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Product data sheet
Characteristics

PCSP157D6N12
Active harmonic filter 157 amp 500-600 VAC N12 Enclosure

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	157 A
Reactive power rating	163 kvar 600 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	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	UL type 12
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 60439-1 UL 508 EN 61000-6-4 CSA C22.2 No 60947-1-07 CSA C22.2 No 14

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Product certifications	RCM[RETURN]ABS[RETURN]cULus[RETURN]CE
Ambient air temperature for storage	-20…60 °C
Net weight	556 kg
Height	2100 mm
Width	1400 mm
Colour	Light grey (RAL 7035)
Depth	600 mm

Offer Sustainability

EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins