



Main

Range of product	EasyPact CVS100...250
Product or component type	Circuit breaker
Device short name	CVS100B
Device application	Distribution
Poles description	4P
Protected poles description	3D 3D + N/2 4D
Neutral position	Left
Earth-leakage protection	Without
[In] rated current	100 A at 40 °C
Breaking capacity code	B
Network type	AC
Breaking capacity	40 KA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 25 KA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 20 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2
Utilisation category	Category A
Trip unit name	ETS 2.2
Trip unit technology	Electronic
Protection type	Short time short-circuit protection with fixed delay Overload protection (long time) Instantaneous short-circuit protection

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
[Ics] rated service breaking capacity	15 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2 25 KA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 40 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 9 settings
Long time pick-up adjustment range	18...40 A
Long time delay adjustment type	Fixed
[tr] long-time delay adjustment range	11 S at 7.2 x Ir 16 S at 6 x Ir 400 S at 1.5 x Ir
Short-time pick-up adjustment type Isd	Adjustable 9 settings
[Isd] short-time pick-up adjustment range	1.5...10 x Ir
Short-time delay adjustment type	Fixed
[tsd] short-time delay adjustment range	0.02 S
Instantaneous pick-up adjustment type li	Fixed
Instantaneous pick-up adjustment range	600 A
Height	161 Mm
Width	140 Mm
Depth	86 Mm
Net weight	2.81 Kg







Environment

Electrical shock protection class	Class II
Standards	EN 60947-2 IEC 60947-2
Product certifications	CCC CB
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	2.45 Kg
Package 1 Height	16.1 Cm
Package 1 width	10.5 Cm
Package 1 Length	8.6 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

Product Life Status : **Commercialised**