Product datasheet

Specification





circuit breaker, EasyPact CVS100B, 25kA at 415VAC, 40A, TM-D trip unit, 3P3d

LV510303

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	40 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	40 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	2840 A
Long Time Pick-Up Adjustment	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	500 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	11.800 cm
Package 1 Width	13.600 cm
Package 1 Length	19.200 cm
Package 1 Weight	1.654 kg
Unit Type Of Package 2	S04
Number Of Units In Package 2	12
Package 2 Height	30.000 cm
Package 2 Width	40.000 cm
Package 2 Length	60.000 cm
Package 2 Weight	20.614 kg



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.

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Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance



Mercury Free



Rohs Exemption Information

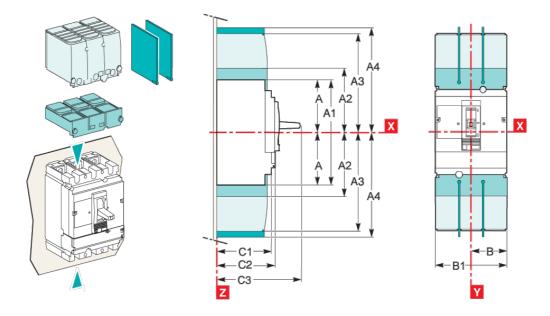
Yes

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

LV510303

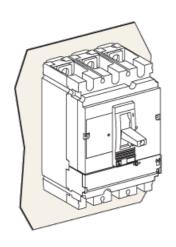
Dimensions Drawings

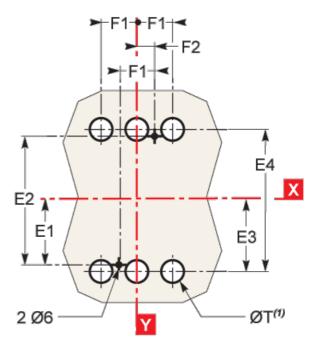


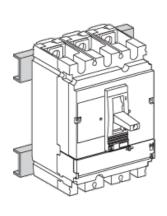
Туре	Α	A1	A2	A3	A4	A5	A6	A7	A8	A9	В	B1	B2	C1	C2	C3	E1
CV8100160/250	66.5	161	64	146	179.5	155.5	226	169	226	250.5	52.5	105	140	81	66	111	62.5
C245/4000930	127,5	255	142,5	200	297	227.5	3.55	242.5	3.00	337	70	140	188	95.5	110	168	100
Type	E2	E3	E4	E5	E6	E7	E8	F1	F2	F3	G1	G2	G3	G4	G5	ØT	U
CVB100/190/250	125	FE	140	137.5	200	145	215	216	17.5	70	55	78	13.5	25	17.5	24	y 32
CV254014831	200	113.5	223	200	200	2135	327	45	22.5	90	-	00	-	-		32	y 35

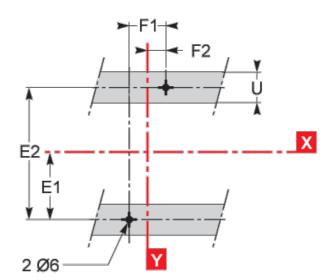
[2] CJ-126mm for EasyPast CVS2509JF.

Assembly





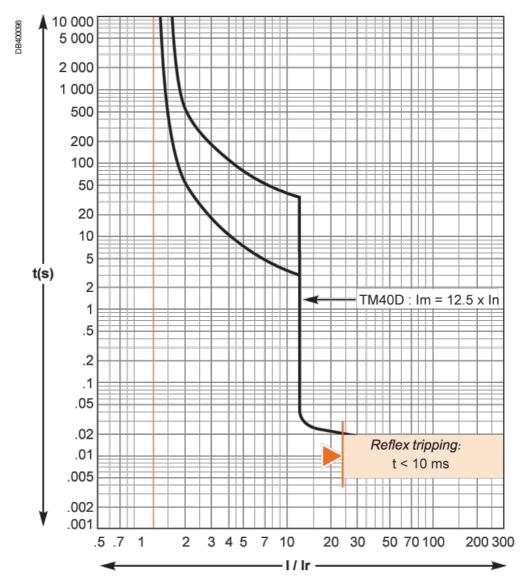




Туре	Α	A1	A2	A3	A4	A/5	A6	A7	A8	A9	В	B1	B2	C1	C2	C3	E1
CV81001160/250	66.5	161	64	146	179.5	155.5	236	169	226	250.5	52.5	105	946	81	06	1114	62.5
C245/4000930	127.5	200	142,5	200	297	227.5	3.65	242.5	300	337	70	140	188	95.5	110	168	100
Type	E2	E3	E4	E5	E6	E7	Ш8	F1	F2	F3	G1	G2	G3	G4	G5	ØT	U
CW2100M90/250	125	FE	140	137.5	200	145	215	216	17.5	70	5B	78	125	28	17.5	24	y 32
CVS400430	200	113.5	223	200	200	2135	327	45	22.5	90	-			-		32	y 35

(2) CJ-126mm for EasyPast CVS250B/F.

Performance Curves



Reflex tripping.