

Product data sheet

Specifications



electronic VAR compensator/static
VAR generator, PowerLogic
AccuSine EVC+, 100 kvar, 208-480
V, IP31 wall mount

EVCP100D5W31

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	IP31
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

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

Relative humidity	0...95 %
PCBA protection	Conformal coated
Standards	UL 508 CSA C22.2 No 14 ISO 9001 IEEE 519-2014 IEC 62477-1 IEC 61439-1
Product certifications	CE cULus RCM
Ambient air temperature for storage	-20...60 °C
Product weight	130 kg
Height	1685 mm
Width	540 mm
Depth	383 mm
Colour	White

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	61.000 cm
Package 1 Width	180.000 cm
Package 1 Length	63.000 cm
Package 1 Weight	201.999 kg

Contractual warranty

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	209 ton CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	2 245 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	223 kg CO2 eq.
Carbon footprint of the installation phase [A5]	13 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	206 ton CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	284 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	B8c4ae3f-d4e6-480e-9d31-e612ad50f126
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	77
End of life manual availability	End of Life Information
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins