

# Product data sheet

Specifications



## PCSN active harmonic filter 20 amp 208-415 VAC - wall-mounted, IP00 enclosure

PCSN020Y4CH00

### 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	20 A
Reactive power rating	14.4 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

<b>Ambient air temperature for operation</b>	0...40 °C 0...50 °C maximum with current derating of 2 % per °C above 40 °C
<b>Relative humidity</b>	0...95 % non-condensing
<b>PCBA protection</b>	Conformal coated
<b>Standards</b>	IEC 62477-1 IEC 61439-1 EN 61000-6-2 EN 61000-6-4 ISO 9001 IEEE 519-2014 UL 508
<b>Product certifications</b>	RCM EAC CE ABS IBC 2015 (Seismic) ICC-ES AC156 cULus
<b>Ambient air temperature for storage</b>	-20...60 °C
<b>Net weight</b>	61 kg
<b>Height</b>	960 mm
<b>Width</b>	440 mm
<b>Colour</b>	Light grey (RAL 7035)
<b>Depth</b>	265 mm

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	26.4 cm
<b>Package 1 Width</b>	46.5 cm
<b>Package 1 Length</b>	96.0 cm
<b>Package 1 Weight</b>	63.049 kg
<b>Unit Type of Package 2</b>	PAL
<b>Number of Units in Package 2</b>	1
<b>Package 2 Height</b>	60.1 cm
<b>Package 2 Width</b>	56.0 cm
<b>Package 2 Length</b>	108.0 cm
<b>Package 2 Weight</b>	108.0 kg

## Offer Sustainability

<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>REACH free of SVHC</b>	Yes
<b>EU RoHS Directive</b>	Compliant <a href="#">EU RoHS Declaration</a>
<b>WEEE</b>	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
<b>California proposition 65</b>	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

## Recommended replacement(s)