 8536301090    |

**Line Diagrams**

