



### Main

|                                     |   |
|-------------------------------------|---|
| Range of product                    | C120  |
| Product or component type           | Earth leakage add-on block                        |
| Device short name                   | Vigi C120   |
| Poles description                   | 4P  |
| [In] rated current                  | 125 A   |
| Network type                        | AC  |
| Network frequency                   | 50/60 Hz  |
| [Ue] rated operational voltage      | 230...415 V AC 50/60 Hz conforming to IEC 60947-2 |
| Earth-leakage sensitivity           | 1000 mA   |
| Earth-leakage protection time delay | Selective   |
| Earth-leakage protection class      | Class A SiE                                       |
| 9 mm pitches                        | 10  |

### Complementary

|  |   |
|--|---|
| Device location in system              | Outgoer   |
| Residual current tripping technology   | Voltage independent   |
| [Ui] rated insulation voltage          | 500 V AC 50/60 Hz conforming to IEC 60947-2   |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to IEC 60947-2  |
| Mounting support                       | 35 mm symmetrical DIN rail  |
| Electrical connection to mcb           | By screws   |
| Height                                 | 87 mm   |
| Width                                  | 198 mm  |
| Depth                                  | 73 mm   |
| Product weight                         | 0.58 kg   |
| Mechanical durability                  | 20000 cycles  |
| Connections - terminals                | Tunnel type terminals 1.5...50 mm <sup>2</sup> rigid<br>Tunnel type terminals 1...35 mm <sup>2</sup> flexible |
| Wire stripping length                  | 15 mm   |
| Tightening torque                      | 3.5 N.m   |
| Product compatibility                  | Single terminal   |

### Environment

|                                       |  |
|---------------------------------------|--|
| Standards                             | EN 61009<br>IEC 60947-2                                    |
| Pollution degree                      | 3 conforming to IEC 60947-2                                |
| Electromagnetic compatibility         | 8/20 µs impulse withstand 3000 A conforming to IEC 60947-2 |
| Tropicalisation                       | 2 conforming to EN 61009                                   |
| Relative humidity                     | 95 % ( 55 °C )   |
| Operating altitude                    | 2000 m   |
| Ambient air temperature for operation | -25...40 °C  |
| Ambient air temperature for storage   | -40...70 °C  |

### Contractual warranty

|        |           |
|--------|-----------|
| Period | 18 months |
|--------|-----------|