Product datasheet

Specification





circuit breaker EasyPact CVS400N, 50 kA at 415 VAC, 320 A rating thermal magnetic TM-D trip unit, 3P 3d

LV540315

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	320 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	TM-D
Trip Unit Technology	Thermal-magnetic
Trip Unit Rating	320 A at 40 °C
Protection Type	Overload protection (thermal) 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	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						
Control Type	Toggle						
Thermal Protection Adjustment Range	224320 A						
Long Time Pick-Up Adjustment Type Ir	Adjustable						

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Long Time Pick-Up Adjustment Range	0.71 x ln
Long Time Delay Adjustment Type	Fixed
Instantaneous Pick-Up Adjustment Type Ii	Adjustable
Instantaneous Pick-Up Adjustment Range	510 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	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	15.500 cm
Package 1 Width	16.000 cm
Package 1 Length	29.000 cm
Package 1 Weight	4.833 kg
Unit Type Of Package 2	S04
Number Of Units In Package 2	3
Package 2 Height	30.000 cm
Package 2 Width	40.000 cm
Package 2 Length	60.000 cm
Package 2 Weight	15.149 kg

Unit Type Of Package 3	P12
Number Of Units In Package 3	12
Package 3 Height	45.000 cm
Package 3 Width	80.000 cm
Package 3 Length	120.000 cm
Package 3 Weight	72.596 kg



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

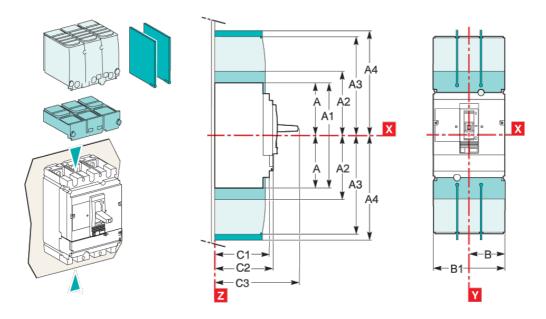
Well-being performance

②	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

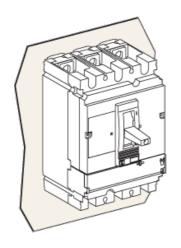
Dimensions Drawings

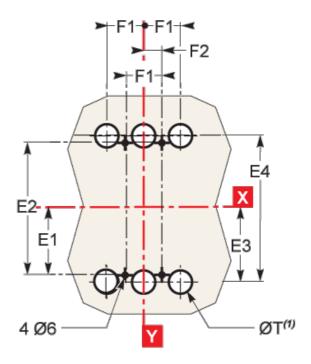


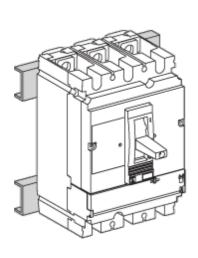
Туре	Α	A1	A2	A3	A4	A5	A6	A7	A8	A9	В	B1	B2	C1	C2	C3	E1
CV8106160/250	66.5	161	64	146	179.5	155.5	236	169	226	250.5	52.5	105	946	81	96	1114	62.5
C245/40009380	127,5	255	142,5	200	297	227.5	3.55	242.5	3.00	337	700	140	188	95.5	110	168	100
Type	E2	E3	E4	E5	E6	E7	E8	F1	F2	F3	G1	G2	G3	G4	G5	ØT	U
CN9100460/250	125	FE	14D	137.5	200	145	215	216	17.5	70	86	78	13.5	25	17.5	24	y 32
CV5400430	200	113.5	227	200	200	2135	327	45	22.5	90	-			-	-	32	y 35

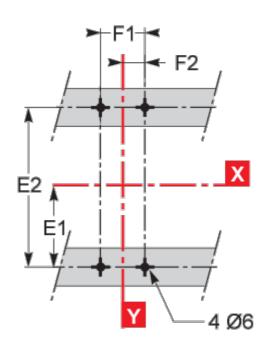
(2) CJ-126mm for EasyPast CVS2509JF.

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	70	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	FE	14D	137.5	200	145	215	216	17.5	70	SB	78	13.5	25	17.5	24	y 32
CV5400430	200	113.5	227	200	200	2125	327	45	22.5	90	-	000	-	00	-	32	y 35

[2] CJ-126mm for EasyPast CVS2509JF.

Performance Curves

