# **Product datasheet**

Specifications





# Easypact CVS - CVS100B 6.2 100A circuit breaker - 4P

LV510619

#### Main

Range	EasyPact
Product or component type	Circuit breaker
Device short name	CVS100B
Device application	Distribution

## Complementary

complementary		
poles description	4P	
Protected poles description	4D 3D 3D + N/2	
Neutral position	Left	
network type	AC	
Network frequency	50/60 Hz	
Control type	Toggle	
Mounting mode	Fixed	
Mounting support	Backplate	
Upside connection	Front	
downside connection	Front	
[In] rated current	100 A at 40 °C	
[Ui] rated insulation voltage	690 V AC 50/60 Hz conforming to EN/IEC 60947-2	
[Uimp] rated impulse withstand voltage	8 kV conforming to EN/IEC 60947-2	
[Ue] rated operational voltage	440 V AC 50/60 Hz conforming to EN/IEC 60947-2	
Breaking capacity code	В	
Breaking capacity	70 kA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 50 kA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 42 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2	
[Ics] rated service breaking capacity	70 kA at 220/240 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 32 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2	
Suitability for isolation	Yes conforming to EN/IEC 60947-2	
Utilisation category	Category A	
Mechanical durability	30000 cycles	
Electrical durability	12000 cycles 415 V In conforming to IEC 60947-2 30000 cycles 415 V In/2 conforming to IEC 60947-2	

35 mm	
ETS 6.2	
Electronic	
LSIG	
100 A at 40 °C	
Overload protection (long time) Ground fault protection Instantaneous short-circuit protection Short time short-circuit protection	
Adjustable	
40100 A	
Adjustable	
15400 s at 1.5 x lr 0.3511 s at 7.2 x lr 0.516 s at 6 x lr	
20 minutes before and after tripping	
Adjustable	
1.510 x lr	
Adjustable	
00.4 s	
Adjustable	
1.515 x In Easypact CVS100	
Adjustable	
Adjustable	
00.4 s	
20100 A	
Without	
LCD display	
Class II	
Maintenance indicators	
161 mm	
140 mm	

## Environment

Standards	IEC 60947-2 EN 60947-2	
Product certifications	СВ	
IP degree of protection	IP40 conforming to IEC 60529	
IK degree of protection	IK07 conforming to IEC 62262	
Pollution degree	3 conforming to IEC 60664-1	
Ambient air temperature for operation	-2570 °C	

Ambient air temperature for storage	-5085 °C
Net weight	2.05 kg

# **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	2.32 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.

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Yes

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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
Circularity Profile	No need of specific recycling operations Circularity Profile