

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

LV508231

Main

Range	EasyPact	
Range of product	EasyPact CVS8001250	
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	
[lcs] 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	0.41 x ln
Long time delay adjustment type	Adjustable
[tr] long-time delay adjustment range	3 s at 7.2 x lr 10 s at 7.2 x lr 3 s at 6 x lr 10 s at 6 x lr
Short-time pick-up adjustment type Isd	Adjustable
[Isd] short-time pick-up adjustment range	1.510 x lr
Short-time delay adjustment type	Fixed
[tsd] short-time delay adjustment range	0.1 s
Instantaneous pick-up adjustment type li	Fixed
Instantaneous pick-up adjustment range	8 x ln
Mounting support	Backplate
Mounting mode	Fixed
Upside connection	Front
Downside connection	Front
Connection pitch	68 mm
Width	210 mm
Depth	143 mm
Height	370 mm
Product 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	-555 °C	
Ambient air temperature for storage	-3570 °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



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

∇ Environmental footprint	
Total lifecycle Carbon footprint	2111
Environmental Disclosure	Product Environmental Profile

Use Better

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Under investigation
Halogen-free status	Halogen free plastic parts product
PVC free	No
Silicone-free	No

Use Again

○ Repack and remanufacture	
End of life manual availability	End of Life Information
Take-back	No