# **Product datasheet**

Specifications





## circuit breaker, EasyPact CVS160N, 50kA at 415VAC, ETS 2.2, 160A, 3P 3d

LV516507

#### Main

Range	EasyPact
Range Of Product	EasyPact CVS100250
Product Name	EasyPact CVS
Device Short Name	CVS160N
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	160 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	ETS 2.2
Trip Unit Technology	Electronic
Protection Type	Short time short-circuit protection with fixed delay Overload protection (long time) Instantaneous 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	Ν	
[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	
Long Time Pick-Up Adjustment Type Ir	Adjustable 9 settings	
Long Time Pick-Up Adjustment Range	63160 A	
Long Time Delay Adjustment Type	Fixed	

[Tr] Long-Time Delay Adjustment Range	11 s at 7.2 x lr 16 s at 6 x lr
	400 s at 1.5 x lr
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
[Tsd] Short-Time Delay Adjustment Range	0.02 s
Instantaneous Pick-Up Adjustment Type li	Fixed
Instantaneous Pick-Up Adjustment Range	2400 A
Contact Position Indicator	Yes
Mounting Support	Backplate
Mounting Mode	Fixed
Upside Connection	Front
Downside Connection	Front
<b>Connections - Terminals</b>	Screw connection
Connection Pitch	35 mm
Compatibility Code	CVS160
Width	105 mm
Depth	86 mm
Height	161 mm
Net Weight	2.0 kg

### Environment

Standards	IEC 60947-2 EN 60947-2
Product Certifications	CCC CB
Electrical Shock Protection Class	Class II
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	16.1 cm
Package 1 Width	10.5 cm
Package 1 Length	8.6 cm
Package 1 Weight	2.05 kg
Unit Type Of Package 2	\$02
Number Of Units In Package 2	4
Package 2 Height	15 cm

Package 2 Width	30 cm	
Package 2 Length	40 cm	
Package 2 Weight	8.2 kg	

## Sustainability Screen Premium

**Green Premium<sup>TM</sup> 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-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Yes

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency RoHS/REACh

#### Well-being performance

Mercury Free

Rohs Exemption Information

#### **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	No need of specific recycling operations Circularity Profile