PCSN050Y4W20

PCSN active harmonic filter 50 amp 208-415 VAC - wall-mounted, IP20 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	50 A
Reactive power rating	36 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	Wall-mounted
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	IP20
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

Product certifications	RCM
	EAC
	CE
	ABS
	IBC 2015 (Seismic)
	ICC-ES AC156
Ambient air temperature for storage	-20…60 °C
Net weight	68.6 kg
Height	960 mm
Width	440 mm
Colour	Light grey (RAL 7035)
Depth	265 mm

Packing Units

Package 1 Weight	90.500 kg
Package 1 Height	26.400 cm
Package 1 width	46.500 cm
Package 1 Length	96.000 cm

Offer Sustainability

REACh Regulation	🔗REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Compliant 🔗EU RoHS Declaration
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

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