Product datasheet

Specifications





circuit breaker EasyPact CVS630N, 50 kA at 415 VAC, 500 A rating magnetic MA trip unit, 3P 3d

LV563552

Main

Range	EasyPact
Range of product	EasyPact CVS400630
Product name	EasyPact CVS
Device short name	CVS630N
Product or component type	Circuit breaker
Device application	Motor
poles description	3P
Protected poles description	3D
Earth leakage protection (Vigi add on)	Without
[In] rated current	500 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	MA
Trip unit technology	Magnetic
Trip unit rating	500 A at 40 °C
Protection type	Short-circuit protection (magnetic)

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							
Control type	Toggle							
Short-time pick-up adjustment type Isd	Adjustable							
[Isd] short-time pick-up adjustment range	613 x ln							

Instantaneous pick-up adjustment type li	Adjustable
instantaneous pick-up adjustment range	613 x In
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	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	24.4 cm
Package 1 Width	16.0 cm
Package 1 Length	30.0 cm
Package 1 Weight	6.039 kg
Unit Type of Package 2	S03
Number of Units in Package 2	2
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	12.078 kg

Sustainability Screen 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

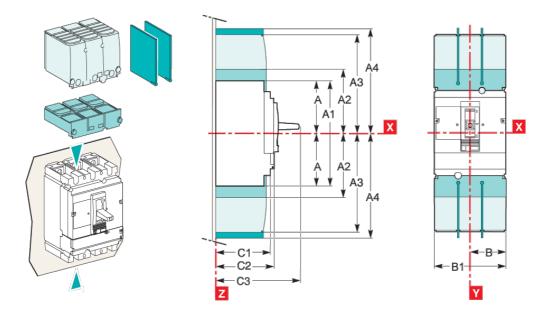
Mercury Free
Rohs Exemption Information Yes
Pvc Free

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
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

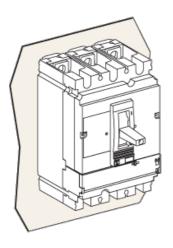
Dimensions Drawings

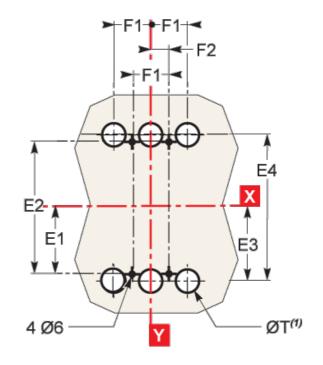


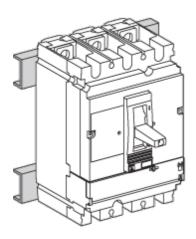
Туре	А	A1	A2	A3	A4	A5	A6	A7	A8	A9	в	B1	B2	C1	C2	C3	E1
CVS100/160/250	80.5	161	94	145	178.5	155.5	236	169	220	253.5	52.5	105	140	81	86	111(2)	62.5
CVS400/630	127.5	255	142.5	200	237	227.5	355	242.5	300	337	70	140	185	95.5	110	168	100
Туре	E2	E3	E4	E5	E6	E7	E8	F1	F2	F3	G1	G2	G3	G4	G5	ØТ	U
CVS100/160/250	125	70	140	137.5	200	145	215	35	17.5	70	95	75	13.5	23	17.5	24	y 32
CVS400/630	200	113.5	227	200	300	213.5	327	45	22.5	90	-	-	-	-	-	32	y 35
(0) 00-400-		(0) (00)	50D/5														

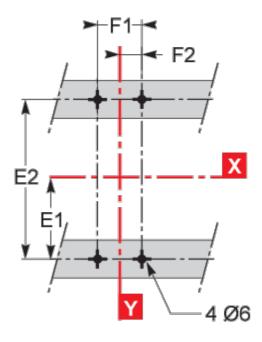
(2) C3=126mm for EasyPact CVS250B/F.

Assembly









Туре	А	A1	A2	A3	A4	A5	A6	A7	A8	A9	в	B1	B2	C1	C2	C3	E1
CVS100/160/250	80.5	161	94	145	178.5	155.5	236	169	220	253.5	52.5	105	140	81	86	111(2)	62.5
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Туре	E2	E3	E4	E5	E6	E7	E8	F1	F2	F3	G1	G2	G3	G4	G5	ØТ	U
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CVS400/630	200	113.5	227	200	300	213.5	327	45	22.5	90	-	-	-	-	-	32	y 35
(2) C3=126mm for EasyPact CVS250B/F.																	