

Product data sheet

Specifications



PCSN active harmonic filter 20 amp 208-415 VAC - wall-mounted, UL Type 1

PCSN020Y4N1

Product availability: Stock - Normally stocked in distribution facility

Price*: 38,514.48 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 | 20 A |
| Reactive Power Rating | 7.2 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 |
| 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 |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

| | |
|--|---|
| 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 | 163 lb(US) (73.94 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 | 00089-ACTIVE FILTERS |
| Discount Schedule | DE2C |
| Gtin | 3606481813572 |
| 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 | 163.00 lb(US) (73.935 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-CO₂ products.

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

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[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