

Product datasheet

Specifications



circuit breaker, EasyPact CVS800N,
50kA at 415VAC, ETS 2.3, 800A, 4P
3d

LV508241

Main

Range	EasyPact
Range of product	EasyPact CVS800...1250
Product name	EasyPact CVS
Device short name	CVS800N
Product or component type	Circuit breaker
Device application	Distribution
Poles description	4P
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 I _r	Adjustable
Long time pick-up adjustment range	0.4...1 x I _n
Long time delay adjustment type	Adjustable
[t _r] long-time delay adjustment range	8 s at 7.2 x I _r 10 s at 7.2 x I _r 3 s at 6 x I _r 10 s at 6 x I _r
Short-time pick-up adjustment type I _{sd}	Adjustable
[I _{sd}] short-time pick-up adjustment range	1.5...10 x I _r
Short-time delay adjustment type	Fixed
[t _{sd}] short-time delay adjustment range	0.1 s
Instantaneous pick-up adjustment type I _i	Fixed
Instantaneous pick-up adjustment range	8 x I _n
Mounting support	Backplate
Mounting mode	Fixed
Upside connection	Front
Downside connection	Front
Connection pitch	68 mm
Width	278 mm
Depth	143 mm
Height	370 mm
Net weight	18.3 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	39.9 cm
Package 1 Length	47.6 cm
Package 1 Weight	21.6 kg