Product datasheet

Specifications





circuit breaker EasyPact CVS100B, 25 kA at 415 VAC, 80 A rating thermal magnetic TM-D trip unit, 4P 3d

LV510316

Main

in an i	
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	80 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	80 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	5680 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	640 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	EN 60947-2 IEC 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	13.600 cm
Package 1 Width	14.500 cm
Package 1 Length	18.900 cm
Package 1 Weight	2.156 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

20.164 kg

Sustainability Screen Premium

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.

Yes

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency RoHS/REACh

Well-being performance

Mercury Free

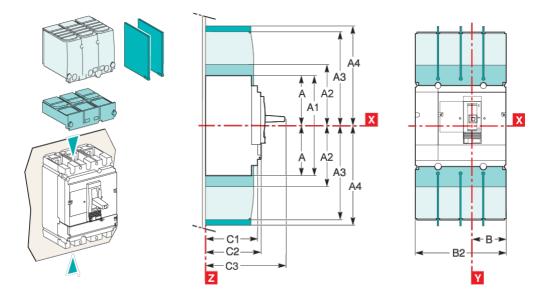
Rohs Exemption Information

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

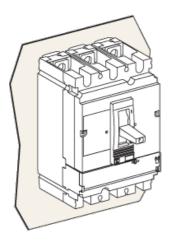
Dimensions Drawings

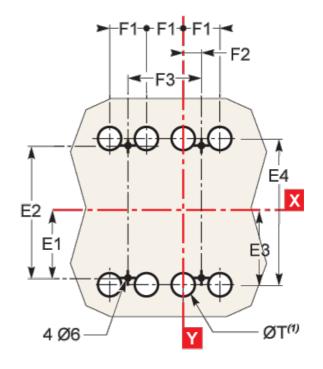


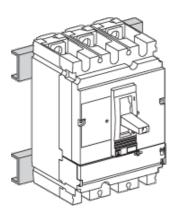
Туре	A	A1	A2	A3	A4	A5	A6	A7	AS	A9	в	B1	B2	C1	C2	C3	E1
CV8100160250	66.5	161	64	148	179.5	155.5	236	169	226	250.5	52.5	105	146	81	86	111@	62.5
C245400930	197.5	255	143.质	200	297	227.5	355	242.5	300	337	70	140	188	95.5	110	168	100
Type	E2	E3	E4	E5	E6	E7	E8	F1	F2	F3	G1	G2	G3	G4	G5	ØT	U
CV/8100/160/250	125	হায়	140	137.5	200	148	215	516	17.5	70	20	78	13.6	25	17.5	24	y 32
Ch5400/830	200	113.5	222	200	300	213.5	327	45	22.5	90	-		-		-	32	y 35

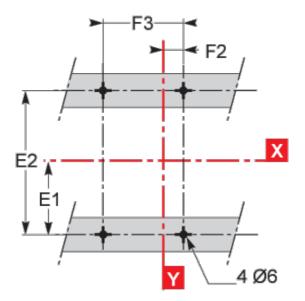
(2) C3-126mm for EasyPast CVS2500/F.

Assembly









Type A	۹.	A1	A2	A3	A4	A5	A6	A7	A8	A9	в	B1	B2	C1	C2	C3	E1
CV8100160/250 8	16.5	161	64	149	170.5	155.5	236	169	226	250.5	52.5	105	146	81	86	161@	62.5
C245400930 1	127.5	255	143.页	200	297	227.5	3.95	242.5	300	337	70	140	189	95.5	110	168	100
Type E	2	E3	E4	E5	E6	E7	E8	F1	F2	F3	G1	G2	G3	G4	G5	ØT	U
CV9100/160/250 1	25	10	140	137.5	200	148	215	215	17.5	70	20	78	13.6	25	17.5	24	y 32
CVS400430 2	200	113.5	222	200	300	2135	327	45	22.5	90	-		-		-	32	y 35

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Performance Curves

