

# Product data sheet

Specifications



circuit breaker EasyPact CVS100B,  
25 kA at 415 VAC, ETS 2.2, 40A, 4P

LV510580

## Main

Range	EasyPact
Product name	EasyPact CVS
Device short name	CVS100B
Product or component type	Circuit breaker
Device application	Distribution
Poles description	4P
Protected poles description	3D 3D + N/2 4D
Earth leakage protection (Vigi add on)	Without
[In] rated current	100 A at 40 °C
Network type	AC
Utilisation category	Category A
[Icu] 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
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

[Uimp] rated impulse withstand voltage	8 kV conforming to EN/IEC 60947-2
Network frequency	50/60 Hz
Breaking capacity code	B
[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
Neutral position	Left
Mechanical durability	30000 cycles
Electrical durability	12000 cycles 415 V In conforming to IEC 60947-2

Control type	Toggle
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 Ii	Fixed
Instantaneous pick-up adjustment range	600 A
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	140 mm
Depth	86 mm
Height	161 mm
Net weight	2.81 kg

## Environment

Standards	EN 60947-2 IEC 60947-2
Product certifications	CCC CB
Electrical shock protection class	Class II
Pollution degree	3 conforming to IEC 60664-1
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	16.1 cm
Package 1 Width	10.5 cm
Package 1 Length	8.6 cm
Package 1 Weight	2.45 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Recommended replacement(s)