

# Product datasheet

Specifications



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

LV510450

### Main

Range	EasyPact
Product name	EasyPact CVS
Device short name	CVS100N
Product or component type	Circuit breaker
Device application	Motor
Poles description	3P
Protected poles description	3D
Earth leakage protection (Vigi add on)	Without
[In] rated current	2.5 A at 65 °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	MA
Trip unit technology	Magnetic
Trip unit rating	2.5 A at 65 °C
Protection type	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	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
Short-time pick-up adjustment type Isd	Adjustable

[Isd] short-time pick-up adjustment range	6...14 x In
Instantaneous pick-up adjustment type li	Adjustable
Instantaneous pick-up adjustment range	6...14 x In
Contact position indicator	Yes
Mounting mode	Fixed
Mounting support	Backplate
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

## 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	9 cm
Package 1 Width	10.5 cm
Package 1 Length	16 cm
Package 1 Weight	2100 g
Unit Type of Package 2	CAR
Number of Units in Package 2	9
Package 2 Height	23 cm
Package 2 Width	38 cm
Package 2 Length	49.5 cm
Package 2 Weight	18.9 kg
Unit Type of Package 3	PAL
Number of Units in Package 3	72
Package 3 Height	107.2 cm

Package 3 Width	60 cm
Package 3 Length	80 cm
Package 3 Weight	158.4 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	18 months
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Recommended replacement(s)