# **Product datasheet**

Specification





## circuit breaker EasyPact CVS100B, 25 kA at 415 VAC, 16 A rating thermal magnetic TM-D trip unit, 3P 3d

LV510300

#### Main

Range	EasyPact
Range of product	EasyPact CVS100250
Product name	EasyPact CVS
Device short name	CVS100B
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	16 A at 40 °C
Network type	AC
Utilisation category	Category A
[Icu] Breaking capacity	40 kA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 25 kA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 20 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	16 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	В							
[Ics] rated service breaking capacity	15 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2							
Mechanical durability	30000 cycles							
Electrical durability	12000 cycles 415 V In conforming to IEC 60947-2							
Control type	Toggle							
Thermal protection adjustment range	11.216 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 li	Fixed
instantaneous pick-up adjustment range	190 A
Contact position indicator	Yes
mounting support	Backplate
mounting mode	Fixed
Upside connection	Front
downside connection	Front
Connections - terminals	Screw connection
Connection pitch	35 mm
Compatibility code	CVS100
Width	105 mm
Depth	86 mm
Height	161 mm
net weight	1.5 kg

## **Environment**

Standards	IEC 60947-2 EN 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	11.000 cm
Package 1 Width	14.000 cm
Package 1 Length	19.000 cm
Package 1 Weight	1.710 kg
Unit Type of Package 2	S03
Number of Units in Package 2	8
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	14.100 kg

Unit Type of Package 3	P12
Number of Units in Package 3	64
Package 3 Height	45.000 cm
Package 3 Width	80.000 cm
Package 3 Length	120.000 cm
Package 3 Weight	124.800 kg

## Sustainability Screen Premium

**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



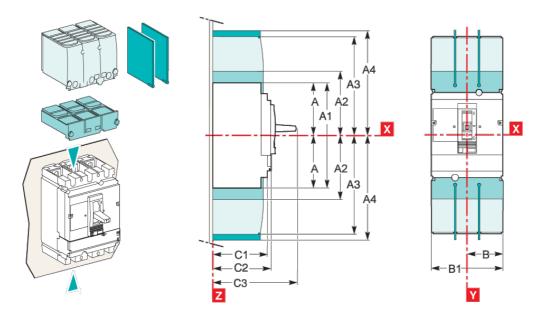
Rohs Exemption Information

Yes

#### **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	No need of specific recycling operations

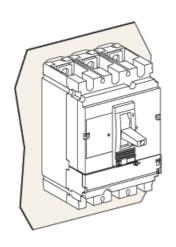
### **Dimensions Drawings**

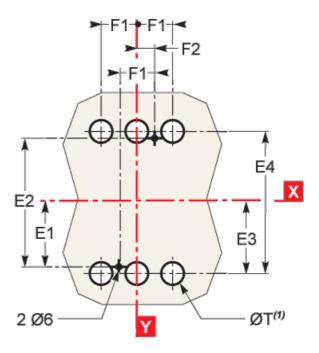


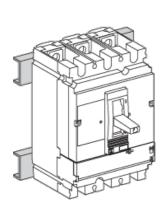
Туре	Α	A1	A2	A3	A4	A5	A6	A7	A8	A9	В	B1	B2	C1	C2	C3	E1
CV8106160/250	66.5	161	64	146	179.5	155.5	236	169	226	250.5	52.5	105	946	81	96	1114	62.5
C245/400/930	127,5	255	142,5	200	297	227.5	3.55	242.5	3.00	337	700	140	188	95.5	110	168	100
Type	E2	E3	E4	E5	E6	E7	E8	F1	F2	F3	G1	G2	G3	G4	G5	ØT	U
CN9100460/250	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

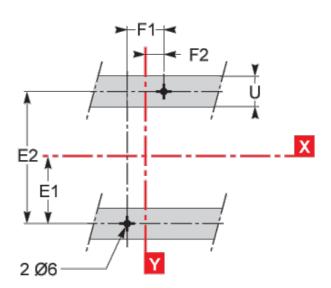
[2] CJ-126mm for EasyPast CVS2509JF.

### Assembly









Туре	Α	A1	A2	A3	A4	A5	A6	A7	A8	A9	В	B1	B2	C1	C2	C3	E1
CW8100H60/250	66.5	161	64	146	179.5	155.5	236	169	226	250,5	52.5	105	146	81	06	191@	62.5
C245/4000930	127,5	200	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
CW9100/190/250	125	FE	140	137.5	200	145	215	216	17.5	70	55	78	13.5	23	17.5	24	y 32
CV5400/830	200	113.5	223	200	200	2135	327	45	22.5	90	-	00	-	-		32	y 35

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

#### Performance Curves

