Product data sheet
Characteristics

LV525510
circuit breaker, EasyPact CVS250N, 50kA at 415VAC, ETS 2.2, 250A, 4P



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	4P
Protected poles description	3D 3D + N/2 4D
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	ETS 2.2
Trip unit technology	Electronic
Protection type	Short time short-circuit protection with fixed delay Overload protection (long time) Instantaneous short-circuit protection

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
Neutral position	Left
Mechanical durability	20000 Cycles
Electrical durability	10000 Cycles 415 V In conforming to IEC 60947-2
Control type	Toggle
Neutral protection setting	No protection (3D)
Long time pick-up adjustment type Ir	Adjustable 9 settings
Long time pick-up adjustment range	100...250 A
Long time delay adjustment type	Fixed

[tr] long-time delay adjustment range	11 S at 7.2 x Ir 16 S at 6 x Ir 400 S at 1.5 x Ir
Short-time pick-up adjustment type Isd	Adjustable 9 settings
[Isd] short-time pick-up adjustment range	1.5...10 x Ir
Short-time delay adjustment type	Fixed
[tsd] short-time delay adjustment range	0.02 S
Instantaneous pick-up adjustment type Ii	Fixed
Instantaneous pick-up adjustment range	3000 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	140 Mm
Depth	86 Mm
Height	161 Mm
Net weight	3.19 Kg

Environment

Standards	EN 60947-2 IEC 60947-2
Product certifications	CCC[RETURN]CB
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	16.100 Cm
Package 1 Width	14.000 Cm
Package 1 Length	8.600 Cm
Package 1 Weight	2.608 Kg
Unit Type of Package 2	S03
Number of Units in Package 2	4
Package 2 Height	30.000 Cm
Package 2 Width	30.000 Cm
Package 2 Length	40.000 Cm
Package 2 Weight	10.852 Kg
Unit Type of Package 3	P12
Number of Units in Package 3	32
Package 3 Height	45.000 Cm
Package 3 Width	80.000 Cm
Package 3 Length	120.000 Cm
Package 3 Weight	98.816 Kg

Offer Sustainability

Recyclability potential, in %	54
Total lifecycle Carbon footprint	898 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	21.266438199422232
Carbon footprint of the manufacturing phase [A1 to A3]	21 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.789520706489761
Carbon footprint of the distribution phase [A4]	0.8 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.283453707548353
Carbon footprint of the installation phase [A5]	0.3 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	871.2933333333335
Carbon footprint of the use phase [B2, B3, B4, B6]	871 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	4.6438983184837
Carbon footprint of the end-of-life phase [C1 to C4]	5 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	898
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