

# Product datasheet

Specifications



circuit breaker EasyPact  
CVS100BS, 25 kA at 415 VAC, 20  
A rating thermal magnetic TM-D trip  
unit, 4P 3d

LV510951

## Main

Range	EasyPact
Product name	EasyPact CVS
Device short name	CVS100BS
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	20 A at 40 °C
Network type	AC
Suitability for isolation	Yes
Utilisation category	Category A
[Icu] Breaking capacity	25 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 25 kA Icu at 415 V AC 50/60 Hz conforming to IEC 60947-2 50 kA Icu at 200/240 V AC 50/60 Hz conforming to IEC 60947-2 25 kA Icu at 380/400 V AC 50/60 Hz conforming to IEC 60947-2
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	20 A at 40 °C
Protection type	Instantaneous short-circuit protection Overload protection (long time)

## Complementary

[Uimp] rated impulse withstand voltage	8 kV conforming to EN/IEC 60947-2
Network frequency	50/60 Hz
Breaking capacity code	BS
[Ics] rated service breaking capacity	25 kA at 200/240 V AC 50/60 Hz conforming to IEC 60947-2 17 kA at 380/400 V AC 50/60 Hz conforming to IEC 60947-2
Neutral position	Left
Mechanical durability	13000 cycles
Electrical durability	4000 cycles 415 V In conforming to IEC 60947-2

Control type	Toggle
Thermal protection adjustment range	14...20 A
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 Ii	Fixed
Instantaneous pick-up adjustment range	300 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	100 mm
Depth	60 mm
Height	130 mm
Net weight	1 kg

## Environment

Standards	IEC 60947-2
Product certifications	CCS CCC GOST
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	9 cm
Package 1 Width	10.5 cm
Package 1 Length	14 cm
Package 1 Weight	1.03 kg
Unit Type of Package 2	S02

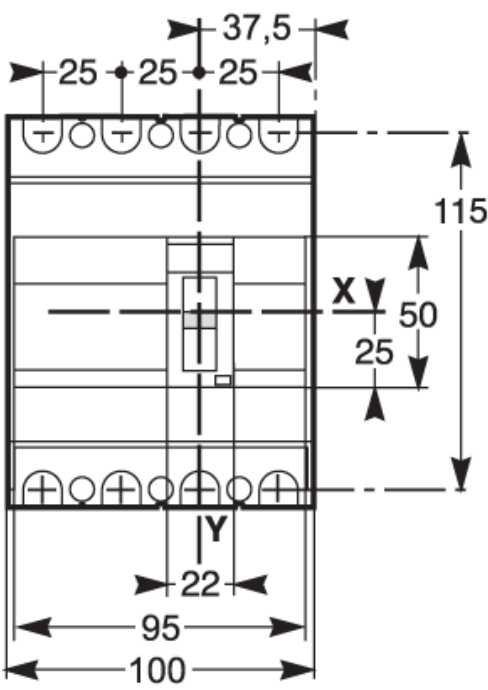
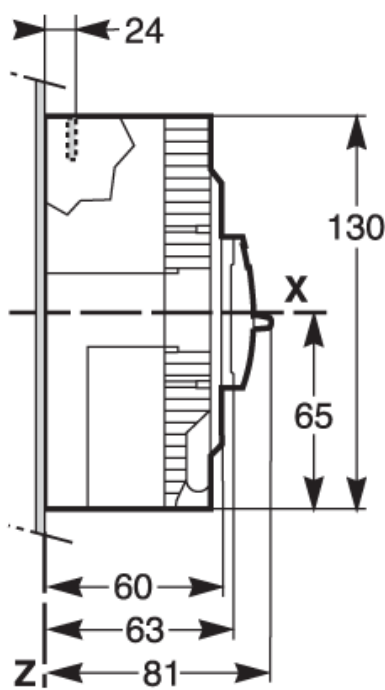
Number of Units in Package 2	9
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	9.75 kg
Unit Type of Package 3	P12
Number of Units in Package 3	288
Package 3 Height	10 cm
Package 3 Width	12.5 cm
Package 3 Length	5.5 cm
Package 3 Weight	321.64 kg

