

Product data sheet

Specifications



Electronic VAR compensator/static VAR generator, PowerLogic AccuSine EVC+, 100kvar, 208-480V, UL2 wall mount

EVCP100D5W02

Product availability: Stock - Normally stocked in distribution facility

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
Input 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 EN 61000-6-4 Immunity for industrial environments EN 61000-6-2
Accessibility for operation	Front
Location of connection	Bottom

Environment

Enclosure degree of protection	UL type 2
Environmental characteristic	Operating 3C2 IEC 60721-3-3 Operating 3S2 IEC 60721-3-3 Storage 3C3 IEC 60721-3-3 Storage 3S3 IEC 60721-3-3
Operating altitude	3280.84 ft (1000 m) <= 4800 m 1 % per 100 m <= 4800 m

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Ambient air temperature for operation	32...122 °F (0...50 °C) 122...126 °F (50...52 °C) maximum with current derating of 2 % per °C
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	-4...140 °F (-20...60 °C)
Product Weight	286.6 lb(US) (130 kg)
Height	66.3 in (1685 mm)
Width	21.3 in (540 mm)
Depth	15.08 in (383 mm)
color	White

Ordering and shipping details

Category	US1DE2C00089
Discount Schedule	DE2C
GTIN	3606482048003
Returnability	Yes
Country of origin	IN

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	16.5 in (42 cm)
Package 1 Width	23.6 in (60 cm)
Package 1 Length	69.5 in (176.5 cm)
Package weight(Lbs)	368.2 lb(US) (167 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	208 ton CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	1 856 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	184 kg CO2 eq.
Carbon footprint of the installation phase [A5]	11 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]	235 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
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Use Longer




Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	77
Circularity Profile	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.

Technical Illustration

Dimensions

