PCSN030Y4CH00

PCSN active harmonic filter 30 amp 208-415 VAC - wall-mounted, IP00 enclosure

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
RMS output current rating	30 A
Reactive power rating	21.6 kvar 415 V AC 50/60 Hz
Operating modes	Phase harmonic correction Neutral harmonic correction Mains current balancing Power factor 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
Operating altitude	<= 1000 m 1 % per 100 m 0...4800 m
Ambient air temperature for operation	0…40 °C 0…50 °C maximum with current derating of 2 % per °C above 40 °C
Relative humidity	0…95 % non-condensing
PCBA protection	Conformal coated

Standards	IEC 62477-1
	IEC 61439-1
	EN 61000-6-2
	EN 61000-6-4
	ISO 9001
	IEEE 519-2014
	UL 508
Product certifications	RCM[RETURN]EAC[RETURN]CE[RETURN]ABS[RETURN]IBC 2015 (Seismic) [RETURN]ICC-ES AC156[RETURN]cULus
Ambient air temperature for storage	-20…60 °C
Net weight	61 kg
Height	960 mm
Width	440 mm
Colour	Light grey (RAL 7035)
Depth	265 mm

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	26.4 cm
Package 1 Width	46.5 cm
Package 1 Length	96.0 cm
Package 1 Weight	63.049 kg

Offer Sustainability

REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
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