Product data sheet

Specifications

PCSN active harmonic filter 50 amp 208-415 VAC - wall-mounted, UL Type 1

PCSN050Y4N1

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

Price*: 52,067.30 USD

Main

Range Of Product	AccuSine
Product Name	AccuSine PCSn
Product Or Component Type	Active harmonic filter

Complementary

Network Type	3P + N 3P
Network Configuration	3 or 4 wires
Network Rated Voltage	208…415 V AC
Input Frequency	50/60 Hz
Maximum Permissible Voltage	1.1 x Un
Rms Output Current Rating	50 A
Reactive Power Rating	18 kvar 208 V AC 50/60 Hz
Operating Modes	Phase harmonic correction Neutral harmonic correction Mains current balancing Power factor correction
Installation Location	Indoor
Mounting Mode	Wall-mounted
Protection Type	Without protection
Heat Dissipation	Rear plenum with forced ventilation for high heat flow
Electromagnetic Compatibility	Electromagnetic emission, class A EN 61000-6-4 Electromagnetic immunity EN 61000-6-2
Accessibility For Operation	Front
Location Of Connection	Bottom

Environment

Enclosure Degree Of Protection	UL type 1
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 0...4800 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 above 40 °C
Relative Humidity	0…95 % non-condensing
Pcba Protection	Conformal coated
Standards	IEC 62477-1 IEC 61439-1 EN 61000-6-2 EN 61000-6-4 ISO 9001 IEEE 519-2014 UL 508
Product Certifications	cULus
Ambient Air Temperature For Storage	-4…140 °F (-20…60 °C)
Net Weight	196 lb(US) (88.90 kg)
Height	56.7 in (1440.18 mm)
Width	17.5 in (444.50 mm)
Color	Light gray RAL 7035)
Depth	10.4 in (264.16 mm)

Ordering and shipping details

Category	US1DE2C00089
Discount Schedule	DE2C
Gtin	3606481813596
Returnability	No

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	56.69 in (144.0 cm)
Package 1 Width	17.52 in (44.5 cm)
Package 1 Length	10.39 in (26.4 cm)
Package 1 Weight	196.00 lb(US) (88.904 kg)

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

Well-being performance

Mercury Free

Rohs Exemption Information Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
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