



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
Network rated voltage	600...690 V AC
Network frequency	50/60 Hz +/- 3 Hz auto sensing
Maximum permissible voltage	1.1 x Un
Neutral correction	Not provided
RMS output current rating	40 A
Reactive power rating	48 kvar 690 V AC 50/60 Hz
Operating modes	Mains current balancing Power factor correction Harmonic cancellation
Installation location	Indoor
Enclosure mounting	Floor-standing
Protection type	Switch-disconnector fuse
Disconnect type	Door-interlocked with rotary handle
Interrupt capacity	80 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

Environment

Enclosure degree of protection	IP31
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
Ambient air temperature for operation	0...40 °C 0...50 °C maximum with current derating of 2 % per °C
Relative humidity	0...95 %
PCBA protection	Conformal coated
Standards	EN 61000-6-4 UL 60947-1 CSA C22.2 No 60947-1-07 UL 508 CSA C22.2 No 14 EN 60439-1

Product certifications	ABS[RETURN]cULus[RETURN]RCM[RETURN]CE
Ambient air temperature for storage	-20...60 °C
Net weight	395 kg
Height	2100 mm
Width	1300 mm
Colour	Light grey (RAL 7035)
Depth	500 mm

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	233.1 cm
Package 1 Width	104.8 cm
Package 1 Length	162.9 cm
Package 1 Weight	642.0 kg

Offer Sustainability

EU RoHS Directive	Compliant  EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	18 months
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