

# Product datasheet

Specifications



Circuit breaker EasyPact CVS630F/  
N/H, 36/50/70 kA at 415VAC, 630 A  
rating thermal magnetic TM-D trip  
unit, 3P 3d

GEX84260

**Price: 5,474.75 ZAR**

## Main

Range	EasyPact
Range of product	EasyPact CVS400...630
Product name	EasyPact CVS
Device short name	CVS630F CVS630N CVS630H
Product or component type	Circuit breaker
Device application	Distribution
Poles description	3P
Protected poles description	3D
Earth leakage protection (Vigi add on)	Without
[In] rated current	630 A at 40 °C
[Ue] rated operational voltage	440 V
Network type	AC
Suitability for isolation	Yes conforming to IEC 60947-2
Utilisation category	Category A
[Icu] Breaking capacity	40 kA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 70 kA Icu at 220/240 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 36 kA Icu at 380/415 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 70 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 42 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 65 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 40 °C
Protection type	Short-circuit protection (magnetic) Overload protection (thermal)

## Complementary

[Ui] rated insulation voltage	690 V
[Uimp] rated impulse withstand voltage	8 kV conforming to EN/IEC 60947-2
Network frequency	50/60 Hz

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

<b>Breaking capacity code</b>	F H N
<b>[Ics] rated service breaking capacity</b>	40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 70 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 100 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 50 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 70 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 32 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 49 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2
<b>Mechanical durability</b>	15000 cycles
<b>Electrical durability</b>	4000 cycles 415 V In conforming to IEC 60947-2
<b>Trip unit protection functions</b>	LI
<b>Control type</b>	Toggle
<b>Thermal protection adjustment range</b>	441...630 A
<b>Long time pick-up adjustment type Ir</b>	Adjustable
<b>Long time pick-up adjustment range</b>	0.7...1 x In
<b>Long time delay adjustment type</b>	Fixed
<b>Short-time delay adjustment type</b>	Fixed
<b>Instantaneous pick-up adjustment type li</b>	Adjustable
<b>Instantaneous pick-up adjustment range</b>	5...10 x In
<b>Contact position indicator</b>	Yes
<b>Mounting support</b>	Backplate
<b>Mounting mode</b>	Fixed
<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>	140 mm
<b>Depth</b>	110 mm
<b>Height</b>	255 mm
<b>Net weight</b>	6.5 kg

## Environment

<b>Standards</b>	EN 60947-2 IEC 60947-2
<b>Product certifications</b>	IEC CCC
<b>Electrical shock protection class</b>	Class II
<b>Pollution degree</b>	3 conforming to IEC 60664-1
<b>IP degree of protection</b>	IP40
<b>IK degree of protection</b>	IK07 conforming to EN 50102
<b>Ambient air temperature for operation</b>	-25...70 °C

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Ambient air temperature for storage -50...85 °C

## Packing Units

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Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	9.500 cm
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Package 1 Width	13.000 cm
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Package 1 Length	14.000 cm
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Package 1 Weight	1.150 kg
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Unit Type of Package 2	S03
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Number of Units in Package 2	8
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Package 2 Height	30.000 cm
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Package 2 Width	30.000 cm
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Package 2 Length	40.000 cm
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Package 2 Weight	9.620 kg
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Unit Type of Package 3	P06
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Number of Units in Package 3	64
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Package 3 Height	75.000 cm
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Package 3 Width	60.000 cm
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Package 3 Length	80.000 cm
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Package 3 Weight	84.960 kg
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## Contractual warranty

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Warranty (in months) 18



## 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 >](#)

### Use Better



#### Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Under investigation

### Use Longer



#### Lifetime extension

Repair	No
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### Use Again



#### Repack and remanufacture

Take-back	No
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Technical Illustration

Dimensions

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