

Product data sheet

Specifications



Electronic VAR control 300 amp 208-240 VAC N2 Enclosure

EVCP300D2IP54

 To be discontinued on: Jun 30, 2024

 To be discontinued

Main

Range Of Product	AccuSine
Product Name	AccuSine PFV+
Product Or Component Type	Electronic VAR controller

Complementary

Network Type	3P
Network Configuration	3 or 4 wires
Network Rated Voltage	208...240 V AC
Network Frequency	50/60 Hz +/- 3 % auto-sensing
Maximum Permissible Voltage	1.1 x Un
Rms Output Current Rating	300 A
Reactive Power Rating	124.7 kvar 240 V AC 50/60 Hz
Operating Mode	Volt-var support Power factor correction Mains current balancing
Installation Location	Indoor
Enclosure Mounting	Floor-standing
Protection Type	Circuit breaker protection
Disconnect Type	Door-interlocked with rotary handle
Interrupt Capacity	200 kA
Heat Dissipation	Rear plenum with forced ventilation for high heat flow
Electromagnetic Compatibility	Conducted EMC, class A conforming to EN 61000-6-4
Accessibility For Operation	Front
Location Of Connection	Top or bottom

Environment

Enclosure Degree Of Protection	IP54
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 1 % per 100 m

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	0...40 °C 0...50 °C maximum with current derating of 2 % per °C
Relative Humidity	0...95 %
Pcba Protection	Conformal coated
Standards	CSA C22.2 No 14 UL 508 UL 60947-1 EN 61000-6-4 EN 60439-1 CSA C22.2 No 60947-1-07
Product Certifications	ABS cULus CE RCM
Ambient Air Temperature For Storage	-20...60 °C
Height	2100 mm
Width	900 mm
Depth	600 mm
Colour	Light grey (RAL 7035)

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Weight	530.703 kg

Sustainability

Green Premium™ 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-CO₂ 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

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Certifications & Standards

Reach Regulation	REACH Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information