

Product datasheet

Specifications



circuit breaker, EasyPact
CVS100N, 50kA at 415VAC, ETS
2.2, 100A, 3P 3d

LV510555

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 | 3P |
| 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 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 | ETS 2.2 |
| Trip unit technology | Electronic |
| Protection type | Short time short-circuit protection with fixed delay Overload protection (long time) Instantaneous short-circuit protection |

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 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 | 30000 cycles |
| Electrical durability | 12000 cycles 415 V In conforming to IEC 60947-2 |
| Control type | Toggle |
| Long time pick-up adjustment type Ir | Adjustable 9 settings |
| Long time pick-up adjustment range | 40...100 A |
| Long time delay adjustment type | Fixed |

| | |
|--|---|
| [tr] long-time delay adjustment range | 11 s at 7.2 x Ir 16 s at 6 x Ir 400 s at 1.5 x Ir |
| Short-time pick-up adjustment type Isd | Adjustable 9 settings |
| [Isd] short-time pick-up adjustment range | 1.5...10 x Ir |
| Short-time delay adjustment type | Fixed |
| [tsd] short-time delay adjustment range | 0.02 s |
| Instantaneous pick-up adjustment type li | Fixed |
| Instantaneous pick-up adjustment range | 1500 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 | 105 mm |
| Depth | 86 mm |
| Height | 161 mm |
| Net weight | 2.04 kg |

Environment

| | |
|--|---------------------------|
| Standards | EN 60947-2 IEC 60947-2 |
| Product certifications | CCC CB |
| 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 | 11.000 cm |
| Package 1 Width | 13.000 cm |
| Package 1 Length | 19.000 cm |
| Package 1 Weight | 1.826 kg |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 4 |
| Package 2 Height | 15.000 cm |

| | |
|-------------------------------------|------------|
| Package 2 Width | 30.000 cm |
| Package 2 Length | 40.000 cm |
| Package 2 Weight | 7.564 kg |
| Unit Type of Package 3 | P12 |
| Number of Units in Package 3 | 64 |
| Package 3 Height | 45.000 cm |
| Package 3 Width | 80.000 cm |
| Package 3 Length | 120.000 cm |
| Package 3 Weight | 133.024 kg |

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[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 No need of specific recycling operations
[Circularity Profile](#)

Offer Marketing Illustration

Product benefits / Features


EasyPact CVS

Moulded Case Circuit Breaker




A detailed view of the EasyPact CVS Moulded Case Circuit Breaker, showing its grey metal casing, a central handle, and various terminals and labels.


Safe

 Unlock unparalleled safety and control with our wire's unique ability to safely isolate and replace auxiliaries, even with an energized circuit breaker.

Reliable

 It meets IEC 60947-2 standards for quality, high endurance, and fault current limitation technology, providing superior safety and protection.

Simple

 Effortless retrofitting and seamless upgrades for enhanced flexibility and performance.

Offer Marketing Illustration

Product benefits / Features



Offer Marketing Illustration

Product benefits / Features



EasyPact CVS Technical Benefits

- MCCB with adjustable setting, rated from 16 to 630A in 3 standard sizes
- Breaking capacity from 25 to 50kA at 400/415 V, 3 and 4 pole versions
- Vast range of protection options, thermal-magnetic, electronic and earth leakage
- Deliver a high level of performance and cost-saving functionality
- Coordinated with selectivity and cascading for ACBs, MCCBs, MCBs