

Product datasheet

Specifications



circuit breaker, EasyPact CVS400F,
36kA at 415VAC, 400A, ETS 2.3
electronic trip unit, 3P3d

LV540505

Main

Range	EasyPact
Range of product	EasyPact CVS400...630
product name	EasyPact CVS
Device short name	CVS400F
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	400 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 36 kA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 30 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2
Trip unit name	ETS 2.3
Trip unit technology	Electronic
Trip unit rating	400 A at 40 °C
Protection type	Instantaneous short-circuit protection Overload protection (long time) Short time short-circuit protection

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	40 kA at 220/240 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 23 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical durability	15000 cycles
Electrical durability	6000 cycles 415 V In conforming to IEC 60947-2
Trip unit protection functions	LSol
control type	Toggle
Long time pick-up adjustment type Ir	Adjustable 9 settings

Long time pick-up adjustment range	160...400 A
Long time delay adjustment type	Fixed
[tr] long-time delay adjustment range	5.5 s at 7.2 x Ir 8 s at 6 x Ir 200 s at 1.5 x Ir
Thermal memory	Yes
Short-time pick-up adjustment type Isd	Adjustable 9 settings
[Isd] short-time pick-up adjustment range	1.5...10 x Ir
Short-time delay adjustment type	Fixed
Instantaneous pick-up adjustment type li	Fixed
Instantaneous pick-up adjustment range	11 x In
Contact position indicator	Yes
Mounting support	Backplate
Mounting mode	Fixed
Upside connection	Front
Downside connection	Front
Connections - terminals	Screw connection
Connection pitch	45 mm
Compatibility code	CVS400
Width	140 mm
Depth	110 mm
Height	255 mm
Product weight	4.7 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	-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	15.5 cm
Package 1 Width	15.2 cm
Package 1 Length	28.8 cm
Package 1 Weight	5.16 kg

Unit Type of Package 2	CAR
Number of Units in Package 2	3
Package 2 Height	23.9 cm
Package 2 Width	37.402 cm
Package 2 Length	49.612 cm
Package 2 Weight	16.963 kg
Unit Type of Package 3	PAL
Number of Units in Package 3	48
Package 3 Height	90.0 cm
Package 3 Width	80.0 cm
Package 3 Length	120.0 cm
Package 3 Weight	282840.0 g



Environmental Data

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

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle) **868**

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard **Yes**

Packaging without single use plastic **No**

China RoHS Regulation [China RoHS declaration](#)

Use Again

Repack and remanufacture

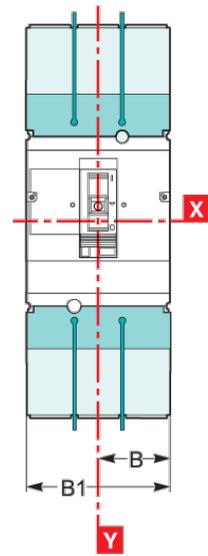
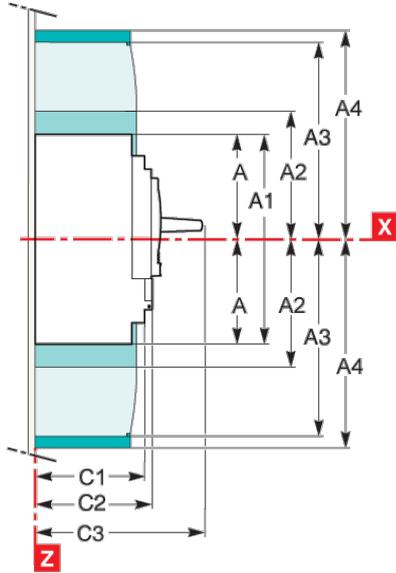
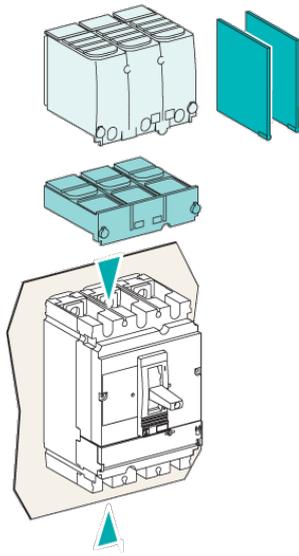
Circularity Profile [End of Life Information](#)

