Product datasheet

Specifications

Easypact CVS - CVS100N circuit breaker - 3P/3d

LV510455

Main

Range	EasyPact
Product name	EasyPact CVS
Device short name	CVS100N
Product or component type	Circuit breaker
Device application	Motor
Poles description	3P
Protected poles description	3D
Earth leakage protection (Vigi add on)	Without
[In] rated current	100 A at 65 °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	MA
Trip unit technology	Magnetic
Trip unit rating	100 A at 65 °C
Protection type	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
Mechanical durability	30000 cycles
Electrical durability	12000 cycles 415 V In conforming to IEC 60947-2
Control type	Toggle
Short-time pick-up adjustment type Isd	Adjustable

[Isd] short-time pick-up adjustment range	6...14 x In
Instantaneous pick-up adjustment type Ii	Adjustable
Instantaneous pick-up adjustment range	6...14 x In
Contact position indicator	Yes
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
Connections - terminals	Screw connection
Connection pitch	35 mm
Compatibility code	CVS100
Width	105 mm
Depth	86 mm
Height	161 mm

Environment

Standards	EN 60947-2 IEC 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	10.94 cm
Package 1 Width	13.69 cm
Package 1 Length	18.82 cm
Package 1 Weight	1.85 kg
Unit Type of Package 2	CAR
Number of Units in Package 2	9
Package 2 Height	23.4 cm
Package 2 Width	37.582 cm
Package 2 Length	49.3 cm
Package 2 Weight	18.072 kg
Package 3 Height	23.4 cm

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 Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
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

Recommended replacement(s)

China RoHS declaration

Yes