Product data sheet
Characteristics

LV525453
circuit breaker EasyPact CVS250N, 50kA at 415VAC, 250A rating thermal magnetic TM-D trip unit, 3P 3d



Main

Range	EasyPact
Range of product	EasyPact CVS100...250
Product name	EasyPact CVS
Device short name	CVS250N
Product or component type	Circuit breaker
Device application	Distribution
Poles description	3P
Protected poles description	3D
Earth-leakage protection	Without
[In] rated current	250 A at 40 °C
Network type	AC
Utilisation category	Category A
Breaking capacity	50 KA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 40 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 80 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	250 A at 40 °C
Protection type	Overload protection (thermal) Short-circuit protection (magnetic)

Complementary

[Uimp] rated impulse withstand voltage	8 KV conforming to EN/IEC 60947-2
Network frequency	50/60 Hz
Breaking capacity code	N
[Ics] rated service breaking capacity	30 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2 50 KA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 80 KA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical durability	20000 Cycles
Electrical durability	10000 Cycles 415 V In conforming to IEC 60947-2
Control type	Toggle
Thermal protection adjustment range	0…250 A
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
Short-time delay adjustment type	Fixed
Instantaneous pick-up adjustment type Ii	Fixed

Instantaneous pick-up adjustment range	2500 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	CVS250
Width	105 Mm
Depth	86 Mm
Height	161 Mm
Net weight	1.7 Kg

Environment

Standards	IEC 60947-2 EN 60947-2
Product certifications	IEC[RETURN]GOST
Electrical shock protection class	Class II
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	13.500 Cm
Package 1 Width	11.500 Cm
Package 1 Length	19.200 Cm
Package 1 Weight	1.945 Kg
Unit Type of Package 2	S04
Number of Units in Package 2	10
Package 2 Height	30.000 Cm
Package 2 Width	40.000 Cm
Package 2 Length	60.000 Cm
Package 2 Weight	20.290 Kg
Unit Type of Package 3	P12
Number of Units in Package 3	160
Package 3 Height	120.000 Cm
Package 3 Width	80.000 Cm
Package 3 Length	120.000 Cm
Package 3 Weight	338.640 Kg

Offer Sustainability

Recyclability potential, in %	57
Total lifecycle Carbon footprint	321 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	13.694658621424345
Carbon footprint of the manufacturing phase [A1 to A3]	14 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.6081230830203912
Carbon footprint of the distribution phase [A4]	0.6 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.04463313819509877
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	302.9407894736842
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]	3.7038694067848015
Carbon footprint of the end-of-life phase [C1 to C4]	4 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	321
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
SCIP Number	49bf38c5-56a0-475d-90bd-a88ef3d2ace2
REACh Regulation	Reference contains 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