# **Product datasheet**

Specifications





## circuit breaker EasyPact CVS100B, 25 kA at 415 VAC, 16 A rating thermal magnetic TM-D trip unit, 4P 3d

LV510310

#### 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	4P
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
Neutral Position	Left
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

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	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	140 mm
Depth	86 mm
Height	161 mm
Net Weight	1.9 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	15.800 cm
Package 1 Width	9.000 cm
Package 1 Length	13.800 cm
Package 1 Weight	2.800 kg
Unit Type Of Package 2	S04
Number Of Units In Package 2	8
Package 2 Height	30.000 cm
Package 2 Width	40.000 cm

Package 2 Length

60.000 cm

Package 2 Weight

18.728 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.

Yes

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency RoHS/REACh

#### Well-being performance

Mercury Free

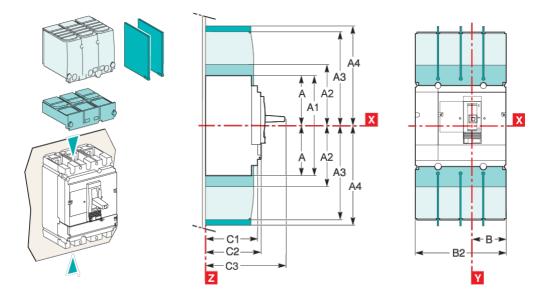
Rohs Exemption Information

### **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

### **Product datasheet**

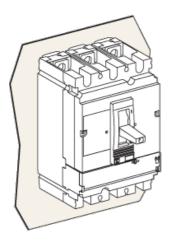
#### **Dimensions Drawings**

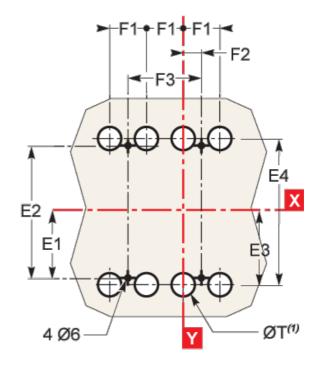


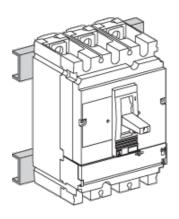
Туре	A	A1	A2	A3	A4	A5	A6	A7	AS	A9	в	B1	B2	C1	C2	C3	E1
07/8100160/250	66.5	161	64	146	179,5	155.5	226	169	226	250.5	52.5	105	146	81	86	111@	62.5
C245400930	197.5	255	143.质	200	297	227.5	3.95	242.5	3.00	337	70	140	188	95.5	110	168	100
Type	E2	E3	E4	E5	E6	E7	E8	F1	F2	F3	G1	G2	G3	G4	G5	ØT	U
CVB100/160/250	125	হয়	140	137.5	200	148	215	215	17.6	70	20	78	13.6	23	17.5	24	y 32
Ch55401/831	200	113.5	222	200	300	2125	327	-45	22.5	90	-		-		-	32	y 35

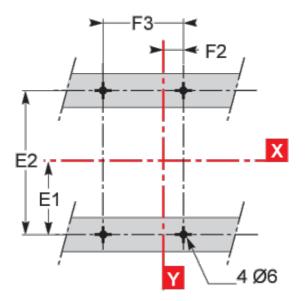
(2) C3-126mm for EasyPast CVS2500/F.

Assembly









CVR310En160/250 86.5 101 64 145 179.5 155.5 236 109 220 253.5 52.5 105 140 61   CVR510En160/250 157.5 255 142.5 300 287 277.5 385 246.5 300 387 70 140 188. 95.5   Type E2 E3 E4 E5 E6 E7 E8 F1 F2 F3 G1 G2 G3 G4   CVR1001502/250 125 70 140 137.5 200 145 216 35 17.6 70 62 G3 64		161® 62 163 10
Type E2 E3 E4 E5 E6 E7 E8 F1 F2 F3 G1 G2 G3 G4	<u>5 110 168</u>	163 10
4		
PARTICIPATION AND THE THE ARE AND AND THE ARE ARE THE AT A THE ARE ARE AT	G5 ØT	ØT U
CM9100M90230 125 70 140 137.5 200 145 215 35 17.5 70 55 75 13.5 29	17.5 24	24. y3
CVS600631 200 113.5 227 200 300 213.5 327 45 22.5 90	- 32	32 y3

6

Performance Curves

