# Product data sheet
## Characteristics

# LV510485
circuit breaker, EasyPact CVS250N, 50kA at 415VAC, 63A, TM-D trip unit, 4P3d



## 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 | Without |
| [In] rated current | 63 A at 40 °C |
| Network type | AC |
| Utilisation category | Category A |
| 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 | 63 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 | 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…63 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 | 500 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 |
| Net weight | 1.9 Kg |

## 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 | 14.000 Cm |
| Package 1 Width | 14.500 Cm |
| Package 1 Length | 19.500 Cm |
| Package 1 Weight | 2.450 Kg |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 6 |
| Package 2 Height | 30.000 Cm |
| Package 2 Width | 30.000 Cm |
| Package 2 Length | 40.000 Cm |
| Package 2 Weight | 14.700 Kg |
| Unit Type of Package 3 | P12 |
| Number of Units in Package 3 | 48 |
| Package 3 Height | 45.000 Cm |
| Package 3 Width | 80.000 Cm |
| Package 3 Length | 120.000 Cm |
| Package 3 Weight | 117.643 Kg |

## Offer Sustainability

| | |
|---|---|
| Recyclability potential, in % | 51 |
| Total lifecycle Carbon footprint | 650 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 16.824836337660994 |
| Carbon footprint of the manufacturing phase [A1 to A3] | 17 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4] | 0.2916364983601111 |
| Carbon footprint of the distribution phase [A4] | 0.3 kg CO2 eq. |
| Carbon footprint of the installation phase [A5] | 0.2671966501681388 |
| Carbon footprint of the installation phase [A5] | 0.3 kg CO2 eq. |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 628.5866666666666 |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 629 kg CO2 eq. |
| Mercury free | Yes |

| | |
|---|---|
| Sustainable packaging | No |
| Carbon footprint of the end-of-life phase [C1 to C4] | 3.8886631695265943 |
| Carbon footprint of the end-of-life phase [C1 to C4] | 4 kg CO2 eq. |
| Environmental Disclosure | Product Environmental Profile |
| Total lifecycle Carbon footprint | 650 |
| 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 c |
| SCIP Number | 49bf38c5-56a0-475d-90bd-a88ef3d2ace2 |
| REACh Regulation | Reference contains Substances of Very High Concern above the threshold |
| EU RoHS Directive | Compliant By Exemption |
| End of life manual availability | No need of specific recycling operations |
| Take-back | No |
| WEEE Label | The product must be disposed on European Union markets following specific waste collection a |

## Contractual warranty

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

Product Life Status : Commercialised