

# PCSP080D7IP31

## Active harmonic filter 80 amp 600-690 VAC IP31 Enclosure

Product availability : Non-Stock - Not normally stocked in distribution facility



Price\* : 112,349.00 USD



### 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
Motor Voltage	600...690 V AC
Network frequency	50/60 Hz auto sensing (+/- 3 %)
Maximum permissible voltage	1.1 x Un
Max [THDU] total harmonic distortion	8 %
Neutral correction	Not provided
RMS output current rating	80 A
Reactive power rating	96 kvar at 690 V AC (highest nominal voltage) at 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	<= 3280.84 ft (1000 m) (derate : 1 % per 100 m >1000 m)
Ambient air temperature for operation	32...122 °F (0...50 °C) maximum: with current derating of 2 % per °C over 40°C 32...104 °F (0...40 °C)
Relative humidity	0...95 %
PCBA protection	Conformal coated
Standards	UL 60947-1 EN 60439-1 CSA C22.2 No 60947-1-07 UL 508 CSA C22.2 No 14 EN 61000-6-4
Product certifications	ABS RCM cULus CE
Ambient air temperature for storage	-4...140 °F (-20...60 °C)
Product weight	910.51 lb(US) (413 kg)
Height	82.68 in (2100 mm)
Width	51.18 in (1300 mm)
Depth	19.69 in (500 mm)
Colour	Light grey (RAL 7035)

## Ordering and shipping details

Category	00089 - ACTIVE FILTERS
Discount Schedule	DE2C
GTIN	003606480851360
Nbr. of units in pkg.	1
Package weight(Lbs)	1525.6000000000001
Returnability	N
Country of origin	US

## Contractual warranty

Warranty period	18 months
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