

Product data sheet

Specifications



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

PCSP300D5IP31

Main

| | |
|---------------------------|------------------------|
| Range of product | AccuSine |
| Product name | AccuSine PCS+ |
| Product or component type | Active harmonic filter |

Complementary

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|-------------------------------|---|
| 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 |

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|---------------------------------------|--|
| Operating altitude | <= 1000 m 1 % per 100 m |
| 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 Weight | 532.0 kg |
| Package 1 Height | 226 cm |
| Package 1 width | 106 cm |
| Package 1 Length | 119.4 cm |
| Unit Type of Package 2 | PAL |
| Number of Units in Package 2 | 1 |
| Package 2 Weight | 548.0 kg |
| Package 2 Height | 100 cm |
| Package 2 width | 120 cm |
| Package 2 Length | 240 cm |
| Package 3 Height | 100 cm |

Offer Sustainability

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|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information |

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|-----------------------------|---|
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life 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 |
| Contractual warranty | |
| Warranty | 18 months |