



Main

Range	EasyPact
Range of product	EasyPact CVS
Product or component type	Circuit breaker
Device short name	CVS800N
Device application	Low voltage electrical distribution
Poles description	3P
Protected poles description	3D

Complementary

[Ue] rated operational voltage	440 V AC 50/60 Hz
[In] rated current	800 A at 50 °C
Network type	AC
Network frequency	50/60 Hz
[Ui] rated insulation voltage	800 V AC conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	8 KV conforming to IEC 60947-3
Power dissipation per pole	15 W
Protection type	L : for overload protection (long time) I : for instantaneous short-circuit protection
Breaking capacity code	N 50 kA 415 V AC
Local signalling	4 LEDs (red) for fault indication 1 LED (yellow) for overload
Auxiliary contact composition	1 NO/NC
Earth-leakage protection	Without
Control type	Rotary handle Toggle
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 45 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2
Utilisation category	Category A
[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 45 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical durability	5000 Cycles
Electrical durability	3000 Cycles at 415 V In 2000 Cycles at 440 V In
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Connection pitch	70 Mm
Mounting mode	Fixed
Mounting support	Backplate

Upside connection	Front
Downside connection	Front
Trip unit name	ETS 2.0
Trip unit technology	Electronic
Trip unit protection functions	LI
Trip unit rating	800 A at 50 °C
Long time pick-up adjustment type Ir	Adjustable
Long time pick-up adjustment range	0.4...1 x In
Long time delay adjustment type	Adjustable 9 settings
[tr] long-time delay adjustment range	12.5...600 S at 1.5 x Ir 0.5...24 S at 6 x Ir 0.7...16.6 S at 7.2 x Ir
Thermal memory	20 mn
Instantaneous pick-up adjustment type li	Adjustable
Instantaneous pick-up adjustment range	1.5...10 x Ir
Zone selective interlocking ZSI	Without
Net weight	14 Kg

Environment

IP degree of protection	IP40 conforming to IEC 60529
IK degree of protection	IK07 conforming to IEC 62262
Relative humidity	0...95 %
Operating altitude	0...2000 m without derating 2000...5000 m with derating
Height	327 Mm
Width	210 Mm
Depth	147 Mm
Standards	EN/IEC 60947-2
Product certifications	CCC[RETURN]CB[RETURN]CE
Pollution degree	3 conforming to IEC 60664-1
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	30.000 Cm
Package 1 Width	40.000 Cm
Package 1 Length	60.000 Cm
Package 1 Weight	14.800 Kg
Unit Type of Package 2	P12
Number of Units in Package 2	8
Package 2 Height	90.000 Cm
Package 2 Width	80.000 Cm
Package 2 Length	120.000 Cm
Package 2 Weight	118.400 Kg

Offer Sustainability

Recyclability potential, in %	88
Total lifecycle Carbon footprint	1 940 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	76.24796941184994
Carbon footprint of the manufacturing phase [A1 to A3]	76 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	1.278132339867529
Carbon footprint of the distribution phase [A4]	1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.04577103253892621
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.

Carbon footprint of the use phase [B2, B3, B4, B6]	1843.52979840618
Carbon footprint of the use phase [B2, B3, B4, B6]	1 844 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	18.74696574867448
Carbon footprint of the end-of-life phase [C1 to C4]	19 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	1940
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 o
SCIP Number	5d7e450e-2eaa-45de-99ac-d38bde683aaf
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
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Product Life Status : **Commercialised**