



### Main

|                                        |                                                                      |
|----------------------------------------|----------------------------------------------------------------------|
| Range                                  | EasyPact                                                             |
| Range of product                       | EasyPact CVS100...250                                                |
| Product name                           | EasyPact CVS                                                         |
| Device short name                      | Vigi CVS160B                                                         |
| Product or component type              | Earth leakage circuit breaker                                        |
| Device application                     | Distribution                                                         |
| Poles description                      | 3P                                                                   |
| Protected poles description            | 3D                                                                   |
| Earth leakage protection (Vigi add on) | With                                                                 |
| [In] rated current                     | 125 A at 40 °C                                                       |
| Network type                           | AC                                                                   |
| Utilisation category                   | Category A                                                           |
| [Icu] Breaking capacity                | 40 kA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2         |
| Trip unit name                         | TM-D                                                                 |
| Trip unit technology                   | Thermal-magnetic                                                     |
| Trip unit rating                       | 125 A at 40 °C                                                       |
| Protection type                        | Short-circuit protection (magnetic)<br>Overload protection (thermal) |

### Complementary

|                                                    |                                                                                                                                                                              |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [Uimp] rated impulse withstand voltage             | 8 kV conforming to EN/IEC 60947-2                                                                                                                                            |
| Network frequency                                  | 50/60 Hz                                                                                                                                                                     |
| Breaking capacity code                             | B                                                                                                                                                                            |
| [Ics] rated service breaking capacity              | 15 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2<br>25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2<br>40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 |
| Mechanical durability                              | 25000 cycles                                                                                                                                                                 |
| Electrical durability                              | 12000 cycles 415 V In conforming to IEC 60947-2                                                                                                                              |
| Control type                                       | Toggle                                                                                                                                                                       |
| Thermal protection adjustment range                | 0...125 A                                                                                                                                                                    |
| Long time pick-up adjustment type Ir               | Adjustable                                                                                                                                                                   |
| Long time pick-up adjustment range                 | 0.7...1 x In                                                                                                                                                                 |
| Long time delay adjustment type                    | Fixed                                                                                                                                                                        |
| Short-time delay adjustment type                   | Fixed                                                                                                                                                                        |
| Instantaneous pick-up adjustment type li           | Fixed                                                                                                                                                                        |
| Instantaneous pick-up adjustment range             | 1250 A                                                                                                                                                                       |
| Earth-leakage add-on module name                   | VIJ                                                                                                                                                                          |
| Earth-leakage protection class                     | Class AC                                                                                                                                                                     |
| Residual earth-leakage sensitivity adjustment type | Adjustable 3 settings                                                                                                                                                        |
| [IΔn] residual earth-leakage sensitive adjustment  | 0.1 A<br>0.5 A<br>0.3 A                                                                                                                                                      |
| Residual earth-leakage time delay adjustment type  | Fixed                                                                                                                                                                        |
| [Δt] residual earth-leakage time delay adjustment  | 200 ms                                                                                                                                                                       |

|                            |                  |
|----------------------------|------------------|
| Contact position indicator | Yes              |
| Mounting support           | Backplate        |
| Mounting mode              | Fixed            |
| Upside connection          | Front            |
| Downside connection        | Front            |
| Connections - terminals    | Screw connection |
| Connection pitch           | 35 mm            |
| Compatibility code         | CVS160           |
| Width                      | 105 mm           |
| Depth                      | 86 mm            |
| Height                     | 236 mm           |

## Environment

|                                       |                           |
|---------------------------------------|---------------------------|
| Standards                             | IEC 60947-2<br>EN 60947-2 |
| Product certifications                | GOST[RETURN]IEC           |
| Electrical shock protection class     | Class II                  |
| IP degree of protection               | IP40                      |
| Ambient air temperature for operation | -25...70 °C               |
| Ambient air temperature for storage   | -50...85 °C               |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Height             | 13.0 cm   |
| Package 1 Width              | 10.5 cm   |
| Package 1 Length             | 23.3 cm   |
| Package 1 Weight             | 3120.0 g  |
| Unit Type of Package 2       | CAR       |
| Number of Units in Package 2 | 4         |
| Package 2 Height             | 30.0 cm   |
| Package 2 Width              | 30.0 cm   |
| Package 2 Length             | 40.0 cm   |
| Package 2 Weight             | 12.48 kg  |
| Unit Type of Package 3       | PAL       |
| Number of Units in Package 3 | 48        |
| Package 3 Height             | 104.0 cm  |
| Package 3 Width              | 60.0 cm   |
| Package 3 Length             | 80.0 cm   |
| Package 3 Weight             | 156.96 kg |

## Offer Sustainability

|                            |                                                                                                                                                                    |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                                                              |
| REACH Regulation           |  <a href="#">REACH Declaration</a>                                              |
| EU RoHS Directive          | Compliant with Exemptions                                                                                                                                          |
| Mercury free               | Yes                                                                                                                                                                |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a>                                         |
| RoHS exemption information |  <a href="#">Yes</a>                                                            |
| Environmental Disclosure   |  <a href="#">Product Environmental Profile</a>                                  |
| Circularity Profile        | No need of specific recycling operations  <a href="#">Circularity Profile</a> |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins                                        |