

Product data sheet

Specifications



Electronic VAR control - 120 A 380..480 V AC - IP00 enclosure

EVCP120D5IP00

 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	380...480 V AC
Network Frequency	50/60 Hz +/- 3 % auto-sensing
Maximum Permissible Voltage	1.1 x Un
Rms Output Current Rating	120 A
Reactive Power Rating	100 kvar 480 V AC 50/60 Hz
Operating Mode	Power factor correction Volt-var support Mains current balancing
Installation Location	Indoor
Enclosure Mounting	Wall mounted
Protection Type	Without protection
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	Bottom

Environment

Enclosure Degree Of Protection	IP00
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
Ambient Air Temperature For Operation	0...40 °C 0...50 °C maximum with current derating of 2 % per °C
Relative Humidity	0...95 %

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

Pcba Protection	Conformal coated
Standards	CSA C22.2 No 60947-1-07 UL 508 EN 61000-6-4 UL 60947-1 CSA C22.2 No 14 EN 60439-1
Product Certifications	cULus DNV-GL CE ABS RCM
Ambient Air Temperature For Storage	-20...60 °C
Net Weight	110 kg
Height	1400 mm
Width	421 mm
Depth	384 mm
Colour	Light grey (RAL 7035)

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	71.500 cm
Package 1 Width	73.500 cm
Package 1 Length	174.000 cm
Package 1 Weight	165.973 kg

Contractual warranty

Warranty	18 months
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Sustainability

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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[Guide to assess a product's sustainability >](#)

Well-being performance

✓	Reach Free Of Svhc	
✓	Toxic Heavy Metal Free	
✓	Mercury Free	
✓	Rohs Exemption Information	Yes
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	
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	