Product data sheet
Characteristics

LV510840
circuit breaker, EasyPacT CVS, CVS100BS with TMD trip unit, 50A, 3P 3D



⚠ End of Commercialisation

Commercial status
End of Commercialisation :

Main

Product or component type	Circuit breaker
Device short name	CVS100BS
Device application	Distribution
Poles description	3P
Protected poles description	3D
Earth-leakage protection	Without
[In] rated current	50 A at 40 °C
Breaking capacity code	BS
Network type	AC
[Ue] rated operational voltage	440 V AC 50/60 Hz conforming to EN/IEC 60947-2
Breaking capacity	50 KA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 25 KA at 380/415 V 20 KA at 440 V
Utilisation category	Category A
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	50 A at 40 °C
Protection type	Overload protection (thermal)

Complementary

Network frequency	50/60 Hz
Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
[Ui] rated insulation voltage	690 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	6 KV conforming to EN/IEC 60947-2
[Ics] rated service breaking capacity	17 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical durability	13000 Cycles
Electrical durability	4000 Cycles 415 V AC 50/60 Hz In conforming to IEC 60947-2 8000 Cycles In/2
Long time pick-up adjustment type Ir	Fixed
Long time delay adjustment type	Fixed
Height	130 Mm
Width	75 Mm

Depth	60 Mm
Net weight	0.78 Kg

Environment

Standards	EN 60947-2
Pollution degree	3 conforming to IEC 60947-1

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	11.5 Cm
Package 1 Width	10 Cm
Package 1 Length	15.5 Cm
Package 1 Weight	800 G
Unit Type of Package 2	S04
Number of Units in Package 2	24
Package 2 Height	30 Cm
Package 2 Width	40 Cm
Package 2 Length	60 Cm
Package 2 Weight	21.59 Kg
Unit Type of Package 3	PAL
Number of Units in Package 3	144
Package 3 Height	104 Cm
Package 3 Width	59.5 Cm
Package 3 Length	79.5 Cm
Package 3 Weight	129.02 Kg

Offer Sustainability

Recyclability potential, in %	51
Total lifecycle Carbon footprint	301 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	13.796365796882014
Carbon footprint of the manufacturing phase [A1 to A3]	14 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.23914192865529108
Carbon footprint of the distribution phase [A4]	0.2 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.21910125313787382
Carbon footprint of the installation phase [A5]	0.2 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	284.0110559610706
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	284 kg CO2 eq.
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	3.1887037990118072
Carbon footprint of the end-of-life phase [C1 to C4]	3 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	301
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
REACh Regulation	Free of Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
End of life manual availability	No need of specific recycling operations
Take-back	No

Contractual warranty

Warranty (in months)	18

Product Life Status :	End of commerc. - Block