

Eaton PXQ-ST1-SC

Catalog Number: PXQ-ST1-SC

Eaton Power Xpert Quality analysis system core, Software Tier 1, System Core replacement

General specifications



Photo is representative

Product Name	Catalog Number
Eaton Power Xpert Quality analysis system core	PXQ-ST1-SC
	UPC
	786689665739
Product Length/Depth	Product Height
5 in	7.25 in
Product Width	Product Weight
3.5 in	1 lb
Compliances	Certifications
Contact Manufacturer	ANSI/IEEE Std C62.41
CE Marked	IEC 60687
	ANSI/IEEE Std C12.20
	cUL 22Cz

Type

Analysis system core

Voltage rating

700 Vac rms L:G, 1200 Vac rms L:L

Number of CT inputs

A, B, C, N/G

Memory

4 GB

Power supply voltage

24-48 VDC, 50W Max

Frequency rating

50/60 Hz

Individual harmonics magnitude

To 85th

Waveform capture sampling rate

512 samples/cycle

ANSI % revenue accuracy

ANSI C12.20 Class 0.1

Current sensor input

5A or 1A

Power quality analysis

ITIC Performance Curve

SEMI F47

Power Quality Health Index

Event Sequence

K-Factor & Crest Factor

Flicker

View Harmonic Spectrum At Device

Waveform analysis

COMTRADE format 60 cycles at 512 samples / cycle

I/O capability

8 Digital Inputs / 2 Solid State Outputs (Form C)

Communications

Modbus TCP

BACnet/IP

Supports IPv4 and IPv6

SFTP

Simple Network Management Protocol (SNMP)

Multimedia

[Power Systems Experience Center Tour – Metering Focus](#)

Network Time Protocol (NTP)

Email (SMTP)

HTTPS

Precision Time Protocol (PTP)

Dual Gigabit Ethernet Ports



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