Product datasheet

Specification





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

LV540505

Main

Range	EasyPact								
Range of product	EasyPact CVS400630								
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							
[lcs] 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							

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Long time pick-up adjustment range	160400 A
Long time delay adjustment type	Fixed
[tr] long-time delay adjustment range	5.5 s at 7.2 x lr 8 s at 6 x lr 200 s at 1.5 x lr
thermal memory	Yes
Short-time pick-up adjustment type Isd	Adjustable 9 settings
[Isd] short-time pick-up adjustment range	1.510 x lr
Short-time delay adjustment type	Fixed
Instantaneous pick-up adjustment type li	Fixed
instantaneous pick-up adjustment range	11 x ln
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
net 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	-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	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

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.

Learn more about Green Premium >

Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance

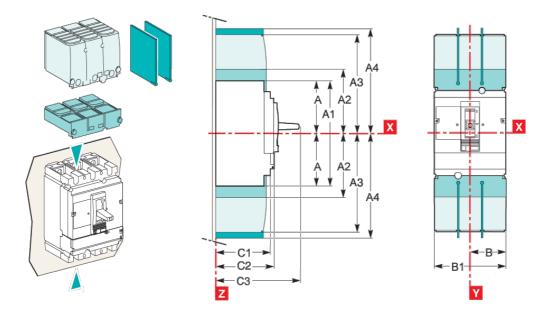
	Mercury Free	
⊘	Rohs Exemption Information	Yes
⊘	Halogen Free Plastic Parts Product	

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	End of Life Information

LV540505

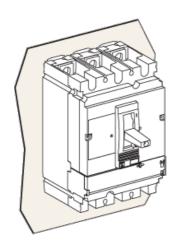
Dimensions Drawings

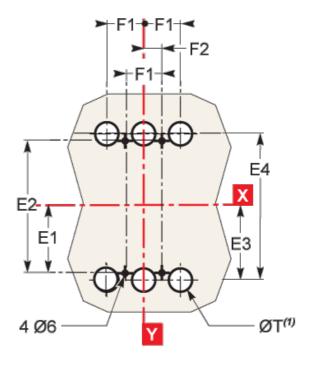


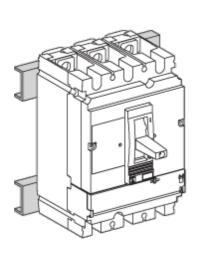
Туре	Α	A1	A2	A3	A4	A5	A6	A7	A8	A9	В	B1	B2	C1	C2	C3	E1
CV8100160/250	66.5	161	64	146	179.5	155.5	226	169	226	250.5	52.5	105	140	81	66	111	62.5
C245/4000930	127,5	255	142,5	200	297	227.5	3.55	242.5	3.00	337	700	140	188	95.5	110	168	100
Type	E2	E3	E4	E5	E6	E7	E8	F1	F2	F3	G1	G2	G3	G4	G5	ØT	U
CVB100M60/250	125	FE	140	137.5	200	145	215	216	17.5	70	56	78	13.5	25	17.5	24	y 32
CV5401481	200	113.5	223	200	200	2135	327	45	22.5	90	-	00	-	-		32	y 35

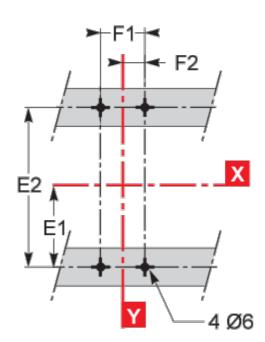
[2] CJ-126mm for EasyPast CVS2509JF.

Assembly









Type	Α	A1	A2	A3	A4	A/5	A6	A7	A8	A9	В	B1	B2	C1	C2	C3	E1
CV8100160/250	66.5	161	64	146	179.5	155.5	236	169	226	250,5	52.5	105	946	-81	96	1116	62.5
C245/40009290	127.5	255	142,5	200	297	227.5	3.65	242.5	300	337	70	140	188	95.5	110	168	100
Type	E2	E3	E4	E5	E6	E7	Ш8	F1	F2	F3	G1	G2	G3	G4	G5	ØT	U
CWE100MG0/250	125	FE	14D	137.5	200	145	215	216	17.5	70	SB	78	13.5	25	17.5	24	y 32
CV5400430	200	113.5	227	200	200	2125	327	45	22.5	90	-	000	-	00	-	32	y 35

[2] CJ-126mm for EasyPast CVS2509JF.

Performance Curves

