# **Product datasheet**

Specification





# circuit breaker EasyPact CVS160B, 25 kA at 415 VAC, 125 A rating thermal magnetic TM-D trip unit, 4P 3d

LV516322

### Main

Range	EasyPact								
Range Of Product	EasyPact CVS100250								
Product Name	EasyPact CVS								
Device Short Name	CVS160B								
Product Or Component Type	Circuit breaker								
Device Application	Distribution								
Poles Description	4P								
Protected Poles Description	4D								
Earth Leakage Protection (Vigi Add On)	Without								
[In] Rated Current	125 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	125 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	25000 cycles							
Electrical Durability	12000 cycles 415 V In conforming to IEC 60947-2							
Control Type	Toggle							
Thermal Protection Adjustment Range	87.5125 A							

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Neutral Protection Setting	1 x lr (4D)
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 Ii	Fixed
Instantaneous Pick-Up Adjustment Range	1250 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	CVS160
Width	140 mm
Depth	86 mm
Height	161 mm
Net Weight	1.9 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**

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Unit Type Of Package 1	PCE							
Number Of Units In Package 1	1							
Package 1 Height	14.000 cm							
Package 1 Width	15.000 cm							
Package 1 Length	19.500 cm							
Package 1 Weight	2.257 kg							
Unit Type Of Package 2	S04							
Number Of Units In Package 2	9							
Package 2 Height	30.000 cm							
Package 2 Width	40.000 cm							

Package 2 Length	60.000 cm
Package 2 Weight	21.196 kg

## Sustainability Green 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



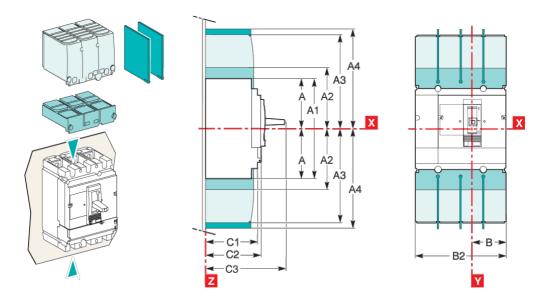
Rohs Exemption Information

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	End of Life Information

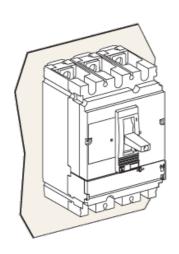
### **Dimensions Drawings**

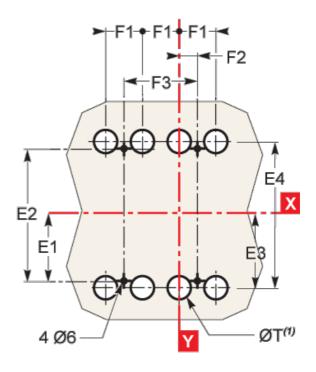


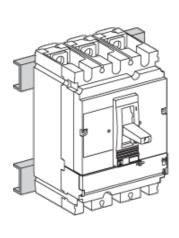
Туре	Α	A1	A2	A3	A4	A/5	A6	A7	A8	A9	В	B1	B2	C1	C2	C3	E1
CV9100H60/250	66.5	161	64	146	179.5	155.5	226	169	226	250,5	52.5	105	446	81	66	191@	62.5
C245/400/930	127.5	296	142.原	200	297	227.5	355	242.5	300	337	70	140	188	95.5	110	163	100
Type	E2	E3	E4	E5	E6	E7	E8	F1	F2	F3	G1	G2	G3	G4	G5	ØT	U
CM2100M60/250	125	<u>ক্ষা</u>	14D	137.5	200	145	215	216	17.5	70	26	78	13.5	25	17.5	24	y 32
CV5400/630	200	113.5	227	200	200	2135	327	45	22.5	90	-	000	-	-		32	y 35

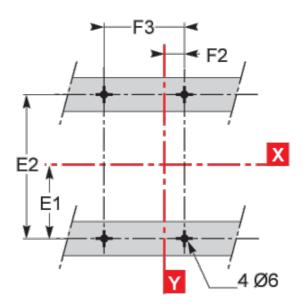
[2] CJ-126mm for EasyPast CVS2509JF.

### Assembly







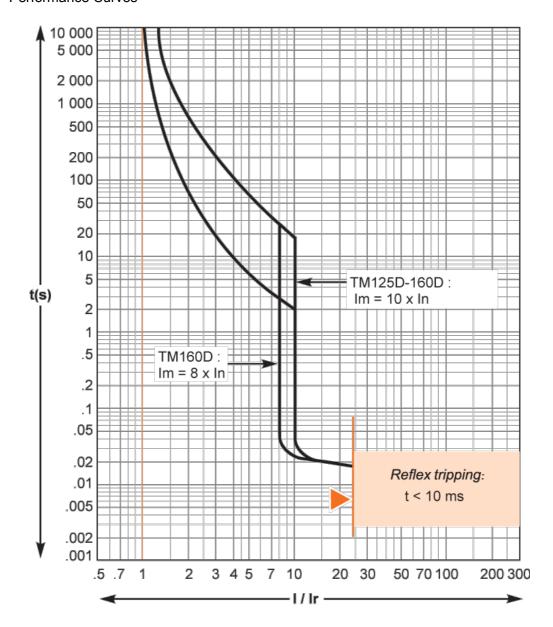


Туре	A	A1	A2	A3	A4	A5	A6	A7	A8	A9	В	B1	B2	C1	C2	C3	E1
CV8100160/250	06.5	161	64	146	179.5	155.5	236	169	226	250,5	52.5	105	146	81	96	1114	62.5
C245/400/930	127.5	295	142,5	200	293	227.5	3.55	242.5	300	337	70	140	185	95.5	110	163	100
Type	E2	E3	E4	E5	E6	E7	E8	F1	F2	F3	G1	G2	G3	G4	G5	ØT	U
CAS.1004080/250	1938	ক্র	14D	137.5	200	145	215	216	17.5	70	86	78	13.5	23	17.5	24	y 32
CVS400/830	200	113.5	222	200	200	2125	327	45	22.5	90	-	000	-	-	-	32	y 35

[2] CJ-126mm for EasyPast CVS250B/F.

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#### Performance Curves



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