

Product data sheet

Specifications



circuit breaker EasyPact CVS100F,
36 kA at 415 VAC, 25 A rating
magnetic MA trip unit, 3P 3d

LV510443

Main

Range	EasyPact
Product name	EasyPact CVS
Device short name	CVS100F
Product or component type	Circuit breaker
Device application	Motor
Poles description	3P
Protected poles description	3D
Earth leakage protection (Vigi add on)	Without
[In] rated current	25 A at 40 °C
Network type	AC
Utilisation category	Category A
[Icu] Breaking capacity	36 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 36 kA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 70 kA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2
Trip unit name	MA
Trip unit technology	Magnetic
Trip unit rating	25 A at 40 °C
Protection type	Short-circuit protection (magnetic)

Complementary

[Uimp] rated impulse withstand voltage	8 kV conforming to EN/IEC 60947-2
Network frequency	50/60 Hz
Breaking capacity code	F
[Ics] rated service breaking capacity	18 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 36 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 70 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
Short-time pick-up adjustment type Isd	Adjustable

[Isd] short-time pick-up adjustment range	6...14 x In
Instantaneous pick-up adjustment type li	Adjustable
Instantaneous pick-up adjustment range	6...14 x In
Contact position indicator	Yes
Mounting mode	Fixed
Mounting support	Backplate
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	1.8 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	-25...70 °C
Ambient air temperature for storage	-50...85 °C

Packing Units

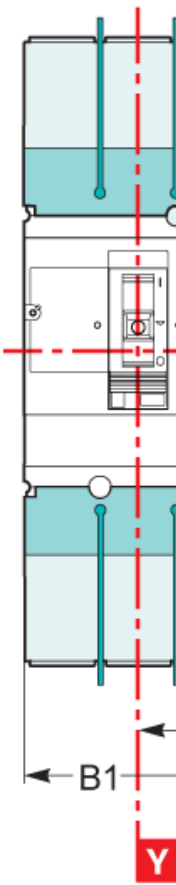
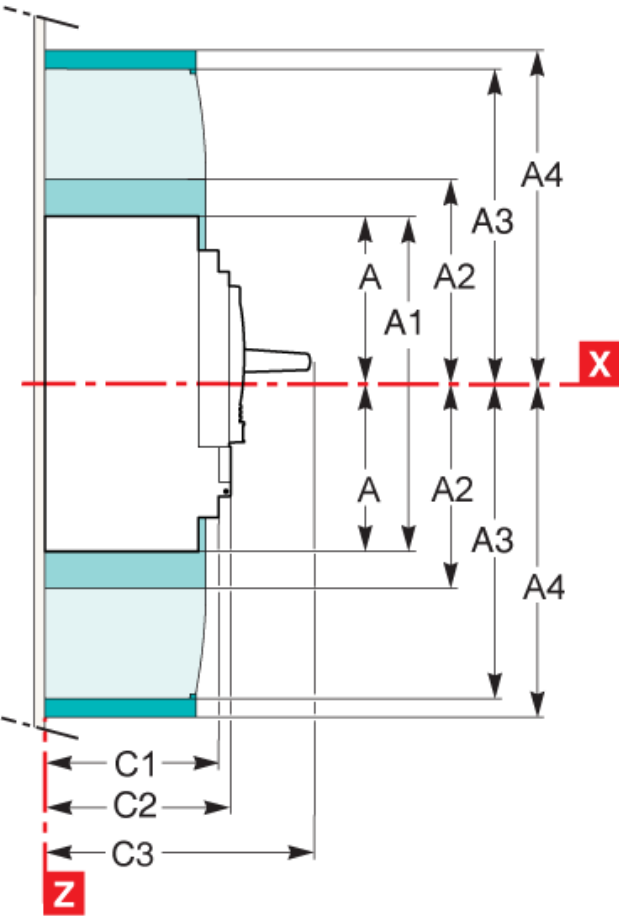
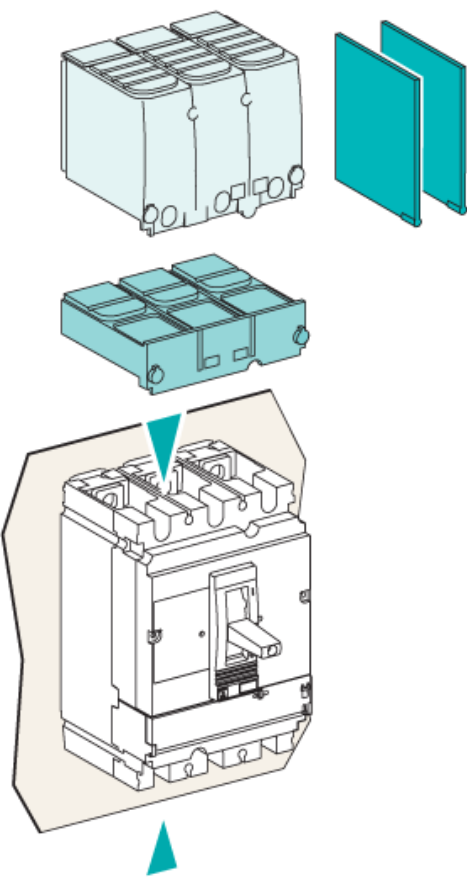
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	15.8 cm
Package 1 Width	9 cm
Package 1 Length	10.2 cm
Package 1 Weight	2.3 kg
Unit Type of Package 2	BB1
Number of Units in Package 2	1
Package 2 Height	15.8 cm
Package 2 Width	9 cm
Package 2 Length	10.2 cm
Package 2 Weight	2.4 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	18 months
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Type	A	A1	A2	A3	A4	A5	A6	A7	A8	A9	B	B1	B2	C1	C2	C3	E1
CVS100/160/250	80.5	161	84	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
Type	E2	E3	E4	E5	E6	E7	E8	F1	F2	F3	G1	G2	G3	G4	G5	G7	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 CVS2500.F.

