

# 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 % 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 grey RAL 7035)
Depth	19.69 in (500 mm)

## Ordering and shipping details

Category	00089 - ACTIVE FILTERS
Discount Schedule	DE2C
GTIN	03606480851193
Package weight(Lbs)	620.00 kg (1366.87 lb(US))
Returnability	No
Country of origin	US

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>
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
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