

# Product datasheet

Specifications



## EasyPact CVS - CVS100N circuit breaker - 3P/3d

LV510477

### 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	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	100 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
[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
Thermal protection adjustment range	0...100 A
Long time pick-up adjustment type Ir	Adjustable

Long time pick-up adjustment range	0.7...1 x I <sub>n</sub>
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 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	1.5 kg

## Environment

Standards	EN 60947-2 IEC 60947-2
Product certifications	GOST 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 cm
Package 1 Width	11.5 cm
Package 1 Length	19 cm
Package 1 Weight	2.03 kg
Unit Type of Package 2	S03
Number of Units in Package 2	8
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	16.24 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-CO<sub>2</sub> 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

Offer Marketing Illustration

Product benefits / Features

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**EasyPact CVS**  
Range Accessories

The image displays a collection of accessories for the EasyPact CVS range. At the top left, a large image shows a grey EasyPact CVS circuit breaker. Below it, the following accessories are shown with their respective labels:

- Cable connectors**: Three black cylindrical components.
- Terminal extension - Spreader**: Three grey metal components with multiple terminals.
- Terminal extension**: A white plastic component.
- Cable connectors**: A black plastic component.
- Terminal shield**: A grey metal component.
- Interphase barriers**: Two black plastic components.
- Direct rotary handle**: A black plastic handle with a red and green indicator.
- Extended rotary handle**: A black plastic handle with a red and green indicator, connected to a terminal block.
- Earth leakage protection**: A grey metal component with a red indicator.

Offer Marketing Illustration

Product benefits / Features

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### 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


Offer Marketing Illustration

Product benefits / Features

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## EasyPact CVS

### Moulded Case Circuit Breaker



A detailed illustration of the EasyPact CVS Moulded Case Circuit Breaker, showing its grey metal casing, a central handle, and various terminals and indicators on the front panel.

- 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.