Product data sheet

Specifications

Active harmonic filter 47 amp 500-600 VAC N2 Enclosure

PCSP047D6N2

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	500…600 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	47 A
Reactive power rating	49 kvar 600 V AC 50/60 Hz
Operating modes	Mains current balancing Harmonic cancellation Power factor correction
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 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 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

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

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
Relative humidity	0…95 %
PCBA protection	Conformal coated
Standards	EN 61000-6-4 CSA C22.2 No 14 UL 60947-1 UL 508 EN 60439-1 CSA C22.2 No 60947-1-07
Product Certifications	RCM ABS CE cULus
Ambient Air Temperature for Storage	-4…140 °F (-20…60 °C)
Product Weight	870.8 lb(US) (395 kg)
Height	82.7 in (2100 mm)
Width	51.2 in (1300 mm)
color	Light gray RAL 7035)
Depth	19.7 in (500 mm)

Ordering and shipping details

Category	US1DE2C00089
Discount Schedule	DE2C
GTIN	3606480851230
Returnability	No
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	91.77 in (233.1 cm)
Package 1 Width	41.26 in (104.8 cm)
Package 1 Length	64.13 in (162.9 cm)
Package weight(Lbs)	1366.9 lb(US) (620.0 kg)

Contractual warranty

Warranty	18 months

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

Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
SCIP Number	41f8a5bd-7758-4f6b-8e3f-271055f150ec
REACh Regulation	REACh Declaration
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

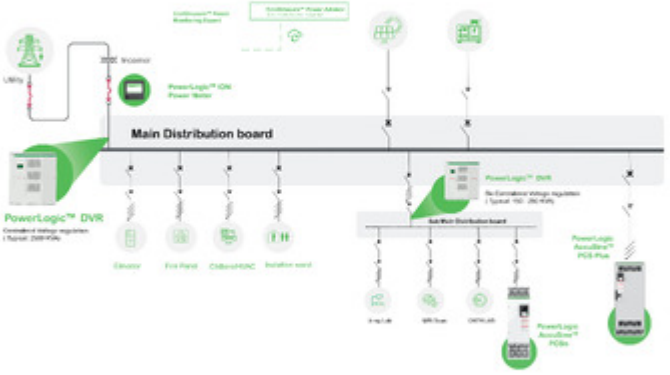
Use Again

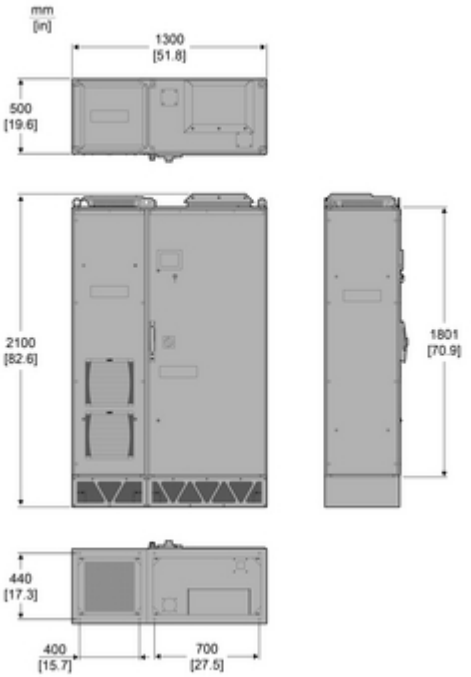
Repack and remanufacture

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

Wiring diagram



Technical Illustration

Assembly's dimensions