Product data sheet

Specifications

Electronic VAR compensator/static VAR generator, PowerLogic AccuSine EVC+, 100kvar, 208-480V, UL1 wall mount

EVCP100D5W01

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 1
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.

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

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)
Net Weight	242.5 lb(US) (110 kg)
Height	68.5 in (1740 mm)
Width	17.5 in (445 mm)
Depth	11.02 in (280 mm)
color	White

Ordering and shipping details

Category	US1DE2C00089
Discount Schedule	DE2C
GTIN	3606482047990
Returnability	Yes
Country of origin	IN

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	12.6 in (32 cm)
Package 1 Width	22.4 in (57 cm)
Package 1 Length	70.9 in (180 cm)
Package weight(Lbs)	251.5 lb(US) (114.1 kg)

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

Carbon footprint (kg CO2 eq, Total Life cycle)	**207739**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**No**
EU RoHS Directive	**Compliant with Exemptions**
SCIP Number	**B8c4ae3f-d4e6-480e-9d31-e612ad50f126**
REACh Regulation	**REACh Declaration**
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 Again

Repack and remanufacture

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.**