Product datasheet

Specifications

Green Premium™

Easypact CVS - CVS160N circuit breaker - 4P/3d

LV516468

Main

Range	EasyPact
Range of product	EasyPact CVS100...250
Product name	EasyPact CVS
Device short name	CVS160N
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	160 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	160 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	25000 cycles
Electrical durability	12000 cycles 415 V In conforming to IEC 60947-2
Control type	Toggle
Thermal protection adjustment range	0…160 A

Disclaimer: 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

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	1250 A
Contact position indicator	Yes
Mounting support	Backplate
Mounting mode	Fixed
Upside connection	Front
downside connection	Front
Connections - terminals	Screw connection
Connection pitch	35 mm
Compatibility code	CVS160
Width	140 mm
Depth	86 mm
Height	161 mm
Net weight	1.9 kg

Environment

Standards	EN 60947-2 IEC 60947-2
Product certifications	IEC GOST
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	2.63 kg
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Height	30 cm
Package 2 Width	30 cm

Package 2 Length	40 cm
Package 2 Weight	15.78 kg

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

Well-being performance

Mercury Free

Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
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
Circularity Profile	End of Life Information