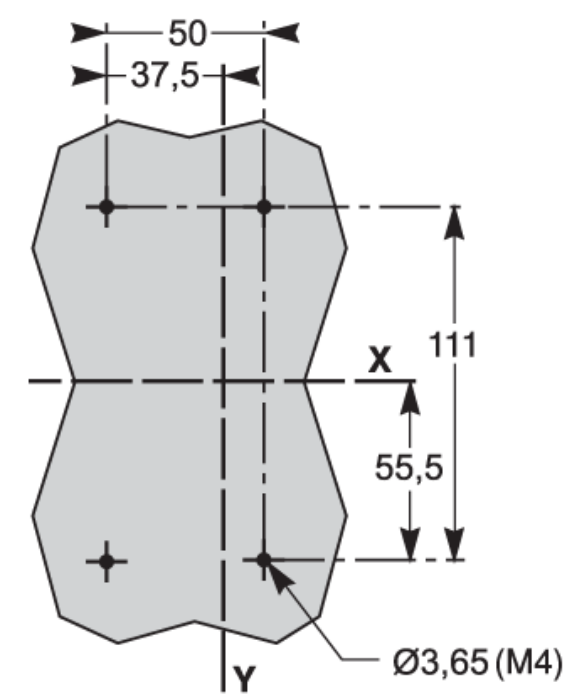
### Offer Sustainability

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

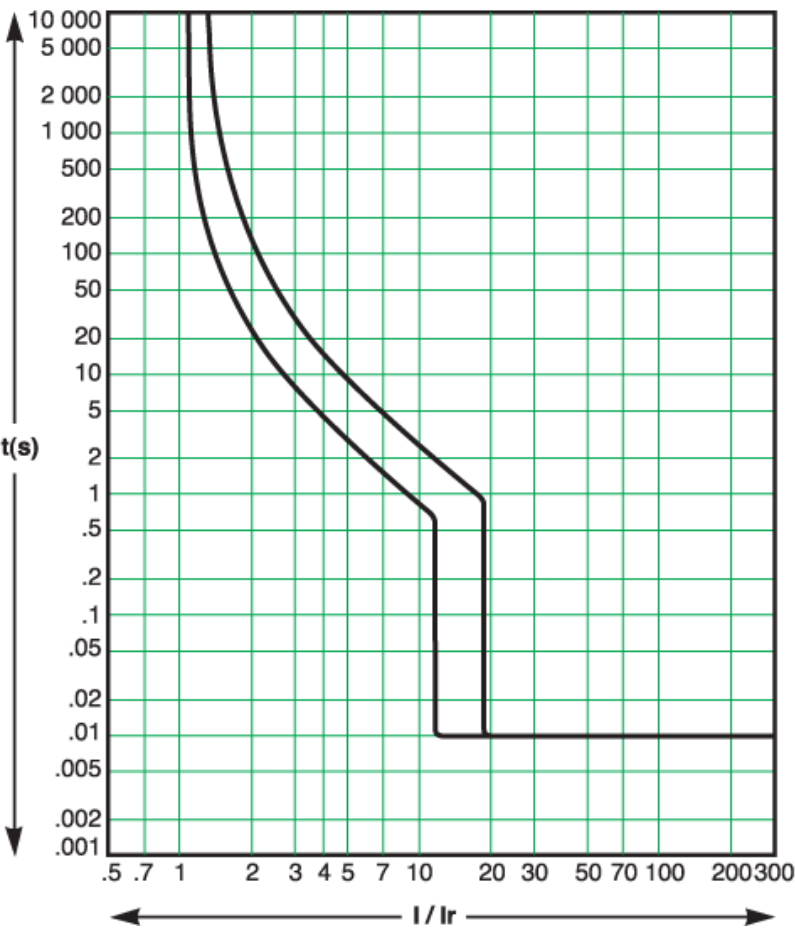
### Contractual warranty

Warranty	18 months
----------	-----------





20 A



Recommended replacement(s)