Product data sheet
Characteristics

LV516343
circuit breaker EasyPact CVS160F, 36kA at 415VAC, 160A TMD trip unit, 4P 3d



Main

Range	EasyPact
Range of product	EasyPact CVS100...250
Product name	EasyPact CVS
Device short name	CVS160F
Product or component type	Circuit breaker
Device application	Distribution
Poles description	4P
Protected poles description	3D
Earth-leakage protection	Without
[In] rated current	160 A at 40 °C
Network type	AC
Utilisation category	Category A
Breaking capacity	36 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 70 KA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	160 A at 40 °C
Protection type	Short-circuit protection (magnetic) Overload protection (thermal)

Complementary

[Uimp] rated impulse withstand voltage	8 KV conforming to EN/IEC 60947-2
Network frequency	50/60 Hz
Breaking capacity code	F
[Ics] rated service breaking capacity	18 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2 36 KA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 70 KA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2
Neutral position	Left
Mechanical durability	25000 Cycles
Electrical durability	12000 Cycles 415 V In conforming to IEC 60947-2
Control type	Toggle
Thermal protection adjustment range	112…160 A
Neutral protection setting	No protection (3D)
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 Ii	Fixed

Instantaneous pick-up adjustment range	1250 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	CVS160
Width	140 Mm
Depth	86 Mm
Height	161 Mm
Net weight	1.9 Kg

Environment

Standards	IEC 60947-2 EN 60947-2
Product certifications	GOST[RETURN]IEC
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	13.200 Cm
Package 1 Width	14.500 Cm
Package 1 Length	19.000 Cm
Package 1 Weight	2.235 Kg
Unit Type of Package 2	S04
Number of Units in Package 2	9
Package 2 Height	30.000 Cm
Package 2 Width	40.000 Cm
Package 2 Length	60.000 Cm
Package 2 Weight	21.470 Kg

Offer Sustainability

Recyclability potential, in %	57
Total lifecycle Carbon footprint	324 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	15.727210734632335
Carbon footprint of the manufacturing phase [A1 to A3]	16 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.6983803060482038
Carbon footprint of the distribution phase [A4]	0.7 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.05125755884444803
Carbon footprint of the installation phase [A5]	0.1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	303.3177824561404
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	303 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	4.253595237703241
Carbon footprint of the end-of-life phase [C1 to C4]	4 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Total lifecycle Carbon footprint	324
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No, we have minimized the use of plastic in the packaging in compliance with regulations and c
REACh Regulation	Free of Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
End of life manual availability	End Of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection a

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised