Product data sheet
Characteristics

LV510486
circuit breaker EasyPact CVS250N, 50 kA at 415 VAC, 80 A rating thermal magnetic TM-D trip unit, 4P 3d



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	80 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	80 A at 40 °C
Protection type	Overload protection (thermal) 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
Neutral position	Left
Mechanical durability	30000 cycles
Electrical durability	12000 cycles 415 V In conforming to IEC 60947-2
Control type	Toggle
Thermal protection adjustment range	0…80 A
Neutral protection setting	No protection (3D)
Long time pick-up adjustment type Ir	Adjustable
Long time pick-up adjustment range	0.7...1 x In
Long time delay adjustment type	Fixed
Short-time delay adjustment type	Fixed
Instantaneous pick-up adjustment type Ii	Fixed
Instantaneous pick-up adjustment range	640 A
Contact position indicator	Yes
Mounting mode	Fixed
Mounting support	Backplate

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This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
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Upside connection	Front
Downside connection	Front
Connections - terminals	Screw connection
Connection pitch	35 mm
Compatibility code	CVS100
Width	140 mm
Depth	86 mm
Height	161 mm

Environment

Standards	IEC 60947-2 EN 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	14 cm
Package 1 Width	14.5 cm
Package 1 Length	19.5 cm
Package 1 Weight	2.45 kg
Unit Type of Package 2	CAR
Number of Units in Package 2	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	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
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