Product datasheet

Specification





circuit breaker EasyPact CVS400N, 50 kA at 415 VAC, 320 A rating thermal magnetic TM-D trip unit, 4P 3d

LV540318

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	4P
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	Short-circuit protection (magnetic) Overload protection (thermal)

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							
Neutral position	Left							
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							

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Neutral protection setting	No protection (3D)
Long time pick-up adjustment type Ir	Adjustable
Long time pick-up adjustment range	0.71 x ln
Long time delay adjustment type	Fixed
Instantaneous pick-up adjustment type li	Adjustable
instantaneous pick-up adjustment range	510 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	185 mm
Depth	110 mm
Height	255 mm
net weight	6.3 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	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 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

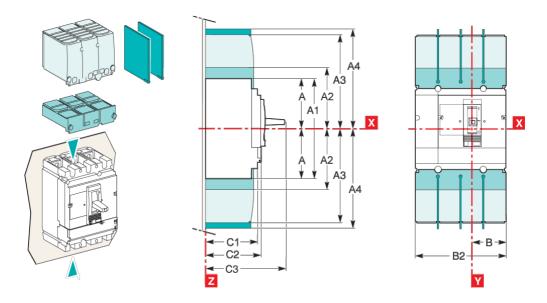
Well-being performance

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

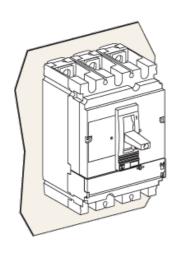
Dimensions Drawings

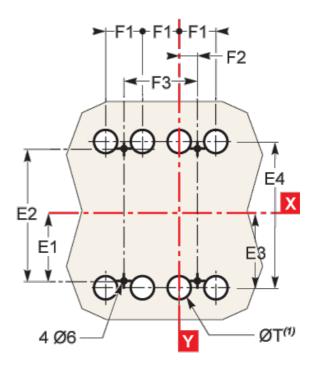


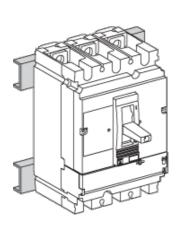
Туре	Α	A1	A2	A3	A4	A/5	A6	A7	A8	A9	В	B1	B2	C1	C2	C3	E1
CV9100160/250	66.5	161	64	146	179.5	155.5	226	169	226	250,5	52.5	105	946	-81	66	191@	62.5
C245/400/930	127.5	255	142,5	200	297	227.5	3.55	242.5	3.00	337	70	140	188	95.5	110	168	100
Type	E2	E3	E4	E5	E6	E7	E8	F1	F2	F3	G1	G2	G3	G4	G5	ØT	U
CW2100Y090/2800	125	हाड	140	137.5	200	148	215	216	17.5	70	96	78	13.5	25	17.5	24	y 32
CV5400/830	200	113.5	227	200	200	2135	327	45	22.5	90	-	00		-		32	y 35

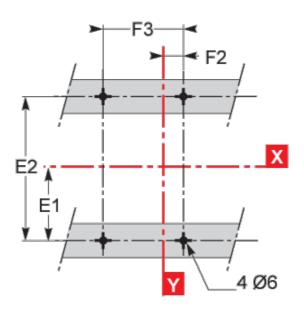
[2] CJ-126mm for EasyPast CVS2509JF.

Assembly









Туре	Α	A1	A2	A3	A4	A/5	A6	A7	A8	A9	В	B1	B2	C1	C2	C3	E1
CW8100160/250	66.5	161	64	146	179.5	155.5	236	169	226	250.5	52.5	105	146	81	06	1110	62.5
C245400/930	127.5	296	142,5	200	297	227.5	355	242.5	3.00	337	70	140	188	95.5	110	168	100
Type	E2	E3	E4	E5	E6	E7	EB	F1	F2	F3	G1	G2	G3	G4	G5	ØT	U
CM2100M60/250	125	FE	140	137.5	200	145	215	216	17.5	70	56	78	12.5	25	17.5	24	y 32
CV5460/830	200	113.5	227	200	300	213.5	327	45	22.5	90	-	000	-	-	-	32	y 35

[8] CJ-126mm for EasyPast CVS250fuF.

Performance Curves

