

Product data sheet

Specifications



Electronic VAR control - 120 A 380..480 V AC - IP31 enclosure

EVCP120D5IP31

Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 102,175.66 USD

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
Input 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 Mains current balancing Volt-var support
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 EN 61000-6-4
Accessibility For Operation	Front
Location Of Connection	Top or bottom

Environment

Enclosure Degree Of Protection	IP31
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) 1 % per 100 m
Ambient Air Temperature For Operation	32...104 °F (0...40 °C) 32...122 °F (0...50 °C) maximum with current derating of 2 % per °C

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

Relative Humidity	0...95 %
Pcba Protection	Conformal coated
Standards	EN 61000-6-4 UL 60947-1 CSA C22.2 No 60947-1-07 UL 508 CSA C22.2 No 14 EN 60439-1
Product Certifications	cULus CE RCM ABS
Ambient Air Temperature For Storage	-4...140 °F (-20...60 °C)
Net Weight	559.97 lb(US) (254 kg)
Height	82.68 in (2100 mm)
Width	31.50 in (800 mm)
Depth	19.69 in (500 mm)
Color	Light gray RAL 7035)

Ordering and shipping details

Category	US1DE2C00089
Discount Schedule	DE2C
Gtin	3606480851599
Returnability	No

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	89.76 in (228.000 cm)
Package 1 Width	47.24 in (120.000 cm)
Package 1 Length	41.73 in (106.000 cm)
Package 1 Weight	796.93 lb(US) (361.481 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.

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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	