

Product datasheet

Specifications



Active harmonic filter - 300 A 380..480 V AC - IP31 enclosure

PCSP300D5IP31

EAN Code: 3606480851063

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 |
| Network Frequency | 50/60 Hz +/- 3 Hz auto sensing |
| Maximum Permissible Voltage | 1.1 x Un |
| Neutral Correction | Not provided |
| Rms Output Current Rating | 300 A |
| Reactive Power Rating | 249 kvar 480 V AC 50/60 Hz |
| Operating Modes | Mains current balancing Power factor correction Harmonic cancellation |
| 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 conforming to EN 61000-6-4 |
| Accessibility For Operation | Front |
| Location Of Connection | Top or bottom |

Environment

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|--------------------------------|--|
| Enclosure Degree Of Protection | IP31 |
| Environmental Characteristic | Operating: 3C2 conforming to IEC 60721-3-3 Operating: 3S2 conforming to IEC 60721-3-3 Storage: 3C3 conforming to IEC 60721-3-3 Storage: 3S3 conforming to IEC 60721-3-3 |
| Operating Altitude | <= 1000 m 1 % per 100 m |

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

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|---------------------------------------|--|
| Ambient Air Temperature For Operation | 0...40 °C 0...50 °C maximum with current derating of 2 % per °C |
| Relative Humidity | 0...95 % |
| Pcba Protection | Conformal coated |
| Standards | CSA C22.2 No 14 EN 61000-6-4 UL 508 EN 60439-1 UL 60947-1 CSA C22.2 No 60947-1-07 |
| Product Certifications | RCM CE ABS cULus |
| Ambient Air Temperature For Storage | -20...60 °C |
| Net Weight | 400 kg |
| Height | 2100 mm |
| Width | 900 mm |
| Colour | Light grey (RAL 7035) |
| Depth | 600 mm |

Packing Units

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|------------------------------|------------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 226.000 cm |
| Package 1 Width | 106.000 cm |
| Package 1 Length | 119.400 cm |
| Package 1 Weight | 532.000 kg |

Contractual warranty

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|----------|-----------|
| Warranty | 18 months |
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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 |
| Reach Regulation | REACH Declaration | |
| 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 | |