



Main

Range of product	AccuSine
Product name	AccuSine PCSn
Product or component type	Active harmonic filter

Complementary

Network type	3P 3P + N
Network configuration	3 or 4 wires
Network rated voltage	208...415 V AC
Network frequency	50/60 Hz
Maximum permissible voltage	1.1 x Un
THDI	<= 5 %
RMS output current rating	50 A
Reactive power rating	36 kvar at 415 V AC (highest nominal voltage) at 50/60 Hz
Operating modes	Power factor correction Mains current balancing Phase harmonic correction Neutral harmonic correction
Installation location	Indoor
Mounting mode	Chassis
Protection type	Without protection
Heat dissipation	Rear plenum with forced ventilation for high heat flow
Electromagnetic compatibility	Electromagnetic emission class A conforming to EN 61000-6-4 Electromagnetic immunity conforming to EN 61000-6-2
Accessibility for operation	Front
Location of connection	Bottom

Environment

Enclosure degree of protection	IP00
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

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

Operating altitude	<= 1000 m (derate : 1 % per 100 m >1000 m) 0...4800 m
Ambient air temperature for operation	0...50 °C maximum : with current derating of 2 % per °C above 40 °C over 40°C 0...40 °C
Relative humidity	0...95 % non-condensing
PCBA protection	Conformal coated
Standards	EN 61000-6-2 EN 61000-6-4 IEC 61439-1 IEC 62477-1 ISO 9001 IEEE 519-2014
Product certifications	ABS CE RoHS RCM IBC 2015 (Seismic) ICC-ES AC156
Ambient air temperature for storage	-20...60 °C
Product weight	68.6 kg
Height	960 mm
Width	440 mm
Depth	265 mm
Colour	Light grey (RAL 7035)