# Product data sheet
## Characteristics

# LV516466
## circuit breaker EasyPact CVS250N, 50kA at 415VAC, 100A rating thermal magnetic TM-D trip unit, 4P 3d



## Main

| | |
|---|---|
| Range | EasyPact |
| Product name | EasyPact CVS |
| Device short name | CVS160N |
| 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 | 100 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 | 100 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 | 25000 cycles |
| Electrical durability | 12000 cycles 415 V In conforming to IEC 60947-2 |
| Control type | Toggle |
| Thermal protection adjustment range | 0…100 A |
| 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 | 800 A |
| Contact position indicator | Yes |
| Mounting mode | Fixed |
| Mounting support | Backplate |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
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.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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|---|---|
| Upside connection | Front |
| Downside connection | Front |
| Connections - terminals | Screw connection |
| Connection pitch | 35 mm |
| Compatibility code | CVS160 |
| Width | 140 mm |
| Depth | 86 mm |
| Height | 161 mm |

## 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 | 14 cm |
| Package 1 Width | 14.5 cm |
| Package 1 Length | 19.5 cm |
| Package 1 Weight | 2630 g |
| Unit Type of Package 2 | CAR |
| Number of Units in Package 2 | 6 |
| Package 2 Height | 23 cm |
| Package 2 Width | 38 cm |
| Package 2 Length | 49.5 cm |
| Package 2 Weight | 15.78 kg |
| Unit Type of Package 3 | PAL |
| Number of Units in Package 3 | 48 |
| Package 3 Height | 107.2 cm |
| Package 3 Width | 60 cm |
| Package 3 Length | 80 cm |
| Package 3 Weight | 133.44 kg |

## Offer Sustainability

| | |
|---|---|
| Sustainable offer status | Green Premium product |
| REACh Regulation | REACh Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| China RoHS Regulation | China RoHS Declaration |
| RoHS exemption information | Yes |
| 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 |

## Contractual warranty

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|---|---|
| Warranty | 18 months |