

PCSP300D2N12

Active harmonic filter 300 amp 208-240 VAC N12 Enclosure

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



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
Motor Voltage	208...240 V AC
Network frequency	50/60 Hz auto sensing (+/- 3 %)
Maximum permissible voltage	1.1 x Un
Max [THDU] total harmonic distortion	8 %
Neutral correction	Not provided
RMS output current rating	300 A
Reactive power rating	124.7 kvar at 240 V AC (highest nominal voltage) at 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 conforming to 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 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	<= 3280.84 ft (1000 m) (derate : 1 % per 100 m >1000 m)
Ambient air temperature for operation	32...122 °F (0...50 °C) maximum: with current derating of 2 % per °C over 40°C 32...104 °F (0...40 °C)
Relative humidity	0...95 %
PCBA protection	Conformal coated
Standards	EN 60439-1 EN 61000-6-4 UL 508 CSA C22.2 No 14 UL 60947-1 CSA C22.2 No 60947-1-07
Product certifications	ABS CE cULus RCM
Ambient air temperature for storage	-4...140 °F (-20...60 °C)
Product weight	892.87 lb(US) (405 kg)
Height	82.68 in (2100 mm)
Width	35.43 in (900 mm)
Depth	23.62 in (600 mm)
Colour	Light grey (RAL 7035)

Ordering and shipping details

Category	00089 - ACTIVE FILTERS
Discount Schedule	DE2C
Nbr. of units in pkg.	1
Package weight(Lbs)	620
Returnability	N
Country of origin	US