

Product data sheet

Specifications



EasyPact CVS - Vigi CVS160N circuit breaker - 3P/3d - VIJ

LV516526

⚠ Discontinued on: Jun 30, 2023

⚠ Discontinued

Main

Range	EasyPact
Range Of Product	EasyPact CVS100...250
Product Name	EasyPact CVS
Device Short Name	Vigi CVS160N
Product Or Component Type	Earth leakage circuit breaker
Device Application	Distribution
Poles Description	3P
Protected Poles Description	3D
Earth Leakage Protection (Vigi Add On)	With
[In] Rated Current	100 A at 40 °C
Network Type	AC
Utilisation Category	Category A
[Icu] Breaking Capacity	50 kA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 40 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 80 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	100 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	N
[Ics] Rated Service Breaking Capacity	30 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 50 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 80 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical Durability	25000 cycles
Electrical Durability	12000 cycles 415 V In conforming to IEC 60947-2
Control Type	Toggle
Thermal Protection Adjustment Range	0...100 A

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Long Time Pick-Up Adjustment Type Ir	Adjustable
Long Time Pick-Up Adjustment Range	0.7...1 x In
Long Time Delay Adjustment Type	Fixed
[Tr] Long-Time Delay Adjustment Range	200 ms
Short-Time Delay Adjustment Type	Fixed
Instantaneous Pick-Up Adjustment Type Ii	Fixed
Instantaneous Pick-Up Adjustment Range	800 A
Earth-Leakage Add-On Module Name	VIJ
Earth-Leakage Protection Class	Class AC
Residual Earth-Leakage Sensitivity Adjustment Type	Adjustable 3 settings
[I _{Δn}] Residual Earth-Leakage Sensitive Adjustment	0.5 A 0.1 A 0.3 A
Residual Earth-Leakage Time Delay Adjustment Type	Fixed
[Δt] Residual Earth-Leakage Time Delay Adjustment	200 ms
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	CVS160
Width	105 mm
Depth	86 mm
Height	236 mm

Environment

Standards	IEC 60947-2 EN 60947-2
Product Certifications	GOST IEC
Electrical Shock Protection Class	Class II
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	13.0 cm

Package 1 Width	10.5 cm
Package 1 Length	23.3 cm
Package 1 Weight	3120.0 g
Unit Type Of Package 2	CAR
Number Of Units In Package 2	4
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	12.48 kg
Unit Type Of Package 3	PAL
Number Of Units In Package 3	48
Package 3 Height	104.0 cm
Package 3 Width	60.0 cm
Package 3 Length	80.0 cm
Package 3 Weight	156.96 kg

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class 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](#)

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