

Product data sheet

Specifications



Active harmonic filter 235 amp 500-600 VAC IP31 Enclosure

PCSP235D6IP31

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	500...600 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	235 A
Reactive power rating	244 kvar 600 V AC 50/60 Hz
Operating modes	Harmonic cancellation Power factor correction Mains current balancing
Installation location	Indoor
Enclosure mounting	Floor-standing
Protection type	Circuit breaker protection
Disconnect type	Door-interlocked with rotary handle
Interrupt capacity	100 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

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
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	UL 60947-1 EN 61000-6-4 CSA C22.2 No 14 UL 508 EN 60439-1 CSA C22.2 No 60947-1-07
Product certifications	ABS RCM CE cULus
Ambient air temperature for storage	-20...60 °C
Net weight	984 kg
Height	2100 mm
Width	1400 mm
Colour	Light grey (RAL 7035)
Depth	600 mm

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	916.0 kg
Package 1 Height	233.1 cm
Package 1 width	104.8 cm
Package 1 Length	162.9 cm

Offer Sustainability

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
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
----------	-----------