

Product data sheet

Specifications



Electronic VAR control 47 amp 500-600 VAC N12 Enclosure

EVCP047D6N12

⚠ To be discontinued on: Jun 30, 2024

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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	500...600 V AC
Network Frequency	50/60 Hz +/- 3 % auto-sensing
Maximum Permissible Voltage	1.1 x Un
Rms Output Current Rating	47 A
Reactive Power Rating	49 kvar 600 V AC 50/60 Hz
Operating Mode	Volt-var support Mains current balancing Power factor correction
Installation Location	Indoor
Enclosure Mounting	Floor-standing
Protection Type	Circuit breaker protection
Disconnect Type	Door-interlocked with rotary handle
Interrupt Capacity	100 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	UL type 12
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	EN 60439-1 UL 60947-1 EN 61000-6-4 UL 508 CSA C22.2 No 14 CSA C22.2 No 60947-1-07
Product Certifications	CE ABS RCM cULus
Ambient Air Temperature For Storage	-20...60 °C
Net Weight	380 kg
Height	2100 mm
Width	1300 mm
Depth	500 mm
Colour	Light grey (RAL 7035)

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	233.1 cm
Package 1 Width	104.8 cm
Package 1 Length	162.9 cm
Package 1 Weight	620.0 kg

Contractual warranty

Warranty	18 months
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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 >](#)

Well-being performance

✔ Toxic Heavy Metal Free

✔ Mercury Free

✔ Rohs Exemption Information [Yes](#)

Eu Rohs Directive Compliant
[EU RoHS Declaration](#)

China Rohs Regulation [China RoHS declaration](#)
Product out of China RoHS scope. Substance declaration for your information

Weee The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

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