Product data sheet
Characteristics

LV540510
circuit breaker, EasyPact CVS400N, 50kA at 415VAC, 400A, ETS 2.3 electronic trip unit, 3P3d



Main

Range	EasyPact
Range of product	EasyPact CVS400...630
Product name	EasyPact CVS
Device short name	CVS400N
Product or component type	Circuit breaker
Device application	Distribution
Poles description	3P
Protected poles description	3D
Earth-leakage protection	Without
[In] rated current	400 A at 40 °C
Network type	AC
Utilisation category	Category A
Breaking capacity	70 KA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 50 KA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 42 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2
Trip unit name	ETS 2.3
Trip unit technology	Electronic
Trip unit rating	400 A at 40 °C
Protection type	Short time short-circuit protection 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	70 KA at 220/240 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 32 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical durability	15000 Cycles
Electrical durability	6000 Cycles 415 V In conforming to IEC 60947-2
Trip unit protection functions	LSoI
Control type	Toggle
Long time pick-up adjustment type Ir	Adjustable 9 settings
Long time pick-up adjustment range	160…400 A
Long time delay adjustment type	Fixed

[tr] long-time delay adjustment range	5.5 S at 7.2 x Ir 8 S at 6 x Ir 200 S at 1.5 x Ir
Thermal memory	Yes
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
Instantaneous pick-up adjustment type Ii	Fixed
Instantaneous pick-up adjustment range	11 x In
Contact position indicator	Yes
Mounting support	Backplate
Mounting mode	Fixed
Upside connection	Front
Downside connection	Front
Connections - terminals	Screw connection
Connection pitch	45 Mm
Compatibility code	CVS400
Width	140 Mm
Depth	110 Mm
Height	255 Mm
Net weight	4.7 Kg

Environment

Standards	EN 60947-2 IEC 60947-2
Product certifications	IEC[RETURN]GOST
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	15.262 Cm
Package 1 Width	15.794 Cm
Package 1 Length	29.215 Cm
Package 1 Weight	5.151 Kg
Unit Type of Package 2	CAR
Number of Units in Package 2	3
Package 2 Height	23.0 Cm
Package 2 Width	38.3 Cm
Package 2 Length	50.8 Cm
Package 2 Weight	16.781 Kg
Unit Type of Package 3	PAL
Number of Units in Package 3	48
Package 3 Height	90.0 Cm
Package 3 Width	80.0 Cm
Package 3 Length	120.0 Cm
Package 3 Weight	282840.0 G

Offer Sustainability

Recyclability potential, in %	53
Total lifecycle Carbon footprint	868 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	31.0695379405451
Carbon footprint of the manufacturing phase [A1 to A3]	31 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.6209174755143422
Carbon footprint of the distribution phase [A4]	0.6 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.6656779915400513
Carbon footprint of the installation phase [A5]	0.7 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	825.84
Carbon footprint of the use phase [B2, B3, B4, B6]	826 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	9.844393267017661
Carbon footprint of the end-of-life phase [C1 to C4]	10 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	868
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	C622fd85-96e4-4086-85a0-8be61a4b5d6b
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