

Product data sheet

Specifications



Active harmonic filter - 300 A 380..480 V AC - IP54 enclosure

PCSP300D5IP54

Main

Range of product	AccuSine
Product name	AccuSine PCS+
Product or component type	Active harmonic filter

Complementary

Network type	3P
Network configuration	3 or 4 wires
Network rated voltage	380...480 V AC
Network frequency	50/60 Hz +/- 3 Hz auto sensing
Maximum permissible voltage	1.1 x Un
Neutral correction	Not provided
RMS output current rating	300 A
Reactive power rating	249 kvar 480 V AC 50/60 Hz
Operating modes	Power factor correction Mains current balancing Harmonic cancellation
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	IP54
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

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	UL 60947-1 CSA C22.2 No 60947-1-07 EN 60439-1 CSA C22.2 No 14 UL 508 EN 61000-6-4
Product certifications	ABS RCM cULus CE
Ambient air temperature for storage	-20...60 °C
Product weight	405 kg
Height	2100 mm
Width	900 mm
Colour	Light grey (RAL 7035)
Depth	600 mm

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	226.000 cm
Package 1 Width	120.000 cm
Package 1 Length	106.000 cm
Package 1 Weight	527.000 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	190 ton CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	4 074 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	372 kg CO2 eq.
Carbon footprint of the installation phase [A5]	129 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	184 ton CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	702 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

Wiring diagram



Technical Illustration

Assembly's dimensions

