

# Product data sheet

Specifications



circuit breaker, EasyPact  
CVS100BS, 25kA at 415VAC, 40A,  
TM-D trip unit, 4P3d

LV510954

## 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	40 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	40 A at 40 °C
Protection Type	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	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	28...40 A

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Neutral Protection Setting	No protection (3D)
Long Time Pick-Up Adjustment Type I <sub>r</sub>	Adjustable
Long Time Pick-Up Adjustment Range	0.7...1 x I <sub>n</sub>
Long Time Delay Adjustment Type	Fixed
Instantaneous Pick-Up Adjustment Type I <sub>i</sub>	Fixed
Instantaneous Pick-Up Adjustment Range	500 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	9.614 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

## Contractual warranty

Warranty	18 months
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# Sustainability

**Green Premium™ label** is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.


[Learn more about Green Premium >](#)


[Guide to assess a product’s sustainability >](#)



Transparency   RoHS/REACH

## Well-being performance

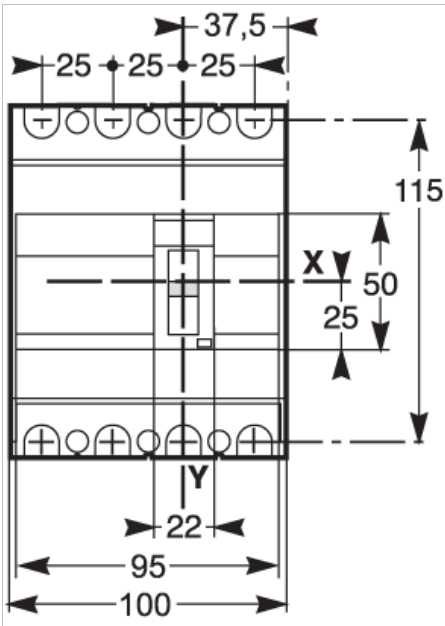
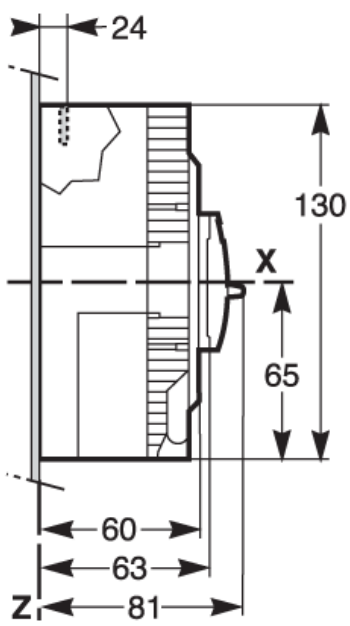
 Mercury Free

 Rohs Exemption Information   [Yes](#)

## Certifications & Standards

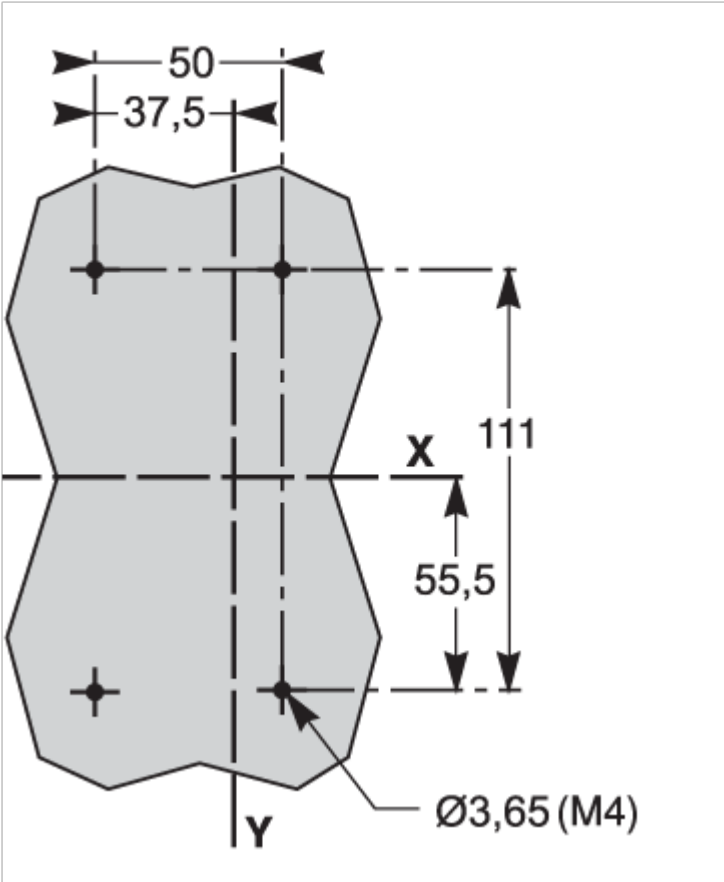
Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	No need of specific recycling operations <a href="#">Circularity Profile</a>

Dimensions Drawings



Assembly

4P



Performance Curves

40 A

