Product data sheet
Characteristics

PCSP120D2N2
Active harmonic filter 120 amp 208-240 VAC N2 Enclosure

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

Price** : 62,346.00 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	208…240 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	120 A
Reactive power rating	50 kvar 240 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	200 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	UL type 2
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	UL 508 EN 61000-6-4 CSA C22.2 No 14 CSA C22.2 No 60947-1-07 EN 60439-1 UL 60947-1
Product certifications	CE RCM CULus ABS
Ambient air temperature for storage	-4…140 °F (-20…60 °C)
Net weight	559.97 lb(US) (254 kg)
Height	82.68 in (2100 mm)
Width	31.50 in (800 mm)
Color	Light gray RAL 7035)
Depth	19.69 in (500 mm)

Ordering and shipping details

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

Offer Sustainability

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.
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.