

# Product datasheet

Specifications



## EasyPact CVS - CVS630F 6.3 630A circuit breaker - 3P

LV563620

### Main

Range	EasyPact
Product or component type	Circuit breaker
Device short name	CVS630F
Device application	Distribution

### Complementary

Poles description	3P
Protected poles description	3D
Network type	AC
Network frequency	50/60 Hz
Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
[In] rated current	630 A at 40 °C
[Ui] rated insulation voltage	690 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to EN/IEC 60947-2
[Ue] rated operational voltage	440 V AC 50/60 Hz conforming to EN/IEC 60947-2
Breaking capacity code	F
Breaking capacity	40 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 30 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2
[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
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Utilisation category	Category A
Mechanical durability	15000 cycles
Electrical durability	4000 cycles 415 V In conforming to IEC 60947-2 8000 cycles 415 V In/2 conforming to IEC 60947-2
Connection pitch	45 mm
Trip unit name	ETS 6.3

<b>Trip unit technology</b>	Electronic
<b>Trip unit protection functions</b>	LSIG
<b>Trip unit rating</b>	630 A at 40 °C
<b>Protection type</b>	Short time short-circuit protection Ground fault protection Instantaneous short-circuit protection Overload protection (long time)
<b>Long time pick-up adjustment type I<sub>r</sub></b>	Adjustable
<b>Long time pick-up adjustment range</b>	250...630 A
<b>Long time delay adjustment type</b>	Adjustable
<b>[tr] long-time delay adjustment range</b>	15...400 s at 1.5 x I <sub>r</sub> 0.35...11 s at 7.2 x I <sub>r</sub> 0.5...16 s at 6 x I <sub>r</sub>
<b>Thermal memory</b>	20 minutes before and after tripping
<b>Short-time pick-up adjustment type I<sub>sd</sub></b>	Adjustable
<b>[I<sub>sd</sub>] short-time pick-up adjustment range</b>	1.5...10 x I <sub>r</sub>
<b>Short-time delay adjustment type</b>	Adjustable
<b>[tsd] short-time delay pick-up</b>	0...0.4 s
<b>Instantaneous pick-up adjustment type I<sub>i</sub></b>	Adjustable
<b>instantaneous pick-up</b>	1.5...11 x I <sub>n</sub> Easypact CVS630
<b>Ground-fault pick-up adjustment type</b>	Adjustable
<b>Ground-fault time delay adjustment type -tg</b>	Adjustable
<b>[tg] ground-fault time delay adjustment range</b>	0...0.4 s
<b>[I<sub>g</sub>] ground-fault pick-up adjustment range</b>	126...630 A
<b>Zone selective interlocking ZSI</b>	Without
<b>Display type</b>	LCD display
<b>Electrical shock protection class</b>	Class II
<b>Electrical data recording</b>	Maintenance indicators
<b>Height</b>	255 mm
<b>Width</b>	140 mm
<b>Depth</b>	110 mm

## Environment

<b>Standards</b>	IEC 60947-2 EN 60947-2
<b>Product certifications</b>	CB
<b>IP degree of protection</b>	IP40 conforming to IEC 60529
<b>IK degree of protection</b>	IK07 conforming to IEC 62262
<b>Pollution degree</b>	3 conforming to IEC 60664-1
<b>Ambient air temperature for operation</b>	-25...70 °C
<b>Ambient air temperature for storage</b>	-50...85 °C
<b>Net weight</b>	2.05 kg

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	18.0 cm
Package 1 Width	36.0 cm
Package 1 Length	29.0 cm
Package 1 Weight	8.6 kg

## Sustainability

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Transparency RoHS/REACH

## Well-being performance

Mercury Free

Rohs Exemption Information [Yes](#)

Pvc Free

## Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

China Rohs Regulation [China RoHS declaration](#)  
Product out of China RoHS scope. Substance declaration for your information

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)