Product datasheet

Specifications





Easypact CVS - CVS160N circuit breaker - 3P/3d

LV516463

Main

| Range | EasyPact | |
|--|--|--|
| Range of product | EasyPact CVS100250 | |
| Product name | EasyPact CVS | |
| Device short name | CVS160N | |
| 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 | 160 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 40 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 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 | 160 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 |
| [lcs] rated service breaking capacity | 30 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 50 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 80 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 |
| Mechanical durability | 25000 cycles |
| Electrical durability | 12000 cycles 415 V In conforming to IEC 60947-2 |
| Control type | Toggle |
| Thermal protection adjustment range | 0160 A |
| Long time pick-up adjustment type Ir | Adjustable |

| 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 | 1250 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 | CVS160 |
| Width | 105 mm |
| Depth | 86 mm |
| Height | 161 mm |
| Net weight | 1.5 kg |

Environment

| Standards | IEC 60947-2 EN 60947-2 |
|---------------------------------------|---------------------------|
| Product certifications | GOST 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 | 1.8 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 | 12.6 kg |



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Guide to assess a product's sustainability >





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 |