Product datasheet

Specifications

Green Premium™



circuit breaker EasyPact CVS100BS, 25 kA at 415 VAC, 40 A rating thermal magnetic TM-D trip unit, 3P 3d

LV510934

Main

Range	EasyPact	
Range of product	EasyPact CVS100160	
Product name	EasyPact CVS	
Device short name	CVS100BS	
Product or component type	Circuit breaker	
Device application	Distribution	
poles description	3P	
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 lcu at 440 V AC 50/60 Hz conforming to IEC 60947-2 25 kA lcu at 415 V AC 50/60 Hz conforming to IEC 60947-2 50 kA lcu at 200/240 V AC 50/60 Hz conforming to IEC 60947-2 25 kA lcu 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	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	
Mechanical durability	13000 cycles	
Electrical durability	4000 cycles 415 V In conforming to IEC 60947-2	
Control type	Toggle	
Thermal protection adjustment range	2840 A	

Long time pick-up adjustment type Ir	Adjustable	
Long time pick-up adjustment range	0.71 x In	
Long time delay adjustment type	Fixed	
Instantaneous pick-up adjustment type li	Fixed	
instantaneous pick-up adjustment range	500 A	
Contact position indicator	Yes	
Mounting support	Backplate	
Mounting mode	Fixed	
Upside connection	Front	
downside connection	Front	
Connections - terminals	Screw connection	
Connection pitch	35 mm	
Compatibility code	CVS100	
Width	75 mm	
Depth	60 mm	
Height	130 mm	
Net weight	0.78 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	-2570 °C
Ambient air temperature for storage	-5085 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.5 cm
Package 1 Width	8.0 cm
Package 1 Length	14.0 cm
Package 1 Weight	804.0 g
Unit Type of Package 2	S03
Number of Units in Package 2	12
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm

Package 2 Weight	19.783 kg
Unit Type of Package 3	P12
Number of Units in Package 3	384
Package 3 Height	75 cm
Package 3 Width	120 cm
Package 3 Length	80 cm
Package 3 Weight	167 kg

Sustainability Screen Premium

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

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

Yes

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency RoHS/REACh

Well-being performance

Mercury Free

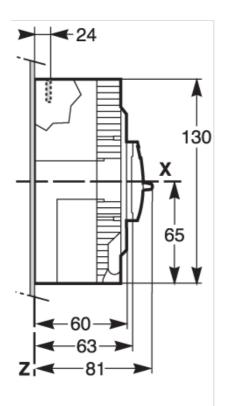
Rohs Exemption Information

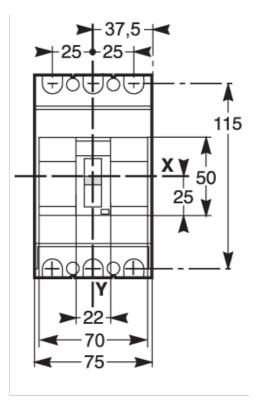
Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
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 Circularity Profile

Product datasheet

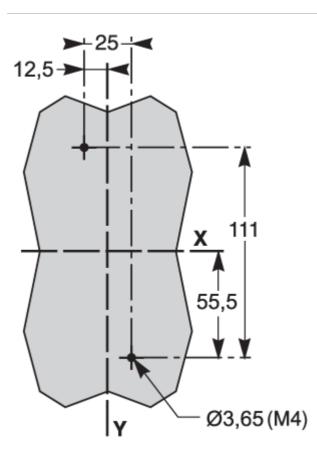
Dimensions Drawings





Assembly

3P



6

Performance Curves