WEEE  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Halogen content performance **Halogen free plastic parts product**

Take-back **No**

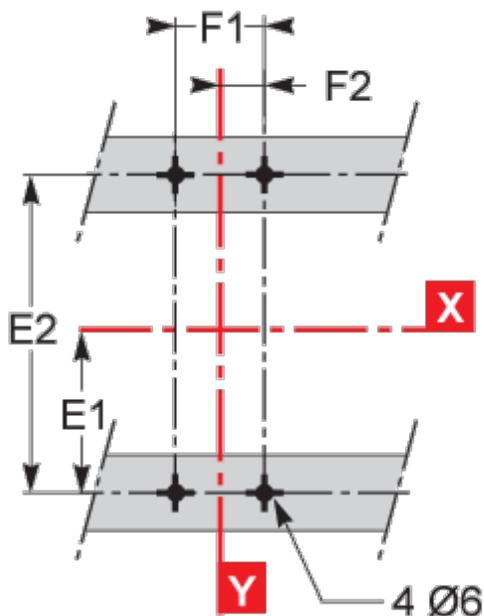
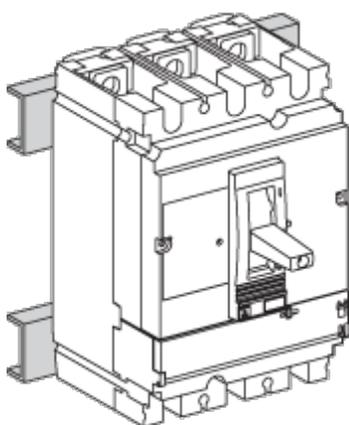
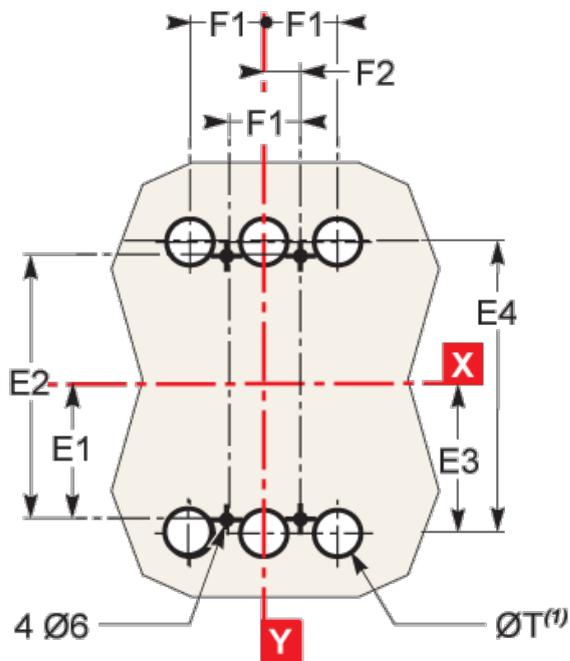
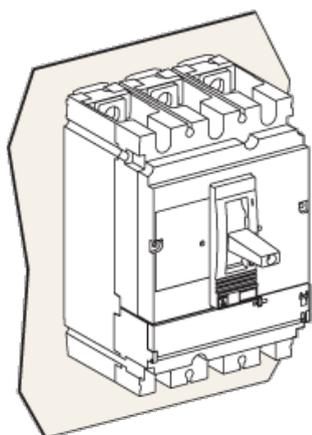
Dimensions Drawings



Type	A	A1	A2	A3	A4	A5	A6	A7	A8	A9	B	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
Type	E2	E3	E4	E5	E6	E7	E8	F1	F2	F3	G1	G2	G3	G4	G5	ØT	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



Type	A	A1	A2	A3	A4	A5	A6	A7	A8	A9	B	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
Type	E2	E3	E4	E5	E6	E7	E8	F1	F2	F3	G1	G2	G3	G4	G5	ØT	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

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Performance Curves

