

# Product datasheet

Specifications



circuit breaker, EasyPact CVS800N,  
50kA at 415VAC, ETS 2.3, 800A, 3P  
3d

LV508231

## Main

Range	EasyPact
Product name	EasyPact CVS
Device short name	CVS800N
Product or component type	Circuit breaker
Device application	Distribution
Poles description	3P
Protected poles description	3D
[In] rated current	800 A
[Ue] rated operational voltage	690 V AC
Network type	AC
Suitability for isolation	Yes conforming to IEC 60947-2
Utilisation category	Category A
[Icu] Breaking capacity	70 kA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 50 kA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 50 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2
Trip unit name	ETS 2.3
Trip unit technology	Electronic
Trip unit rating	800 A at 40 °C
Protection type	Short-circuit protection (magnetic) Overload protection (thermal) Instantaneous short-circuit protection

## Complementary

[Ui] rated insulation voltage	800 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to IEC 60947-2
Network frequency	50/60 Hz
[Ics] rated service breaking capacity	70 kA at 220/240 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 50 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2
Neutral position	Left
Mechanical durability	20000 cycles
Electrical durability	2500 cycles 415 V In conforming to IEC 60947-2

Trip unit protection functions	LSI
Control type	Toggle
Long time pick-up adjustment type Ir	Adjustable
Long time pick-up adjustment range	0.4...1 x In
Long time delay adjustment type	Adjustable
[Tr] long-time delay adjustment range	3 s at 7.2 x Ir 10 s at 7.2 x Ir 3 s at 6 x Ir 10 s at 6 x Ir
Short-time pick-up adjustment type I <sub>sd</sub>	Adjustable
[I <sub>sd</sub> ] short-time pick-up adjustment range	1.5...10 x Ir
Short-time delay adjustment type	Fixed
[T <sub>sd</sub> ] short-time delay adjustment range	0.1 s
Instantaneous pick-up adjustment type I <sub>i</sub>	Fixed
Instantaneous pick-up adjustment range	8 x In
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
Connection pitch	68 mm
Width	210 mm
Depth	143 mm
Height	370 mm
Net weight	14.3 kg

## Environment

Standards	IEC 60947-2
Product certifications	IEC
Pollution degree	3 conforming to IEC 60664-1
IP degree of protection	IP40
Ambient air temperature for operation	-5...55 °C
Ambient air temperature for storage	-35...70 °C

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	30.7 cm
Package 1 Width	33 cm
Package 1 Length	47.6 cm

Package 1 Weight	16.14 kg
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Recommended replacement(s)