

Product data sheet

Specifications



Electronic VAR control 157 amp 500-600 VAC IP31 Enclosure

EVCP157D6IP31

⚠ End-of-service on: Jan 25, 2021

⚠ 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	500...600 V AC
Network Frequency	50/60 Hz +/- 3 % auto-sensing
Maximum Permissible Voltage	1.1 x Un
Rms Output Current Rating	157 A
Reactive Power Rating	163 kvar 600 V AC 50/60 Hz
Operating Mode	Mains current balancing Power factor correction Volt-var support
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	IP31
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 EN 61000-6-4 CSA C22.2 No 60947-1-07 UL 60947-1 UL 508 CSA C22.2 No 14
Product Certifications	RCM ABS cULus CE
Ambient Air Temperature For Storage	-20...60 °C
Net Weight	512 kg
Height	2100 mm
Width	1400 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 Height	233.1 cm
Package 1 Width	104.8 cm
Package 1 Length	162.9 cm
Package 1 Weight	812 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	