

Product data sheet

Specifications



Electronic VAR control - 300 A 380..480 V AC - IP00 enclosure

EVCP300D5IP00

⚠ To be discontinued on: 31 Dec 2026

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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	380...480 V AC
Network frequency	50/60 Hz +/- 3 % auto-sensing
Maximum permissible voltage	1.1 x Un
RMS output current rating	300 A
Reactive power rating	249 kvar 480 V AC 50/60 Hz
Operating mode	Mains current balancing Power factor correction
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 %
PCBA protection	Conformal coated

Standards	UL 508 CSA C22.2 No 14 EN 61000-6-4 UL 60947-1 EN 60439-1 CSA C22.2 No 60947-1-07
Product certifications	CE DNV-GL ABS RCM cULus
Ambient air temperature for storage	-20...60 °C
Product weight	220 kg
Height	1560 mm
Width	582 mm
Depth	438 mm
Colour	Light grey (RAL 7035)

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	70.5 cm
Package 1 Width	73.7 cm
Package 1 Length	173.3 cm
Package 1 Weight	264.0 kg

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Total lifecycle Carbon footprint	209 ton CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	2 126 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	194 kg CO2 eq.
Carbon footprint of the installation phase [A5]	67 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	206 ton CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	366 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	41f8a5bd-7758-4f6b-8e3f-271055f150ec
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold

Use Longer




Lifetime extension

Repair	No
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Use Again

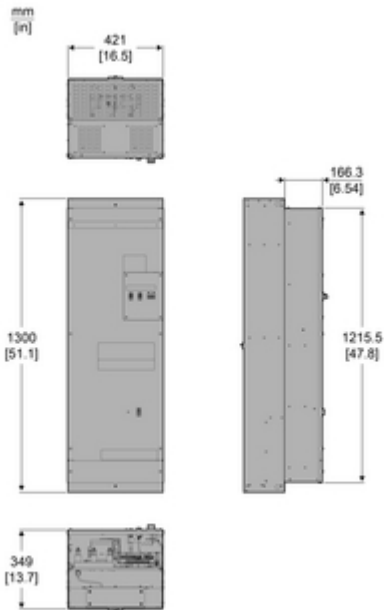


Repack and remanufacture

Recyclability potential, in %	72
End of life manual availability	End of Life Information
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Technical Illustration

Assembly's dimensions



Technical Illustration

Assembly's dimensions

