# **Product datasheet**

Specifications





# circuit breaker EasyPact CVS630N, 50 kA at 415 VAC, 630 A rating ETS 2.3 electronic trip unit, 3P 3d

LV563510

#### Main

Range	EasyPact
Range of product	EasyPact CVS400630
Product name	EasyPact CVS
Device short name	CVS630N
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
Network type	AC
Utilisation category	Category A
[Icu] Breaking capacity	70 kA lcu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 50 kA lcu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 42 kA lcu at 440 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	Instantaneous short-circuit protection Overload protection (long time) Short time 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	Ν							
[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							
Mechanical durability	15000 cycles							
Electrical durability	4000 cycles 415 V In conforming to IEC 60947-2							
Trip unit protection functions	LSol							
Control type	Toggle							
Long time pick-up adjustment type Ir	Adjustable 9 settings							

Long time pick-up adjustment range	250630 A
Long time delay adjustment type	Fixed
[tr] long-time delay adjustment range	5.5 s at 7.2 x lr 8 s at 6 x lr 200 s at 1.5 x lr
thermal memory	Yes
Short-time pick-up adjustment type Isd	Adjustable 9 settings
[Isd] short-time pick-up adjustment range	1.510 x lr
Short-time delay adjustment type	Fixed
Instantaneous pick-up adjustment type li	Fixed
instantaneous pick-up adjustment range	11 x ln
Contact position indicator	Yes
mounting support	Backplate
mounting mode	Fixed
Upside connection	Front
downside connection	Front
Connections - terminals	Screw connection
Connection pitch	45 mm
Compatibility code	CVS630
Width	140 mm
Depth	110 mm
Height	255 mm
net weight	5.2 kg

### Environment

Standards	EN 60947-2 IEC 60947-2							
Product certifications	GOST IEC							
Electrical shock protection class	Class II							
Pollution degree	3 conforming to IEC 60664-1							
IP degree of protection	IP40							
Ambient air temperature for operation	-2570 °C							
Ambient air temperature for storage	-5085 °C							

# **Packing Units**

Unit Type of Package 1	PCE							
Number of Units in Package 1	1							
Package 1 Height	15.207 cm							
Package 1 Width	15.632 cm							
Package 1 Length	29.21 cm							
Package 1 Weight	5.568 kg							

Unit Type of Package 2	CAR
Number of Units in Package 2	3
Package 2 Height	22.7 cm
Package 2 Width	37.8 cm
Package 2 Length	49.3 cm
Package 2 Weight	18.5 kg
Unit Type of Package 3	PAL
Number of Units in Package 3	48
Package 3 Height	90.0 cm
Package 3 Width	80.0 cm
Package 3 Length	120.0 cm
Package 3 Weight	282840.0 g

### Sustainability Screen Premium

**Green Premium<sup>TM</sup> label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Yes

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency RoHS/REACh

#### Well-being performance

Mercury Free

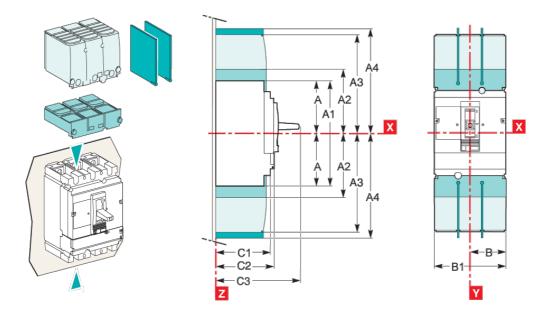
Rohs Exemption Information

#### **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
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information

# Product datasheet

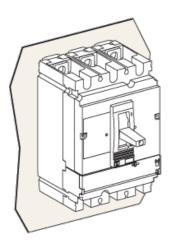
#### **Dimensions Drawings**

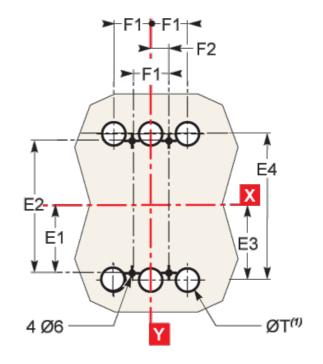


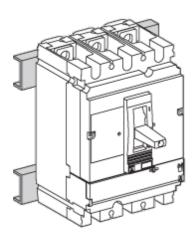
Туре	A	A1	A2	A3	A4	A/5	A6	A7	AS	A9	в	B1	B2	C1	C2	C3	E1
CV8100/160/250	86.5	161	64	148	170.5	155.5	236	169	226	250.5	52.5	105	146	-81	86	161@	62.5
C245400930	127.5	255	142.页	200	297	227.5	355	242.5	300	337	70	140	185	95.5	110	168	100
Type	E2	E3	E4	E5	E6	E7	E8	F1	F2	F3	G1	G2	G3	G4	G5	ØT	U
CARTERMER/250	125	61	140	137.5	200	148	215	22	17.5	70	20	78	13.6	25	17.5	24	y 32
CNS400830	200	113.5	222	299	300	2125	327	46	22.5	90	-		-		-	32	y 35

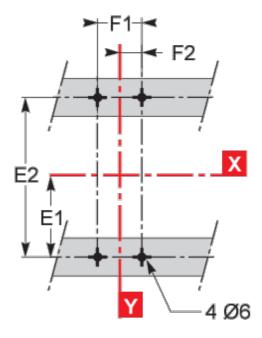
[8] C3=126mm Itr EasyPast CVS2500/F.

Assembly









Туре	A	A1	A2	A3	A4	A5	A6	A7	A8	A9	в	B1	B2	C1	C2	C3	E1
03481061603250	66.5	161	64	149	170.5	155.5	236	169	226	250.5	52.5	105	446	-81	86	1116	62.5
C2/5/00/930	197.6	266	143.原	200	297	227.5	355	242.5	300	337	70	1-90	185	95.5	110	168	100
Type	E2	E3	E4	E5	E6	E7	E8	F1	F2	F3	G1	G2	G3	G4	G5	ØT	U
CMB100MG0/250	125	হায	140	137.5	200	148	215	215	17.6	70	86	78	13.6	25	17.5	24	y 32
Ch:S-001650	200	113.5	202	200	300	213.5	327	45	22.5	90	-	-	-		-	32	y 35

(2) C3-126mm for EasyPast CVS2500/F.

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Performance Curves

