# **Product datasheet**

Specification





# Easypact CVS - CVS250N circuit breaker - 3P/3d

LV525452

## Main

| Range                                  | EasyPact   |  |
|--|--|--|
| Range of product                       | EasyPact CVS100250   |  |
| 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                     | 200 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                       | 200 A at 40 °C   |  |
| Protection type                        | Short-circuit protection (magnetic) 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                 | 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    | 0200 A   |
| Long time pick-up adjustment type Ir   | Adjustable   |

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| Long time pick-up adjustment range       | 0.71 x ln        |  |
|--|------------------|--|
| Long time delay adjustment type          | Fixed            |  |
| Short-time delay adjustment type         | Fixed            |  |
| Instantaneous pick-up adjustment type li | Fixed            |  |
| instantaneous pick-up adjustment range   | 2000 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                | GOST<br>IEC               |
| Electrical shock protection class     | Class II                  |
| IP degree of protection               | IP40                      |
| Ambient air temperature for operation | -2570 °C                  |
| Ambient air temperature for storage   | -5085 °C                  |

## **Packing Units**

| Unit Type of Package 1       | PCE   |
|------------------------------|-------|
| Number of Units in Package 1 | 1     |
| Package 1 Height             | 15 cm |
| Package 1 Width              | 11 cm |
| Package 1 Length             | 18 cm |
| Package 1 Weight             | 2 kg  |
| Unit Type of Package 2       | S03   |
| Number of Units in Package 2 | 7     |
| Package 2 Height             | 30 cm |
| Package 2 Width              | 30 cm |
| Package 2 Length             | 40 cm |
| Package 2 Weight             | 14 kg |



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Transparency RoHS/REACh

## Well-being performance



Mercury Free



Rohs Exemption Information

Yes

#### **Certifications & Standards**

| Reach Regulation         | REACh Declaration   |
|--------------------------|---|
| Eu Rohs Directive        | Compliant with Exemptions   |
| China Rohs Regulation    | China RoHS declaration  Product out of China RoHS scope. Substance declaration for your information                         |
| Environmental Disclosure | Product Environmental Profile   |
| Weee                     | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Circularity Profile      | End of Life Information   |