Product data sheet

Specifications

Electronic VAR control 120 amp 208-240 VAC N2 Enclosure

EVCP120D2N2

⚠ **Discontinued on:** Dec 31, 2023

⚠ **End-of-service on:** Jan 25, 2024

⚠ **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	120 A
Reactive Power Rating	50 kvar 240 V AC 50/60 Hz
Operating Mode	Power factor correction Volt-var support 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	UL type 2
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 %
Pcba Protection	Conformal coated
Standards	CSA C22.2 No 60947-1-07 EN 60439-1 UL 60947-1 EN 61000-6-4 UL 508 CSA C22.2 No 14
Product Certifications	RCM cULus ABS CE
Ambient Air Temperature For Storage	-20…60 °C
Net Weight	254 kg
Height	2100 mm
Width	800 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 Weight	387.822 kg

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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

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