Product data sheet
Characteristics

LV563506
circuit breaker, EasyPact CVS630F, 36kA at 415VAC, 630A, ETS 2.3 electronic trip unit, 4P3d



Main

Range	EasyPact
Range of product	EasyPact CVS400...630
Product name	EasyPact CVS
Device short name	CVS630F
Product or component type	Circuit breaker
Device application	Distribution
Poles description	4P
Protected poles description	4D 3D + N/2 3D
Earth-leakage protection	Without
[In] rated current	630 A at 40 °C
Network type	AC
Utilisation category	Category A
Breaking capacity	40 KA Icu at 220/240 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 30 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	630 A at 40 °C
Protection type	Overload protection (long time) Instantaneous short-circuit protection Short time 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	F
[Ics] rated service breaking capacity	40 KA at 220/240 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 23 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2
Neutral position	Left
Mechanical durability	15000 Cycles
Electrical durability	4000 Cycles 415 V In conforming to IEC 60947-2
Trip unit protection functions	LSoI
Control type	Toggle
Neutral protection setting	1 x Ir (4D) 0.5 x Ir (3D + N/2)

Long time pick-up adjustment type Ir	Adjustable 9 settings
Long time pick-up adjustment range	250...630 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	CVS630
Width	185 Mm
Depth	110 Mm
Height	255 Mm
Net weight	7.1 Kg

Environment

Standards	EN 60947-2 IEC 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	15.200 Cm
Package 1 Width	20.400 Cm
Package 1 Length	29.200 Cm
Package 1 Weight	7.325 Kg
Unit Type of Package 2	S04
Number of Units in Package 2	3
Package 2 Height	30.000 Cm
Package 2 Width	40.000 Cm
Package 2 Length	60.000 Cm
Package 2 Weight	23.300 Kg
Unit Type of Package 3	P12
Number of Units in Package 3	12
Package 3 Height	42.000 Cm
Package 3 Width	80.000 Cm
Package 3 Length	120.000 Cm
Package 3 Weight	101.900 Kg

Offer Sustainability

Recyclability potential, in %	62
Total lifecycle Carbon footprint	2 259 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	55.4936188030173
Carbon footprint of the manufacturing phase [A1 to A3]	55 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	1.245150231665455
Carbon footprint of the distribution phase [A4]	1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.0781581672909588
Carbon footprint of the installation phase [A5]	0.1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	2185.3490367866175
Carbon footprint of the use phase [B2, B3, B4, B6]	2 185 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	16.88512385543037
Carbon footprint of the end-of-life phase [C1 to C4]	17 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	2259
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