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Data sheet 7KM9300-0AE02-0AA0

Siemens EcoTech



expansion module Switched Ethernet PROFINET V3, plug-in, for 7KM PAC3220 / 4220 / 3VA COM100 / 800

Model	
product brand name	SENTRON
product designation	Switched Ethernet PROFINET expansion module
type of voltage supply	via PAC 3200 / PAC3220 / PAC4200 / COM100 / 800
General technical data	
type of update time at the PROFINET IO device with IRT	500 µs, 1 ms, 2 ms, 4 ms for IRT
design of the interface according to PROFINET	2 ports (switch)
type of transfer rate for plug type RJ45	PROFINET with 100 Mbps
MTBF	196.31 a
galvanic isolation	Maximum insulation voltage: 500V AC
reference code according to DIN 40719 extended according to IEC 204-2 according to IEC 750	P
software version with STEP 7 in the TIA Portal required	≥ STEP 7 V16
GSD version/revision with PROFINET required	GSDML V2.3
number of interfaces according to PROFINET	2
interface design 1 integrated switch	Yes
● protocol at the 1st interface media redundancy protocol	PROFINET MRP
● PROFINET IO device	Yes
transmission mode for Industrial Ethernet	PROFINET with 100 Mbps
product function at the Ethernet interface Autonegotiation	Yes
product function at the Ethernet interface Autocrossover	Yes
open IE communication	Yes
IRT	Yes
transfer rate for plug type RJ45 100 Mbit/s	Yes
service as PROFINET IO device supports PROFIenergy	Yes
protocol at the 1st interface media redundancy protocol	Yes
product function of the PROFINET IO controller is supported PROFINET system redundancy	Yes
for open IE communication	
● TCP/IP	Yes
● SNMP	Yes
● LLDP	Yes
degree of pollution	2 according to IEC 61131
supply voltage 1 at DC	
● minimum rated value	28.8 V
● maximum rated value	19.2 V

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Protection class	
protection class IP	IP20
combustibility class according to UL 94	V 0
suitability for use	7KM PAC 3220 / PAC 4200 / PAC 4220 / 3VA COM100 / 800
suitability for use reactive power meter	No
Connections	
type of electrical connection	2 x RJ45 socket
Mechanical Design	
height	90 mm
width	18 mm
depth	73 mm
fastening method	pluggable
Net Weight	38 g
Environmental conditions	
ambient temperature during operation	
● minimum	-25 °C
● maximum	55 °C
ambient temperature during storage	
● minimum	-25 °C
● maximum	70 °C
Approvals Certificates	
Environmental Product Declaration	
● global warming potential [CO2 eq] / during manufacturing	8.48 kg
● global warming potential [CO2 eq] / during sales	0.0159 kg
● global warming potential [CO2 eq] / during operation	0 kg
● global warming potential [CO2 eq] / after end of life	-0.602 kg
● global warming potential [CO2 eq] / total	7.89 kg

Environment

Environmental Confirmations

Environmental Confirmations

General Product Approval

General Product Approval

Confirmation

EMV

other

Confirmation

other

Industrial Communication

PROFINET

Further information

Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875
Information for data generation and storage
https://support.industry.siemens.com/cs/ww/en/view/109995012
Information- and Downloadcenter (Catalogs, Brochures,…)
https://www.siemens.com/lowvoltage/catalogs
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=7KM9300-0AE02-0AA0
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/7KM9300-0AE02-0AA0
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7KM9300-0AE02-0AA0
CAx-Online-Generator

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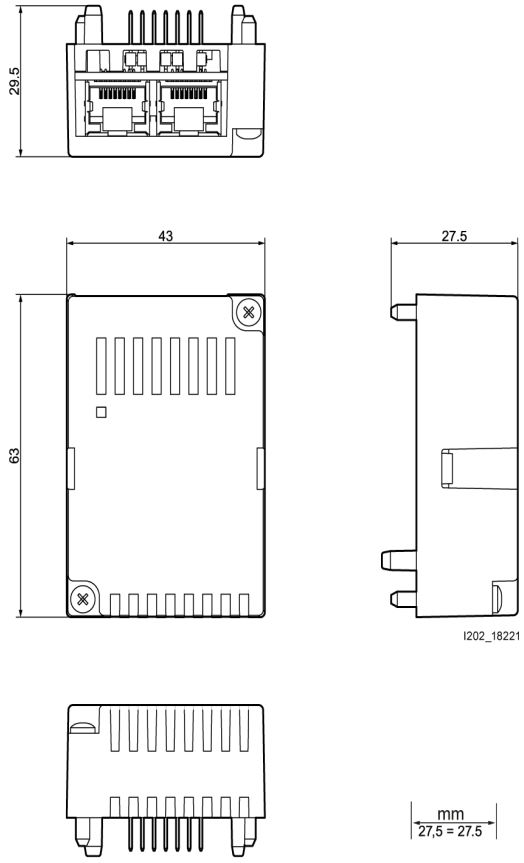
https://www.siemens.com/cax

Tender specifications

https://www.siemens.com/specifications

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https://curves.simaris.siemens.com/curves/7KM9300-0AE02-0AA0



last modified: 10/14/2025

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