Product datasheet

Specifications

Green Premium™

electronic VAR compensator/static VAR generator, PowerLogic AccuSine EVC+, 100 kvar, 208-480 V, IP20 wall mount

EVCP100D5W20

Main

Product name	AccuSine EVC+
Product or component type	Electronic VAR compensator

Complementary

Network type	3P
Network configuration	3 or 4 wires
Network rated voltage	208…480 V AC
Network frequency	50/60 Hz +/- 3 % auto-sensing
Maximum permissible voltage	1.1 x Un
Reactive power rating	100 kvar 380 V AC 50/60 Hz 100 kvar 480 V AC 50/60 Hz 63 kvar 240 V AC 50/60 Hz 55 kvar 208 V AC 50/60 Hz
Operating mode	Power factor correction Displacement power factor correction Mains current balancing Phase harmonic correction
Installation location	Indoor
enclosure mounting	Wall mounted
Protection type	Internal by fuse
Disconnect type	Electronic
Heat dissipation	Rear plenum with forced ventilation for high heat flow
Electromagnetic compatibility	Emission tests, class A conforming to EN 61000-6-4 Immunity for industrial environments conforming to EN 61000-6-2
accessibility for operation	Front
Location of connection	Bottom

Environment

Enclosure degree of protection	IP20
Environmental characteristic	Operating: 3C2 conforming to IEC 60721-3-3 Operating: 3S2 conforming to IEC 60721-3-3 Storage: 3C3 conforming to IEC 60721-3-3 Storage: 3S3 conforming to IEC 60721-3-3
Operating altitude	1000 m <= 4800 m 1 % per 100 m <= 4800 m
Ambient air temperature for operation	0…50 °C 50…52 °C maximum with current derating of 2 % per °C

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Relative humidity	0…95 %
PCBA protection	Conformal coated
Standards	CSA C22.2 No 14 ISO 9001 IEEE 519-2014 IEC 62477-1 IEC 61439-1
Product certifications	CE RCM
Ambient air temperature for storage	-20…60 °C
Net weight	90 kg
Height	1260 mm
Width	440 mm
Depth	280 mm
Colour	White

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	51.000 cm
Package 1 Width	137.000 cm
Package 1 Length	53.000 cm
Package 1 Weight	123.000 kg

Sustainability

Green Premium^{TM} 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-CO_2 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

Eu Rohs Directive   Compliant with Exemptions

China Rohs Regulation   China RoHS declaration

Environmental Disclosure   Product Environmental Profile

Circularity Profile   End of Life Information