

# Product datasheet

Specifications



## EasyPact CVS - CVS100N circuit breaker - 4P/3d

LV510487

### Main

Range	EasyPact
Product name	EasyPact CVS
Device short name	CVS100N
Product or component type	Circuit breaker
Device application	Distribution
Poles description	4P
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
Neutral position	Left
Mechanical durability	30000 cycles
Electrical durability	12000 cycles 415 V In conforming to IEC 60947-2
Control type	Toggle

<b>Thermal protection adjustment range</b>	0...100 A
<b>Neutral protection setting</b>	No protection (3D)
<b>Long time pick-up adjustment type I<sub>r</sub></b>	Adjustable
<b>Long time pick-up adjustment range</b>	0.7...1 x I <sub>n</sub>
<b>Long time delay adjustment type</b>	Fixed
<b>Short-time delay adjustment type</b>	Fixed
<b>Instantaneous pick-up adjustment type I<sub>i</sub></b>	Fixed
<b>Instantaneous pick-up adjustment range</b>	800 A
<b>Contact position indicator</b>	Yes
<b>Mounting mode</b>	Fixed
<b>Mounting support</b>	Backplate
<b>Upside connection</b>	Front
<b>Downside connection</b>	Front
<b>Connections - terminals</b>	Screw connection
<b>Connection pitch</b>	35 mm
<b>Compatibility code</b>	CVS100
<b>Width</b>	140 mm
<b>Depth</b>	86 mm
<b>Height</b>	161 mm

## Environment

<b>Standards</b>	IEC 60947-2 EN 60947-2
<b>Product certifications</b>	IEC GOST
<b>Electrical shock protection class</b>	Class II
<b>IP degree of protection</b>	IP40
<b>Ambient air temperature for operation</b>	-25...70 °C
<b>Ambient air temperature for storage</b>	-50...85 °C

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	14 cm
<b>Package 1 Width</b>	14.5 cm
<b>Package 1 Length</b>	19.5 cm
<b>Package 1 Weight</b>	2.45 kg
<b>Unit Type of Package 2</b>	CAR
<b>Number of Units in Package 2</b>	6

Package 2 Height	23 cm
Package 2 Width	38 cm
Package 2 Length	49.5 cm
Package 2 Weight	14.7 kg
Unit Type of Package 3	PAL
Number of Units in Package 3	48
Package 3 Height	107.2 cm
Package 3 Width	60 cm
Package 3 Length	80 cm
Package 3 Weight	124.8 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
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	Yes
Environmental Disclosure	<a href="#">Product Environmental Profile</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)