

Product data sheet

Specifications

SQUARE D



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

PCSP120D5IP31

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

Price*: 107,553.00 USD

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 |

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

| | |
|--|--|
| Ambient air temperature for operation | 32.0000000000...104.0000000000 °F (0...40 °C) 32.0000000000...122.0000000000 °F (0...50 °C) maximum with current derating of 2 % per °C |
| 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 | -4.0000000000...140.0000000000 °F (-20...60 °C) |
| Net 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

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|--------------------------|---------------|
| Category | US1DE2C00089 |
| Discount Schedule | DE2C |
| GTIN | 3606480851049 |
| Returnability | Yes |

Packing Units

| | |
|-------------------------------------|-----------------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 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 1 Weight | 859.804 lb(US) (390.000 kg) |

Contractual warranty

| | |
|-----------------|-----------|
| Warranty | 18 months |
|-----------------|-----------|

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.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

Well-being performance

✓ Reach Free Of Svhc

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information Yes

Eu Rohs Directive Compliant
[EU RoHS Declaration](#)

China Rohs Regulation [China RoHS declaration](#)
Product out of China RoHS scope. Substance declaration for your information.

Weee The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

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
