# Product datasheet

Specifications



## circuit breaker EasyPact CVS250N, 50 kA at 415 VAC, 250 A rating thermal magnetic TM-D trip unit, 3P 3d

LV525635

## Main

| | |
|---|---|
| **Range** | EasyPact |
| **Range of product** | EasyPact CVS |
| **Product name** | EasyPact CVS |
| **Device short name** | CVS250N |
| **Product or component type** | Circuit breaker |
| **Device application** | Distribution |
| **Poles description** | 3P |
| **Protected poles description** | 3D |
| **Earth leakage protection (Vigi add on)** | Without |
| **[In] rated current** | 250 A at 50 °C |
| **Network type** | AC |
| **Utilisation category** | Category A |
| **[Icu] Breaking capacity** | 50 kA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2<br>40 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2<br>80 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** | 250 A at 40 °C |
| **Protection type** | Overload protection (thermal)<br>Short-circuit protection (magnetic) |

## Complementary

| | |
|---|---|
| **[Uimp] rated impulse withstand voltage** | 8 kV conforming to EN/IEC 60947-2 |
| **Network frequency** | 50/60 Hz |
| **Breaking capacity code** | N |
| **[Ics] rated service breaking capacity** | 30 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2<br>50 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2<br>80 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 |
| **Mechanical durability** | 20000 cycles |
| **Electrical durability** | 10000 cycles 415 V In conforming to IEC 60947-2 |
| **Control type** | Toggle |
| **Thermal protection adjustment range** | 0…250 A |
| **Long time pick-up adjustment type Ir** | Adjustable |

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

| | |
|---|---|
| **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 Ii** | Fixed |
| **Instantaneous pick-up adjustment range** | 2500 A |
| **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** | CVS250 |
| **Width** | 105 mm |
| **Depth** | 86 mm |
| **Height** | 161 mm |
| **Net weight** | 1.7 kg |

## Environment

| | |
|---|---|
| **Standards** | IEC 60947-2<br>EN 60947-2 |
| **Product certifications** | IEC<br>GOST |
| **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** | 16.1 cm |
| **Package 1 Width** | 10.5 cm |
| **Package 1 Length** | 8.6 cm |
| **Package 1 Weight** | 2.2 kg |

## Contractual warranty

| | |
|---|---|
| **Warranty (in months)** | 18 |

## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

### Environmental footprint

| | |
|---|---|
| Total lifecycle Carbon footprint | **321 kg CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **14 kg CO2 eq.** |
| Carbon footprint of the distribution phase [A4] | **0.6 kg CO2 eq.** |
| Carbon footprint of the installation phase [A5] | **0 kg CO2 eq.** |
| Carbon footprint of the use phase [B2, B3, B4, B6] | **303 kg CO2 eq.** |
| Carbon footprint of the end-of-life phase [C1 to C4] | **4 kg CO2 eq.** |
| Environmental Disclosure | **Product Environmental Profile** |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | **Yes** |
| Packaging without single use plastic | **No, we have minimized the use of plastic in the packaging in compliance with regulations and considering quality and safety standards** |
| SCIP Number | **49bf38c5-56a0-475d-90bd-a88ef3d2ace2** |
| EU RoHS Directive | **Compliant By Exemption** |
| REACh Regulation | **Reference contains Substances of Very High Concern above the threshold** |

## Use Again

### Repack and remanufacture

| | |
|---|---|
| Recyclability potential, in % | **57** |
| End of life manual availability | **End of Life Information** |
| Take-back | **No** |
| WEEE Label | **The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins** |