



Main

Range of product	EasyPact CVS100...250
Product or component type	Circuit breaker
Device short name	CVS100F
Device application	Distribution
Poles description	4P
Protected poles description	3D
Neutral position	Left
Earth-leakage protection	Without
[In] rated current	80 A at 40 °C
Breaking capacity code	F
Network type	AC
Breaking capacity	36 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 70 KA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2
Utilisation category	Category A
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	80 A at 40 °C
Protection type	Short-circuit protection (magnetic) Overload protection (thermal)

Complementary

Network frequency	50/60 Hz
Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
Connections - terminals	Screw connection
[Uimp] rated impulse withstand voltage	8 KV conforming to EN/IEC 60947-2
Thermal protection adjustment range	56...80 A
[Ics] rated service breaking capacity	18 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2 36 KA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 70 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

Connection pitch	35 Mm
Contact position indicator	Yes
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
Instantaneous pick-up adjustment type li	Fixed
Instantaneous pick-up adjustment range	640 A
Height	161 Mm
Width	140 Mm
Depth	86 Mm
Net weight	2.2 Kg

Environment

Electrical shock protection class	Class II
Standards	EN 60947-2 IEC 60947-2
Product certifications	IEC GOST
IP degree of protection	IP40
Pollution degree	3 conforming to IEC 60664-1
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 Weight	2.8 Kg
Package 1 Height	15.8 Cm
Package 1 width	9 Cm
Package 1 Length	13.8 Cm
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Weight	17.2 Kg
Package 2 Height	30 Cm
Package 2 width	30 Cm
Package 2 Length	40 Cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
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
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Product Life Status : **Commercialised**