Product data sheet Characteristics

LV510307

circuit breaker EasyPact CVS100B, 25 kA at 415 VAC, 100 A rating thermal magnetic TM-D trip unit, 3P 3d





Main

Range of product	EasyPact CVS100250
Product or component type	Circuit breaker
Device short name	CVS100B
Device application	Distribution
Poles description	3P
Protected poles description	3D
Earth-leakage protection	Without
[In] rated current	100 A at 40 °C
Breaking capacity code	В
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	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	100 A at 40 °C
Protection type	Short-circuit protection (magnetic) Overload protection (thermal)

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
Thermal protection adjustment range	70100 A
[lcs] 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

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not interneted as a substitute for and is not to be used for determining suitability or reliability of these products by especific user applications. It is the douty of any sub user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or substitiaries shall be responsible or liable for misuse of the information contained herein.

Contact position indicator	Yes
Long time pick-up adjustment type Ir	Adjustable
Long time pick-up adjustment range	0.71 x ln
Long time delay adjustment type	Fixed
Instantaneous pick-up adjustment type li	Fixed
Instantaneous pick-up adjustment range	800 A
Height	161 Mm
Width	105 Mm
Depth	86 Mm
Net weight	1.8 Kg

Environment

FL (C) L L L (C) L	OL II
Electrical shock protection class	Class II
Standards	EN 60947-2
	IEC 60947-2
Product certifications	GOST
	IEC
IP degree of protection	IP40
Pollution degree	3 conforming to IEC 60664-1
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 Weight	1.665 Kg	
Package 1 Height	11 Cm	
Package 1 width	14 Cm	
Package 1 Length	19 Cm	

Offer Sustainability

Green Premium product
☑ REACh Declaration
Compliant EEU RoHS Declaration
Yes
₫Yes
☑ China RoHS Declaration
Product Environmental Profile
☑ End Of Life Information
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
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Product Life Status : Commercialised

