# Product data sheet Characteristics

## LV510736

circuit breaker EasyPact CVS160B, 25 kA at 415 VAC, 80 A rating thermal magnetic TM-G trip unit, 3P 3d





#### Main

Range of product	Easypact CVS100160
Product or component type	Circuit breaker
Device short name	CVS160B
Device application	Distribution
Poles description	3P
Protected poles description	3d
Earth-leakage protection	With
[In] rated current	160 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-G
Trip unit technology	Thermal-magnetic
Trip unit rating	80 A at 40 °C
Protection type	Overload protection (thermal) Short-circuit protection (magnetic)

#### Complementary

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	5680 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	25000 Cycles
Electrical durability	12000 Cycles 415 V In conforming to IEC 60947-2
Connection pitch	35 Mm

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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
Height	161 Mm
Width	105 Mm
Depth	86 Mm
Net weight	1.8 Kg

#### Environment

Electrical shock protection class	Class II Class II Class II Class II
Standards	IEC 60947-2
Product certifications	GOST CCS CCC
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

#### Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	☑ REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Compliant EEU 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

Product Life Status : Commercialised

