

SENTRON PAC3220

Product Data Sheet

7KM3220-1BA01-1EA0

Electrical Power Monitoring Meter

AUXILIARY SUPPLY	RATED VOLTAGE INPUTS	MEASUREMENT FREQUENCY	CURRENT-TRANSFORMER SECONDARY
24 to 60 V DC, -20/+10%	690 V line-to-line / 400 V line-to-neutral	45 to 65 Hz	1 A or 5 A AC

Siemens 7KM3220-1BA01-1EA0 is a electrical power monitoring meter in the SENTRON PAC3220 range. It is intended for compatible industrial automation projects requiring the documented electrical metering and energy monitoring.

01

VERIFIED TECHNICAL DATA

Auxiliary supply	24 to 60 V DC, -20/+10%
Rated voltage inputs	690 V line-to-line / 400 V line-to-neutral
Measurement frequency	45 to 65 Hz
Current-transformer secondary	1 A or 5 A AC
Voltage and current method	TRMS
Voltage/current accuracy	±0.2%
Active-energy accuracy	Class 0.5, IEC 62053-22
Reactive-energy accuracy	Class 2
Display resolution	128 x 96 pixels
Ethernet interface count	2 Fast Ethernet ports

ADDITIONAL PRODUCT DATA

Communication protocol	Modbus TCP
Digital input/output count	2 inputs and 2 outputs
Digital output voltage limit	30 V DC
Maximum digital switching frequency	17 Hz
Operating temperature	-25 to 55 deg C

DOCUMENTED USE SETTINGS

Electric Power Generation and Industrial Energy: Electric Power Generation Control.

Manufacturing and Industrial Component Production Processes: Industrial Assembly and Production.

Water Supply and Municipal Wastewater Treatment: Drinking Water Treatment Processes.

SYSTEM COMPATIBILITY

Integrate 7KM3220-1BA01-1EA0 only in the documented SENTRON PAC3220 configuration. Match the installed interfaces and the engineered application before selecting this electrical power monitoring meter.

PRODUCT EVIDENCE

Siemens 7KM3220-1BA01-1EA0 official product technical data, applicable pages 1, 2, 3, 4, 5, 6, 7

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM