Product data sheet

Specifications



Active harmonic filter - 120 A 380..480 V AC - IP31 enclosure

PCSP120D5IP31

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

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
Input Frequency	50/60 Hz +/- 3 Hz auto sensing
Maximum permissible voltage	1.1 x Un
Neutral correction	Not provided
RMS output current rating	120 A
Reactive power rating	100 kvar 480 V AC 50/60 Hz
Operating modes	Power factor correction Harmonic cancellation 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 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	UL 508 CSA C22.2 No 14 EN 60439-1 EN 61000-6-4 UL 60947-1 CSA C22.2 No 60947-1-07
Product Certifications	CE ABS cULus RCM
Ambient Air Temperature for Storage	-4…140 °F (-20…60 °C)
Product Weight	560.0 lb(US) (254 kg)
Height	82.7 in (2100 mm)
Width	31.5 in (800 mm)
color	Light gray RAL 7035)
Depth	19.7 in (500 mm)

Ordering and shipping details

Category	US1DE2C00089
Discount Schedule	DE2C
GTIN	3606480851049
Returnability	Yes
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	88.583 in (225.000 cm)
Package 1 Width	41.732 in (106.000 cm)
Package 1 Length	47.244 in (120.000 cm)
Package weight(Lbs)	859.804 lb(US) (390.000 kg)

Contractual warranty

Warranty (in months)	18

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	**94 444 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**3 146 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**287 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**96 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**90 396 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**519 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
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**

Use Longer

Lifetime extension

Repair	**No**

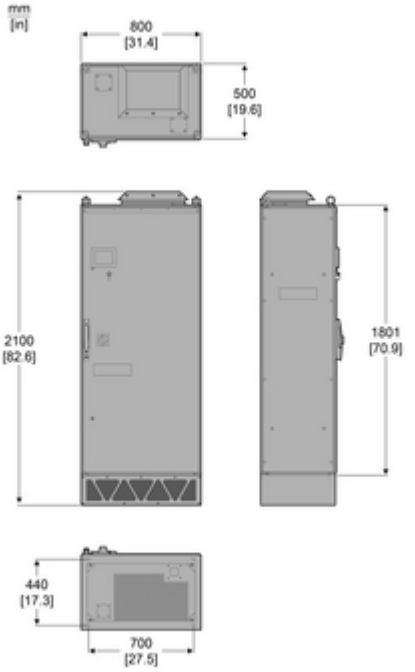
Use Again

Repack and remanufacture

Recyclability potential, in %	**73**
Circularity Profile	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

