



## Main

|                                         |                           |
|-----------------------------------------|---------------------------|
| Range                                   | Acti 9                    |
| Product or component type               | Earth leakage protection  |
| Device short name                       | IID                       |
| Poles description                       | 4P                        |
| Neutral position                        | Left                      |
| [In] rated current                      | 80 A                      |
| Network type                            | AC                        |
| Earth-leakage sensitivity               | 30 mA                     |
| Earth-leakage protection time delay     | Instantaneous             |
| Earth-leakage protection class          | Class A                   |
| Rated breaking and making capacity      | Im 1500 A<br>Idm 1500 A   |
| Rated conditional short-circuit current | 10 kA                     |
| Standards                               | EN 61008-1<br>IEC 61008-1 |

## Complementary

|                                              |                                                                                                                                                                                                                                                                                  |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Device location in system                    | Outgoer                                                                                                                                                                                                                                                                          |
| Network frequency                            | 50/60 Hz                                                                                                                                                                                                                                                                         |
| [Ue] rated operational voltage               | 400 V AC 50/60 Hz conforming to EN 61008-1<br>400/415 V AC 50/60 Hz conforming to IEC 61008-1                                                                                                                                                                                    |
| Residual current tripping technology         | Voltage independent                                                                                                                                                                                                                                                              |
| [Ui] rated insulation voltage                | 500 V                                                                                                                                                                                                                                                                            |
| [Uimp] rated impulse withstand voltage       | 6 kV                                                                                                                                                                                                                                                                             |
| Contact position indicator                   | Yes                                                                                                                                                                                                                                                                              |
| Control type                                 | Toggle                                                                                                                                                                                                                                                                           |
| Local signalling                             | Trip indicator                                                                                                                                                                                                                                                                   |
| Mounting mode                                | Fixed                                                                                                                                                                                                                                                                            |
| Mounting support                             | DIN rail                                                                                                                                                                                                                                                                         |
| Comb busbar distribution block compatibility | Top or bottom : YES                                                                                                                                                                                                                                                              |
| 9 mm pitches                                 | 8                                                                                                                                                                                                                                                                                |
| Height                                       | 91 mm                                                                                                                                                                                                                                                                            |
| Width                                        | 72 mm                                                                                                                                                                                                                                                                            |
| Depth                                        | 73.5 mm                                                                                                                                                                                                                                                                          |
| Product weight                               | 0.37 kg                                                                                                                                                                                                                                                                          |
| Colour                                       | White                                                                                                                                                                                                                                                                            |
| Mechanical durability                        | 20000 cycles                                                                                                                                                                                                                                                                     |
| Electrical durability                        | AC-1 : 10000 cycles                                                                                                                                                                                                                                                              |
| Connections - terminals                      | Single terminal top or bottom 1 cable(s) 1...35 mm <sup>2</sup> rigid without cable end<br>Single terminal top or bottom 1 cable(s) 1...25 mm <sup>2</sup> flexible without cable end<br>Single terminal top or bottom 1 cable(s) 1...25 mm <sup>2</sup> flexible with cable end |
| Wire stripping length                        | 14 mm (top or bottom)                                                                                                                                                                                                                                                            |
| Tightening torque                            | 3.5 N.m (top or bottom)                                                                                                                                                                                                                                                          |

## Environment

|                                       |                                                                |
|---------------------------------------|----------------------------------------------------------------|
| IP degree of protection               | IP20                                                           |
| pollution degree                      | 3 conforming to IEC 60947                                      |
| electromagnetic compatibility         | 8/20 $\mu$ s impulse withstand 250 A conforming to IEC 61008-1 |
| ambient air temperature for operation | -25...60 °C                                                    |
| ambient air temperature for storage   | -40...85 °C                                                    |

### Offer Sustainability

|                                  |                                                                       |
|----------------------------------|-----------------------------------------------------------------------|
| Sustainable offer status         | Green Premium product                                                 |
| RoHS (date code: YYWW)           | Compliant - since 1001 - Schneider Electric declaration of conformity |
| REACH                            | Reference not containing SVHC above the threshold                     |
| Product environmental profile    | Available                                                             |
| Product end of life instructions | Need no specific recycling operations                                 |