Product data sheet
Characteristics

PCSP047D6IP31
Active harmonic filter 47 amp 500-600 VAC IP31 Enclosure

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

Price** : 83,079.00 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	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	47 A
Reactive power rating	49 kvar 600 V AC 50/60 Hz
Operating modes	Mains current balancing Harmonic cancellation Power factor correction
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 EN 61000-6-4
Accessibility for operation	Front
Location of connection	Top or bottom

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

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
Ambient air temperature for operation	32…104 °F (0…40 °C) 32…122 °F (0…50 °C) maximum with current derating of 2 % per °C
Relative humidity	0…95 %
PCBA protection	Conformal coated
Standards	CSA C22.2 No 60947-1-07 EN 60439-1 UL 508 CSA C22.2 No 14 EN 61000-6-4 UL 60947-1
Product certifications	RCM ABS CE CULus
Ambient air temperature for storage	-4…140 °F (-20…60 °C)
Net weight	870.83 lb(US) (395 kg)
Height	82.68 in (2100 mm)
Width	51.18 in (1300 mm)
Color	Light gray RAL 7035)
Depth	19.69 in (500 mm)

Ordering and shipping details

Category	00089 - ACTIVE FILTERS
Discount Schedule	DE2C
GTIN	03606480851193
Returnability	No
Country of origin	US

Offer Sustainability

Sustainable offer status	Green Premium product
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) 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.

Contractual warranty

Warranty	18 months