

# Product datasheet

Specifications



circuit breaker EasyPact CVS250F,  
36 kA at 415 VAC, 160 A rating  
thermal magnetic TM-D trip unit, 4P  
3d

LV525341

! Discontinued

! Discontinued on: 14 Apr 2023

**Price: 404,649.72 NGN**

## Main

Range	EasyPact
Range of product	EasyPact CVS100...250
Product name	EasyPact CVS
Device short name	CVS250F
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	160 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	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	160 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	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
Neutral position	Left
Mechanical durability	20000 cycles
Electrical durability	10000 cycles 415 V In conforming to IEC 60947-2

Control type	Toggle
Thermal protection adjustment range	112...160 A
Neutral protection setting	No protection (3D)
Long time pick-up adjustment type I <sub>r</sub>	Adjustable
Long time pick-up adjustment range	0.7...1 x I <sub>n</sub>
Long time delay adjustment type	Fixed
Instantaneous pick-up adjustment type I <sub>i</sub>	Fixed
Instantaneous pick-up adjustment range	1250 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	CVS250
Width	140 mm
Depth	86 mm
Height	161 mm
Net weight	2.6 kg

## Environment

Standards	IEC 60947-2 EN 60947-2
Product certifications	GOST IEC
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	14 cm
Package 1 Width	15 cm
Package 1 Length	19 cm
Package 1 Weight	2.89 kg
Unit Type of Package 2	S03
Number of Units in Package 2	6

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Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	17.34 kg

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## Contractual warranty

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Warranty (in months)	18
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## 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

Total lifecycle Carbon footprint	277 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	18 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.8 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	254 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	5 kg CO2 eq.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

## Use Better



### Materials and Substances

SCIP Number	49bf38c5-56a0-475d-90bd-a88ef3d2ace2
EU RoHS Directive	<a href="#">Compliant By Exemption</a>

## Use Longer



### Lifetime extension

Repair	No
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## Use Again



### Repack and remanufacture

End of life manual availability	<a href="#">End of Life Information</a>
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

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 <sup>(2)</sup>	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 <sup>(2)</sup>	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	y32
CVS400/630	200	113.5	227	200	300	213.5	327	45	22.5	90	-	-	-	-	-	32	y35

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

Performance Curves

