

# Product datasheet

Specifications



## EasyPact CVS - CVS630F circuit breaker - 4P/4d

LV563516

### Main

Range	EasyPact
Product name	EasyPact CVS
Device short name	CVS630F
Product or component type	Circuit breaker
Device application	Distribution
Poles description	4P
Protected poles description	3D + N/2 3D 4D
Earth leakage protection (Vigi add on)	Without
[In] rated current	630 A at 40 °C
Network type	AC
Utilisation category	Category A
[Icu] Breaking capacity	60 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 70 kA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 100 kA Icu at 220/240 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	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
Neutral position	Left
Mechanical durability	15000 cycles

<b>Electrical durability</b>	4000 cycles 415 V In conforming to IEC 60947-2
<b>Trip unit protection functions</b>	LSol
<b>Control type</b>	Toggle
<b>Neutral protection setting</b>	No protection (3D) 1 x Ir (4D) 0.5 x Ir (3D + N/2)
<b>Long time pick-up adjustment type Ir</b>	Adjustable 9 settings
<b>Long time pick-up adjustment range</b>	250...630 A
<b>Long time delay adjustment type</b>	Fixed
<b>[Tr] long-time delay adjustment range</b>	5.5 s at 7.2 x Ir 8 s at 6 x Ir 200 s at 1.5 x Ir
<b>Thermal memory</b>	Yes
<b>Short-time pick-up adjustment type Isd</b>	Adjustable 9 settings
<b>[Isd] short-time pick-up adjustment range</b>	1.5...10 x Ir
<b>Short-time delay adjustment type</b>	Fixed
<b>Instantaneous pick-up adjustment type Ii</b>	Fixed
<b>Instantaneous pick-up adjustment range</b>	11 x In
<b>Contact position indicator</b>	Yes
<b>Mounting mode</b>	Fixed
<b>Mounting support</b>	Backplate
<b>Upside connection</b>	Front
<b>Downside connection</b>	Front
<b>Connections - terminals</b>	Screw connection
<b>Connection pitch</b>	45 mm
<b>Compatibility code</b>	CVS630
<b>Width</b>	185 mm
<b>Depth</b>	110 mm
<b>Height</b>	255 mm

## Environment

<b>Standards</b>	EN 60947-2 IEC 60947-2
<b>Product certifications</b>	IEC GOST
<b>Electrical shock protection class</b>	Class II
<b>IP degree of protection</b>	IP40
<b>Ambient air temperature for operation</b>	-25...70 °C
<b>Ambient air temperature for storage</b>	-50...85 °C

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	19.5 cm
Package 1 Width	28.7 cm
Package 1 Length	15.8 cm
Package 1 Weight	7.33 kg
Unit Type of Package 2	S03
Number of Units in Package 2	1
Package 2 Height	30 cm
Package 2 Width	40 cm
Package 2 Length	60 cm
Package 2 Weight	7.887 kg
Unit Type of Package 3	P12
Number of Units in Package 3	24
Package 3 Height	1500 cm
Package 3 Width	800 cm
Package 3 Length	1200 cm
Package 3 Weight	201.288 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Contractual warranty

Warranty	18 months
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## Recommended replacement(s)