# **Product datasheet**

Specifications





# circuit breaker EasyPact CVS400N, 50 kA at 415 VAC, 400 A rating thermal magnetic TM-D trip unit, 3P 3d

LV540316

#### 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 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	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	400 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	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	6000 cycles 415 V In conforming to IEC 60947-2
Control type	Toggle
Thermal protection adjustment range	280400 A
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	140 mm
Depth	110 mm
Height	255 mm
net weight	4.7 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	14.800 cm
Package 1 Width	15.600 cm
Package 1 Length	28.700 cm
Package 1 Weight	4.916 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	15.508 kg

## Sustainability Screen

**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.

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency RoHS/REACh

#### Well-being performance

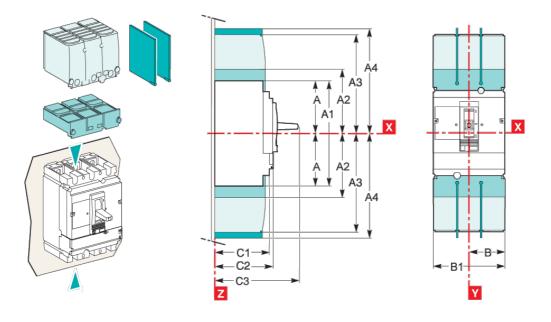
Mercury Free
Rohs Exemption Information Yes
Pvc Free

### **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

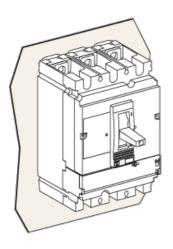
### **Dimensions Drawings**

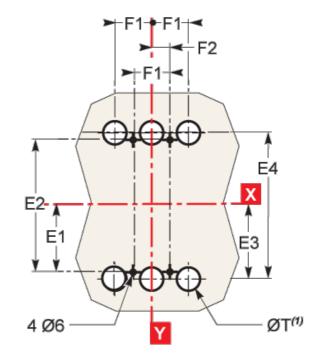


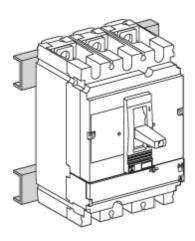
Туре	A	A1	A2	A3	A4	A/5	A6	A7	AS	A9	в	B1	B2	C1	C2	C3	E1
CV8100/160/250	86.5	161	64	148	170.5	155.5	236	169	226	250.5	52.5	105	146	-81	86	161@	62.5
C245400930	127.5	255	142.页	200	297	227.5	355	242.5	300	337	70	140	185	95.5	110	168	100
Type	E2	E3	E4	E5	E6	E7	E8	F1	F2	F3	G1	G2	G3	G4	G5	ØT	U
CARTERMER/250	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

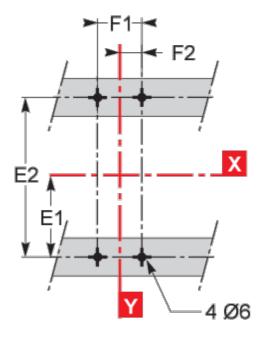
[8] C3=126mm Itr EasyPast CVS2500/F.

Assembly









Туре	Α	A1	A2	A3	A4	A5	A6	A7	AS	A9	в	B1	B2	C1	C2	C3	E1
048106160250	66.5	161	64	149	170,6	155.5	236	169	226	250.5	52.5	105	146	-81	88	161@	62.5
0245400930	127.5	266	142.原	200	297	227.5	355	242.5	300	337	70	140	185	95.5	110	168	100
Туре	E2	E3	E4	E5	E6	E7	<b>E</b> 8	F1	F2	F3	G1	G2	G3	G-4	G5	ØT	U
CW9100M60/250	125	হায	140	137.5	200	148	215	215	17.6	70	20	78	13.6	25	17.5	24	y 32
CV2400430	200	113.5	222	200	300	213.5	327	45	22.5	90	-		-	-	-	32	y 35

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

#### Performance Curves

