# Product data sheet
## Characteristics

# LV540315
circuit breaker, EasyPact CVS400N, 50kA at 415VAC, 320A, TM-D trip unit, 3P3d



## Main

| | |
|---|---|
| Range | EasyPact |
| Range of product | EasyPact CVS400...630 |
| Product name | EasyPact CVS |
| Device short name | CVS400N |
| Product or component type | Circuit breaker |
| Device application | Distribution |
| Poles description | 3P |
| Protected poles description | 3D |
| Earth-leakage protection | Without |
| [In] rated current | 320 A at 40 °C |
| Network type | AC |
| Utilisation category | Category A |
| Breaking capacity | 70 KA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2<br>50 KA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2<br>42 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 |
| Trip unit name | TM-D |
| Trip unit technology | Thermal-magnetic |
| Trip unit rating | 320 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 | 70 KA at 220/240 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>32 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2 |
| Mechanical durability | 15000 Cycles |
| Electrical durability | 6000 Cycles 415 V In conforming to IEC 60947-2 |
| Control type | Toggle |
| Thermal protection adjustment range | 224…320 A |
| 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 |
| Instantaneous pick-up adjustment type Ii | Adjustable |
| Instantaneous pick-up adjustment range | 5...10 x In |
| Contact position indicator | Yes |

| | |
|---|---|
| Mounting support | Backplate |
| Mounting mode | Fixed |
| Upside connection | Front |
| Downside connection | Front |
| Connections - terminals | Screw connection |
| Connection pitch | 45 Mm |
| Compatibility code | CVS400 |
| Width | 140 Mm |
| Depth | 110 Mm |
| Height | 255 Mm |
| Net weight | 4.7 Kg |

## Environment

| | |
|---|---|
| Standards | EN 60947-2<br>IEC 60947-2 |
| Product certifications | IEC[RETURN]GOST |
| Electrical shock protection class | Class II |
| Pollution degree | 3 conforming to IEC 60664-1 |
| 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 | 15.500 Cm |
| Package 1 Width | 16.000 Cm |
| Package 1 Length | 29.000 Cm |
| Package 1 Weight | 4.833 Kg |
| Unit Type of Package 2 | S04 |
| Number of Units in Package 2 | 3 |
| Package 2 Height | 30.000 Cm |
| Package 2 Width | 40.000 Cm |
| Package 2 Length | 60.000 Cm |
| Package 2 Weight | 15.149 Kg |
| Unit Type of Package 3 | P12 |
| Number of Units in Package 3 | 12 |
| Package 3 Height | 45.000 Cm |
| Package 3 Width | 80.000 Cm |
| Package 3 Length | 120.000 Cm |
| Package 3 Weight | 72.596 Kg |

## Offer Sustainability

| | |
|---|---|
| Recyclability potential, in % | 53 |
| Total lifecycle Carbon footprint | 865 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 29.002288840782807 |
| Carbon footprint of the manufacturing phase [A1 to A3] | 29 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4] | 0.57960398399284 |
| Carbon footprint of the distribution phase [A4] | 0.6 kg CO2 eq. |
| Carbon footprint of the installation phase [A5] | 0.6213863052144902 |
| Carbon footprint of the installation phase [A5] | 0.6 kg CO2 eq. |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 825.84 |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 826 kg CO2 eq. |
| Mercury free | Yes |
| Sustainable packaging | No |
| Carbon footprint of the end-of-life phase [C1 to C4] | 9.189384713047799 |

| | |
|---|---|
| Carbon footprint of the end-of-life phase [C1 to C4] | 9 kg CO2 eq. |
| Environmental Disclosure | Product Environmental Profile |
| Total lifecycle Carbon footprint | 865 |
| 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 | C622fd85-96e4-4086-85a0-8be61a4b5d6b |
| REACh Regulation | Reference contains Substances of Very High Concern above the threshold |
| EU RoHS Directive | Compliant By Exemption |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Lead and Toluene, which are |
| PVC free | Yes |
| 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 a |

## Contractual warranty

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

Product Life Status : Commercialised