Product data sheet
Characteristics

LV540520
circuit breaker EasyPact Vigi CVS400F, 36 kA at 415 VAC, 400 A rating ETS 2.3 electronic trip unit, MB Vigi module, 3P 3d



⚠ End of Commercialisation

Commercial status
End of Commercialisation :

Main

Range	EasyPact
Range of product	EasyPact CVS400...630
Product name	EasyPact CVS
Device short name	Vigi CVS400F
Product or component type	Earth leakage circuit breaker
Device application	Distribution
Poles description	3P
Protected poles description	3D
Earth-leakage protection	With
[In] rated current	400 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	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	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
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
Earth-leakage add-on module name	MB
Earth-leakage protection class	Class A Class AC
Residual earth-leakage sensitity adjustment type	Adjustable 5 settings
[IΔn] residual earth-leakage sensitive adjustment	0.3 A 1 A 3 A 10 A 30 A
Residual earth-leakage time delay adjustment type	Adjustable 4 settings
[Δt] residual earth-leakage time delay adjustment	0 Ms 40 ms 60 Ms 140 ms 150 Ms 300 ms 300 Ms 800 ms
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	355 Mm
Net weight	4.7 Kg

Environment

Standards	IEC 60947-2 EN 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	24.4 Cm
Package 1 Width	16.0 Cm
Package 1 Length	30.0 Cm
Package 1 Weight	6.039 Kg

Offer Sustainability

Recyclability potential, in %	58
Total lifecycle Carbon footprint	965 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	48.09394229152872
Carbon footprint of the manufacturing phase [A1 to A3]	48 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.9611462292208311
Carbon footprint of the distribution phase [A4]	1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	1.0304330553976138
Carbon footprint of the installation phase [A5]	1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	899.248
Carbon footprint of the use phase [B2, B3, B4, B6]	899 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	15.23858135853419
Carbon footprint of the end-of-life phase [C1 to C4]	15 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	965
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
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

Product Life Status : End of commerc. - Block