

LV510937

circuit breaker EasyPact CVS100BS, 25 kA at 415 VAC, 80 A rating thermal magnetic TM-D trip unit, 3P 3d



Main

Range of product	EasyPact CVS100...160
Product or component type	Circuit breaker
Device short name	CVS100BS
Device application	Distribution
Poles description	3P
Protected poles description	3D
Earth leakage protection (Vigi add on)	Without
[In] rated current	100 A at 40 °C
Breaking capacity code	BS
Network type	AC
[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
Utilisation category	Category A
Suitability for isolation	Yes
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	80 A at 40 °C
Protection type	Overload protection (long time) Instantaneous short-circuit protection

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	56...80 A
[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
Connection pitch	35 mm
Contact position indicator	Yes
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 li	Fixed

Instantaneous pick-up adjustment range	640 A
Height	130 mm
Width	75 mm
Depth	60 mm
Net weight	0.78 kg



Environment

Electrical shock protection class	Class II
Standards	IEC 60947-2
Product certifications	GOST CCC CCS
IP degree of protection	IP40
Pollution degree	3 conforming to IEC 60664-1
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 Weight	822 g
Package 1 Height	9.5 cm
Package 1 width	8 cm
Package 1 Length	14 cm
Unit Type of Package 2	S02
Number of Units in Package 2	12
Package 2 Weight	10 kg
Package 2 Height	15 cm
Package 2 width	30 cm
Package 2 Length	40 cm
Unit Type of Package 3	S03
Number of Units in Package 3	24
Package 3 Weight	20.215 kg
Package 3 Height	30 cm
Package 3 width	30 cm
Package 3 Length	40 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	 End Of Life Information
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
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