

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

LV510316

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	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							
Product 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	14.000 cm
Package 1 Width	15.000 cm
Package 1 Length	19.000 cm
Package 1 Weight	2.600 kg
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm

Package 2 Length	40.000 cm
Package 2 Weight	16.088 kg
Unit Type of Package 3	P12
Number of Units in Package 3	96
Package 3 Height	75.000 cm
Package 3 Width	80.000 cm
Package 3 Length	120.000 cm
Package 3 Weight	269.408 kg



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

☑ Environmental footprint	
Total lifecycle Carbon footprint	567
Environmental Disclosure	Product Environmental Profile

Use Better

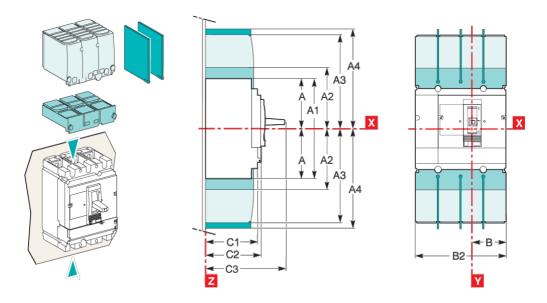
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
SCIP Number	49bf38c5-56a0-475d-90bd-a88ef3d2ace2
REACh Regulation	REACh Declaration

Use Again

○ Repack and remanufacture	
End of life manual availability	No need of specific recycling operations
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

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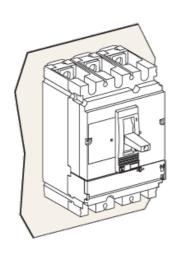
Dimensions Drawings

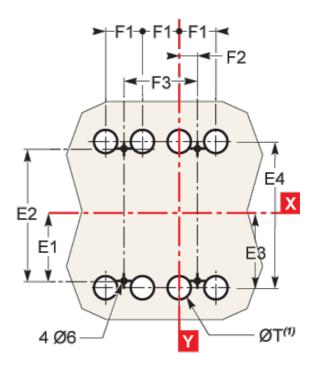


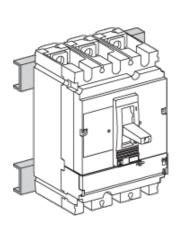
Туре	Α	A1	A2	A3	A4	A5	A6	A7	A8	A9	В	B1	B2	C1	C2	C3	E1
CVS100/160/250	80.5	161	94	145	178.5	155.5	236	169	220	253.5	52.5	105	140	81	86	111(2)	62.5
CVS400/630	127.5	255	142.5	200	237	227.5	355	242.5	300	337	70	140	185	95.5	110	168	100
Туре	E2	E3	E4	E5	E6	E7	E8	F1	F2	F3	G1	G2	G3	G4	G5	ØΤ	U
CVS100/160/250	125	70	140	137.5	200	145	215	35	17.5	70	95	75	13.5	23	17.5	24	y 32
CVS400/630	200	113.5	227	200	300	213.5	327	45	22.5	90	-	-	-	-	-	32	y 35

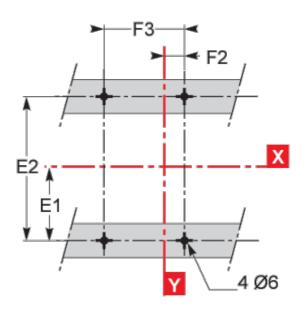
⁽²⁾ C3=126mm for EasyPact CVS250B/F.

Assembly





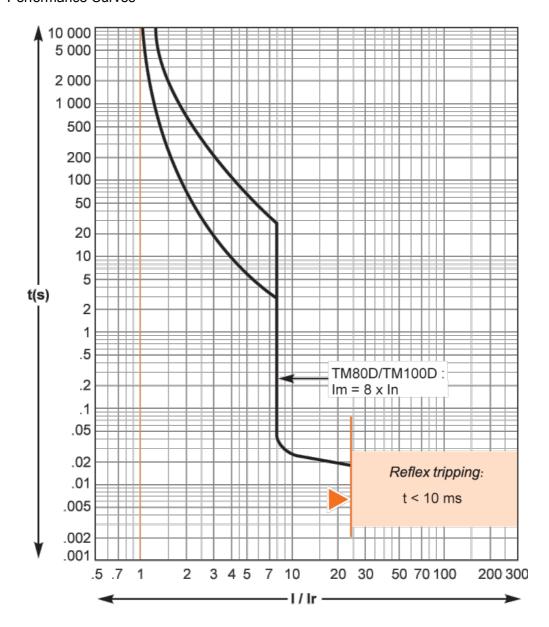




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(2) C3=126mm for EasyPact CVS250B/F.

Performance Curves



Offer Marketing Illustration

Product benefits / Features



Offer Marketing Illustration

Product benefits / Features



Offer Marketing Illustration

Product benefits / Features



Technical Illustration

Assembly's dimensions

