# Product datasheet

Specifications



## Easypact CVS - CVS100N circuit breaker - 4P/3d

LV510482

## Main

| | |
|---|---|
| **Range** | EasyPact |
| **Range of product** | EasyPact CVS100...250 |
| **product name** | EasyPact CVS |
| **Device short name** | CVS100N |
| **Product or component type** | Circuit breaker |
| **Device application** | Distribution |
| **Poles description** | 4P |
| **Protected poles description** | 3D |
| **Earth leakage protection (Vigi add on)** | Without |
| **[In] rated current** | 32 A at 40 °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** | 32 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 |
| **Neutral position** | Left |
| **Mechanical durability** | 30000 cycles |
| **Electrical durability** | 12000 cycles 415 V In conforming to IEC 60947-2 |
| **control type** | Toggle |
| **Thermal protection adjustment range** | 0…32 A |

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

| | |
|---|---|
| **Neutral protection setting** | No protection (3D) |
| **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 Ii** | Fixed |
| **Instantaneous pick-up adjustment range** | 400 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** | CVS100 |
| **Width** | 140 mm |
| **Depth** | 86 mm |
| **Height** | 161 mm |
| **Product weight** | 1.9 kg |

## Environment

| | |
|---|---|
| **Standards** | EN 60947-2<br>IEC 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** | 14 cm |
| **Package 1 Width** | 15 cm |
| **Package 1 Length** | 19 cm |
| **Package 1 Weight** | 2.6 kg |
| **Unit Type of Package 2** | S03 |
| **Number of Units in Package 2** | 6 |
| **Package 2 Height** | 30 cm |
| **Package 2 Width** | 30 cm |

| | |
|---|---|
| **Package 2 Length** | 40 cm |
| **Package 2 Weight** | 15.6 kg |

## 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

| | |
|---|---|
| Carbon footprint (kg.eq.CO2 per CR, Total Life cycle) | 650 |
| Environmental Disclosure | Product Environmental Profile |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | Yes |
| Packaging without single use plastic | No |
| EU RoHS Directive | Compliant with Exemptions |
| SCIP Number | 49bf38c5-56a0-475d-90bd-a88ef3d2ace2 |
| REACh Regulation | REACh Declaration |
| China RoHS Regulation | China RoHS declaration |

## Use Again

### Repack and remanufacture

| | |
|---|---|
| Circularity Profile | No need of specific recycling operations |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Take-back | No |