Product datasheet





circuit breaker EasyPact CVS400N, 50 kA at 415 VAC, 400 A rating ETS 2.3 electronic trip unit, 3P 3d

LV540510

Main

Range	EasyPact
Range of product	EasyPact CVS400630
Product name	EasyPact CVS
Device short name	CVS400N
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	400 A at 40 °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	ETS 2.3
Trip unit technology	Electronic
Trip unit rating	400 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	N								
[lcs] 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	6000 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								

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Long time pick-up adjustment range	160400 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	CVS400
Width	140 mm
Depth	110 mm
Height	255 mm
net weight	4.7 kg

Environment

Standards	EN 60947-2 IEC 60947-2						
Product certifications	IEC GOST						
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	15.262 cm							
Package 1 Width	15.794 cm							
Package 1 Length	29.215 cm							
Package 1 Weight	5.151 kg							

Unit Type of Package 2	CAR
Number of Units in Package 2	3
Package 2 Height	23.0 cm
Package 2 Width	38.3 cm
Package 2 Length	50.8 cm
Package 2 Weight	16.781 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 Green Premium*

Green PremiumTM **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-CO₂ products.

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

Learn more about Green Premium >

Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance



Mercury Free



Rohs Exemption Information

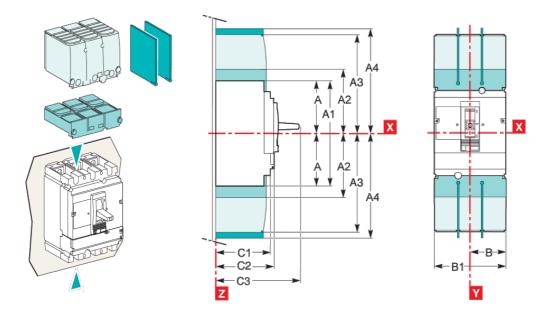
Yes

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

LV540510

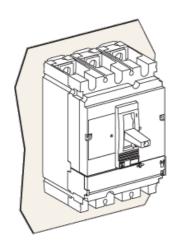
Dimensions Drawings

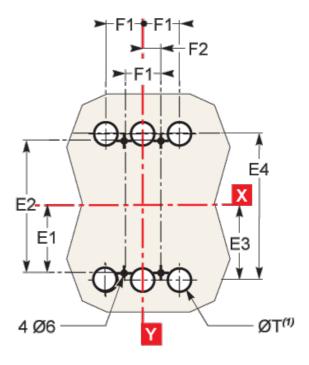


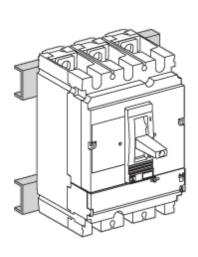
Туре	Α	A1	A2	A3	A4	A5	A6	A7	A8	A9	В	B1	B2	C1	C2	C3	E1
CV8100160/250	66.5	161	64	146	179.5	155.5	226	169	226	250.5	52.5	105	140	81	66	111	62.5
C245/4000930	127,5	255	142,5	200	297	227.5	3.55	242.5	3.00	337	70	140	188	95.5	110	168	100
Type	E2	E3	E4	E5	E6	E7	E8	F1	F2	F3	G1	G2	G3	G4	G5	ØT	U
CVB100/190/250	125	FE	140	137.5	200	145	215	216	17.5	70	55	78	13.5	25	17.5	24	y 32
CV254014831	200	113.5	223	200	200	2135	327	45	22.5	90	-	00	-	-		32	y 35

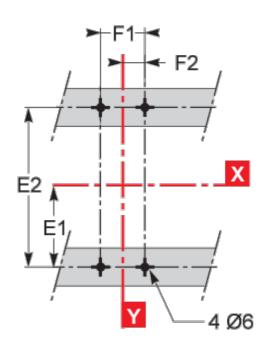
[2] CJ-126mm for EasyPast CVS2509JF.

Assembly









Туре	Α	A1	A2	A3	A4	A/5	A6	A7	A8	A9	В	B1	B2	C1	C2	C3	E1
CV8100160/250	66.5	161	64	146	179.5	155.5	236	169	226	250,5	52.5	105	946	-81	96	1116	62.5
C245/40009290	127.5	255	142,5	200	297	227.5	3.65	242.5	3.00	337	700	140	188	95.5	110	168	100
Type	E2	E3	E4	E5	E6	E7	Ш8	F1	F2	F3	G1	G2	G3	G4	G5	ØT	U
CWE100MG0/250	125	<u>ক্ষা</u>	14D	137.5	200	145	215	216	17.5	70	56	78	13.5	25	17.5	24	y 32
CV5400430	200	113.5	227	200	200	2125	327	45	22.5	90	-		-	00	-	32	y 35

[2] CJ-126mm for EasyPast CVS2509JF.

Performance Curves

