

Product datasheet

Specifications



Circuit breaker, EasyPact CVS630N, 50kA at 415VAC, 630A, TMD trip unit, 4P 3d, 50 degrees

LV563423

Main

Range	EasyPact
Range of product	EasyPact CVS400...630
Product name	EasyPact CVS
Device short name	CVS630N
Product or component type	Circuit breaker
Device application	Distribution
Poles description	4P
Protected poles description	4D
Earth leakage protection (Vigi add on)	Without
[In] rated current	630 A at 50 °C
Network type	AC
Utilisation category	Category A
[Icu] 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	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	630 A at 50 °C
Protection type	Overload protection (thermal) Short-circuit protection (magnetic)

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
Neutral position	Left
Mechanical durability	15000 cycles
Electrical durability	4000 cycles 415 V In conforming to IEC 60947-2
Control type	Toggle
Neutral protection setting	1 x Ir (4D)
Long time pick-up adjustment type Ir	Adjustable

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Long time pick-up adjustment range	0.7...1 x In
Long time delay adjustment type	Fixed
Short-time delay adjustment type	Fixed
Instantaneous pick-up adjustment type II	Adjustable
Instantaneous pick-up adjustment range	5...10 x In
Contact position indicator	Yes
Mounting support	Backplate
Mounting mode	Fixed
Upside connection	Front
Downside connection	Front
Connection pitch	45 mm
Compatibility code	CVS630
Width	185 mm
Depth	110 mm
Height	255 mm

Environment

Standards	IEC 60947-2 EN 60947-2
Product certifications	IEC
Electrical shock protection class	Class II
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	25.5 cm
Package 1 Width	18.5 cm
Package 1 Length	11 cm
Package 1 Weight	8.6 kg

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Total lifecycle Carbon footprint	2 121 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	55 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	2 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.8 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	2 047 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	15 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

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 considering quality and safety standards
SCIP Number	B215bb6c-87a6-4650-9da5-d26b289c9b87
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	58
End of life manual availability	End of Life Information
Take-back	No

Technical Illustration

Dimensions



Offer Marketing Illustration

Product benefits / Features



EasyPact CVS
Range Accessories



Cable connectors



Terminal extension - Spreader



Terminal extension



Auxiliary contact



Terminal shield



Interphase barriers



Direct rotary handle



Extended rotary handle



Earth leakage protection

Offer Marketing Illustration

Product benefits / Features

EasyPact CVS
Technical Benefits



- MCCB with adjustable setting, rated from 16 to 630A in 3 standard sizes
- Breaking capacity from 25 to 50kA at 400/415V, 3 and 4 pole versions
- Vast range of protection options, thermal-magnetic, electronic and earth leakage
- Deliver a high level of performance and cost-saving functionality
- Coordinated with selectivity and cascading for ACBs, MCCBs, MCBs

Offer Marketing Illustration

Product benefits / Features

EasyPact CVS
Moulded Case Circuit Breaker



Safe

Unlock unparalleled safety and control with our wire's unique ability to safely isolate and replace auxiliaries, even with an energized circuit breaker.



Reliable

It meets IEC 60947-2 standards for quality, high endurance, and fault current limitation technology, providing superior safety and protection.



Simple

Effortless retrofitting and seamless upgrades for enhanced flexibility and performance.