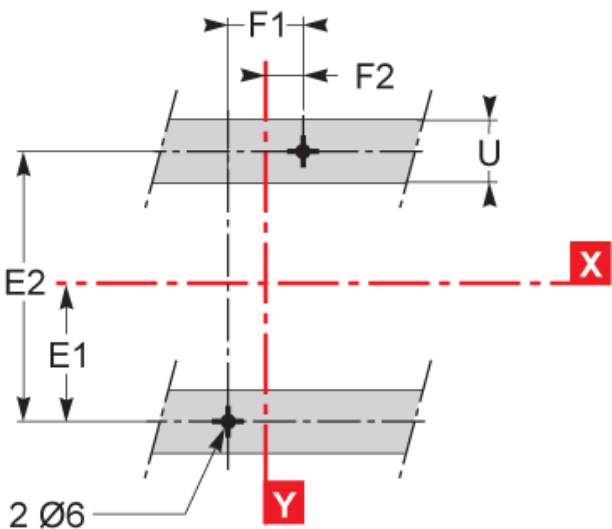
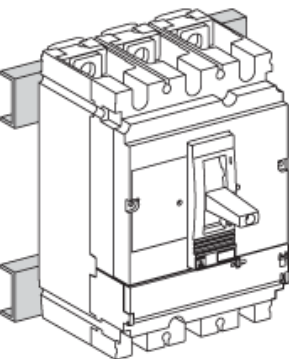
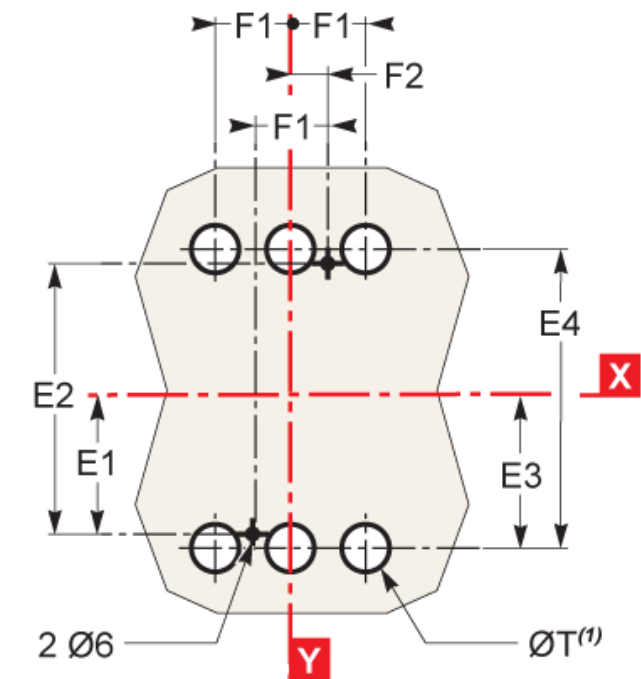
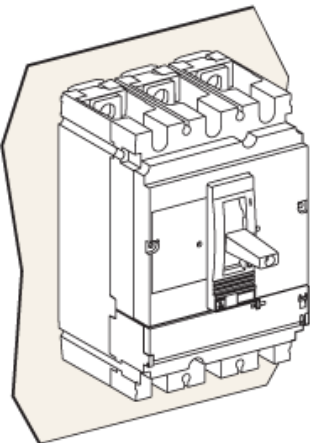


Table with dimensions for various circuit breaker types (CVS100/160/250, CVS400/630) including parameters A, A1, A2, A3, A4, A5, A6, A7, A8, A9, B, B1, B2, C1, C2, C3, E1, E2, E3, E4, E5, E6, E7, E8, F1, F2, F3, G1, G2, G3, G4, G5, ØT, U.

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

Recommended replacement(s)