Product datasheet

Specifications





circuit breaker EasyPact CVS100B, 25 kA at 415 VAC, 40 A rating thermal magnetic TM-D trip unit, 3P 3d

LV510303

Main

mann	
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 lcu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 25 kA lcu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 20 kA lcu 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 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	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

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

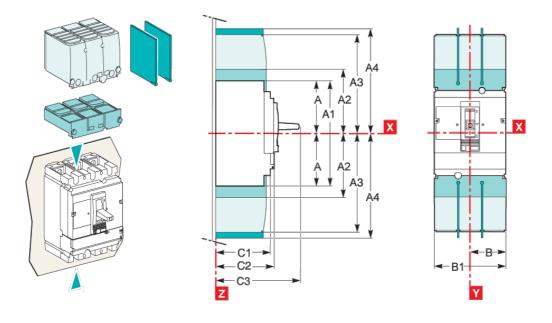
Rohs Exemption Information

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

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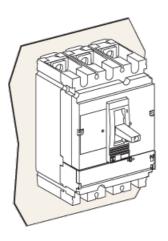
Dimensions Drawings

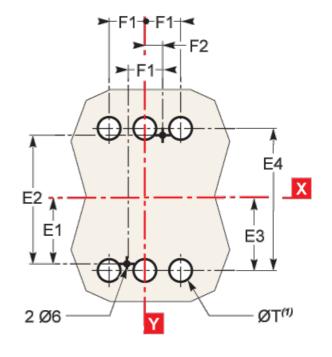


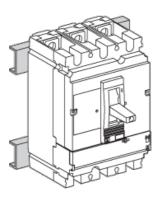
Туре	А	A1	A2	A3	A4	A5	A6	A7	A8	A9	в	B1	B2	C1	C2	C3	E1
CVS100/160/250	80.5	161	94	145	178.5	155.5	236	169	220	253.5	52.5	105	140	81	86	111(2)	62.5
CVS400/630	127.5	255	142.5	200	237	227.5	355	242.5	300	337	70	140	185	95.5	110	168	100
Туре	E2	E3	E4	E5	E6	E7	E8	F1	F2	F3	G1	G2	G3	G4	G5	ØТ	U
CVS100/160/250	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
(0) 00-100	Con Do		50D/E														

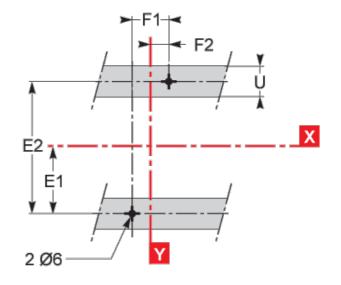
(2) C3=126mm for EasyPact CVS250B/F.

Assembly









А	A1	A2	A3	A4	A5	A6	A7	A8	A9	в	B1	B2	C1	C2	C3	E1
80.5	161	94	145	178.5	155.5	236	169	220	253.5	52.5	105	140	81	86	111(2)	62.5
127.5	255	142.5	200	237	227.5	355	242.5	300	337	70	140	185	95.5	110	168	100
E2	E3	E4	E5	E6	E7	E8	F1	F2	F3	G1	G2	G3	G4	G5	ØТ	U
125	70	140	137.5	200	145	215	35	17.5	70	95	75	13.5	23	17.5	24	y 32
200	113.5	227	200	300	213.5	327	45	22.5	90	-	-	-	-	-	32	y 35
	80.5 127.5 E2 125	80.5 161 127.5 255 E2 E3 125 70	80.5 161 94 127.5 255 142.5 E2 E3 E4 125 70 140	B0.5 161 94 145 127.5 255 142.5 200 E2 E3 E4 E5 125 70 140 137.5	80.5 161 94 145 178.5 127.5 255 142.5 200 237 E2 E3 E4 E5 E6 125 70 140 137.5 200	80.5 161 94 145 178.5 155.5 127.5 255 142.5 200 237 227.5 E2 E3 E4 E5 E6 E7 125 70 140 137.5 200 145	80.5 161 94 145 178.5 155.5 236 127.5 255 142.5 200 237 227.5 355 E2 E3 E4 E5 66 F7 E8 125 70 140 137.5 200 145 215	80.5 161 94 145 178.5 155.5 236 169 127.5 255 142.5 200 237 227.5 355 242.5 E2 E3 E4 E5 E6 E7 E8 F1 125 70 140 137.5 200 145 215 35	80.5 161 94 145 178.5 155.5 236 169 220 127.5 255 142.5 200 237 227.5 355 242.5 300 E2 E3 E4 E5 E6 E7 E8 F1 F2 125 70 140 137.5 200 145 215 35 17.5	80.5 161 94 145 178.5 155.5 236 169 220 253.5 127.5 255 142.5 200 237 227.5 355 242.5 300 337 E2 E3 E4 E6 E6 E7 E8 F1 F2 F3 125 70 140 137.5 200 145 215 35 17.5 70	80.5 161 94 145 178.5 155.5 236 169 220 253.5 52.5 127.5 255 142.5 200 237 227.5 355 242.5 300 337 70 E2 E3 E4 E5 E6 E7 E8 F1 F2 F3 G1 125 70 140 137.5 200 145 215 35 17.5 70 95	80.5 161 94 145 178.5 155.5 236 169 220 253.5 52.5 105 127.5 255 142.5 200 237 227.5 355 242.5 300 337 70 140 E2 E3 E4 E5 E6 E7 E8 F1 F2 F3 G1 G2 125 70 140 137.5 200 145 215 35 17.5 70 95 75	80.5 161 94 145 178.5 155.5 236 169 220 253.5 52.5 105 140 127.5 255 142.5 200 237 227.5 355 242.5 300 337 70 140 185 E2 E3 E4 E5 E6 E7 E8 F1 F2 F3 G1 G2 G3 125 70 140 137.5 200 145 215 35 17.5 70 95 75 13.5	80.5 161 94 145 178.5 155.5 236 169 220 253.5 52.5 105 140 81 127.5 255 142.5 200 237 227.5 355 242.5 300 337 70 140 185 95.5 E2 E3 E4 E5 E6 E7 E8 F1 F2 F3 G1 G2 G3 G4 B2 95.75 13.5 23 125 70 140 137.5 200 145 215 35 17.5 70 95 75 13.5 23	80.5 161 94 145 178.5 155.5 236 169 220 253.5 52.5 105 140 81 86 127.5 255 142.5 200 237 227.5 355 242.5 300 337 70 140 185 95.5 110 E2 E3 E4 E5 E6 E7 E8 F1 F2 F3 G1 G2 G3 G4 G5 110 125 70 140 137.5 200 145 215 35 17.5 70 95 75 13.5 23 17.5	80.5 161 94 145 178.5 155.5 236 169 220 253.5 52.5 105 140 81 86 111 ^(#) 127.5 255 142.5 200 237 227.5 355 242.5 300 337 70 140 185 95.5 110 168 E2 E3 E4 E5 E6 E7 E8 F1 F2 F3 G1 G2 G3 G4 G5 07 140 18.5 95.5 110 168 E2 E3 E4 E5 66 E7 E8 F1 F2 F3 G1 G2 G3 G4 G5 ØT 125 70 140 137.5 200 145 215 35 17.5 70 95 75 13.5 23 17.5 24

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

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Performance Curves

