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Data sheet 7KM9300-0PP20-0AA0

Siemens EcoTech

SENTRON PROFINET Proxy (SPP), connectiosn Modbus TCP-capable SENTRON devices with PROFINET IO, e.g. 7KM PAC2200 and others SPP is an Ethernet switch and transparent for IP comm.



Model	
product brand name	SENTRON
product designation	PROFINET Proxy SPP2000
type of voltage supply	24 VDC
General technical data	
type of update time at the PROFINET IO device with IRT	1 ms, 2 ms, 4 ms by IRT
design of the interface according to PROFINET	2 ports (switch)
type of transfer rate for plug type RJ45	PROFINET with 100 Mbps
MTBF	1 891.18 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 V18
GSD version/revision with PROFINET required	GSDML V2.4
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
protection class IP on the front	IP20
combustibility class according to UL 94	V 0
suitability for use	7KM PAC 2200 / PAC 3200T
suitability for use reactive power meter	No
Connections	
type of electrical connection	2 x RJ45 socket, 1 x 3-pole printed-board connector
Mechanical Design	
height	90 mm
width	18 mm
depth	73 mm
fastening method	DIN Rail
Net Weight	50 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	8.6 kg
• global warming potential [CO2 eq] / during sales	0.0143 kg
• global warming potential [CO2 eq] / during operation	0 kg
• global warming potential [CO2 eq] / after end of life	-0.354 kg
• global warming potential [CO2 eq] / total	8.26 kg

Environment

Environmental Confirmations

Environmental Confirmations

General Product Approval

Confirmation

other

Confirmation

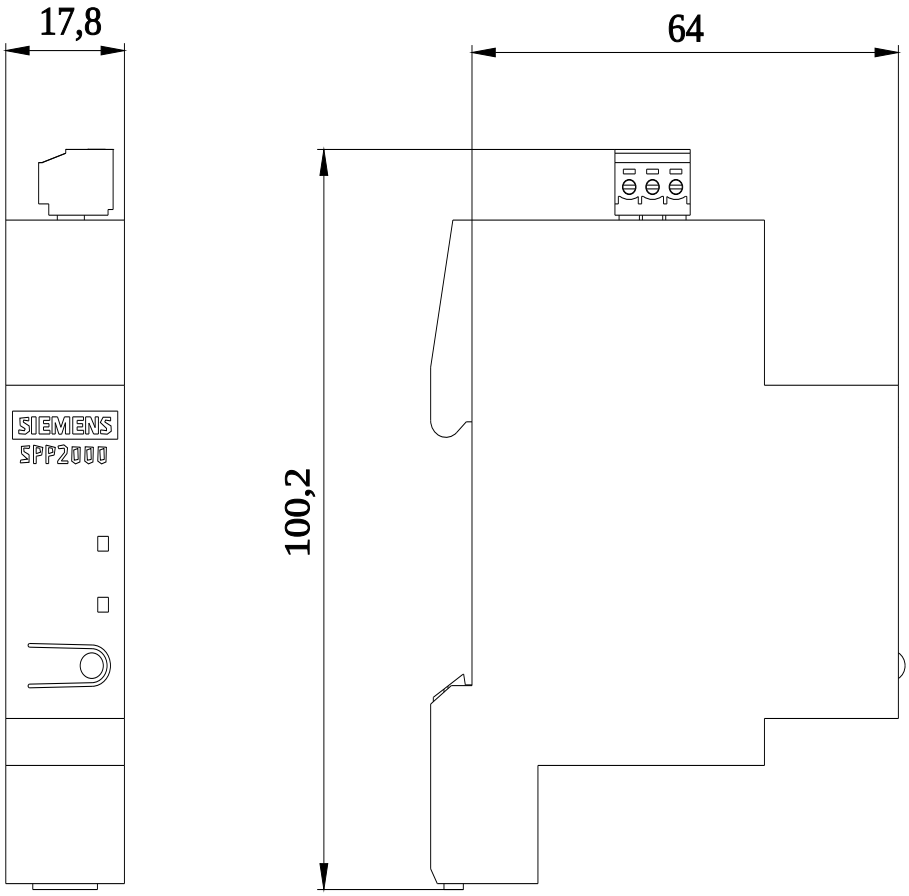
Industrial Communication

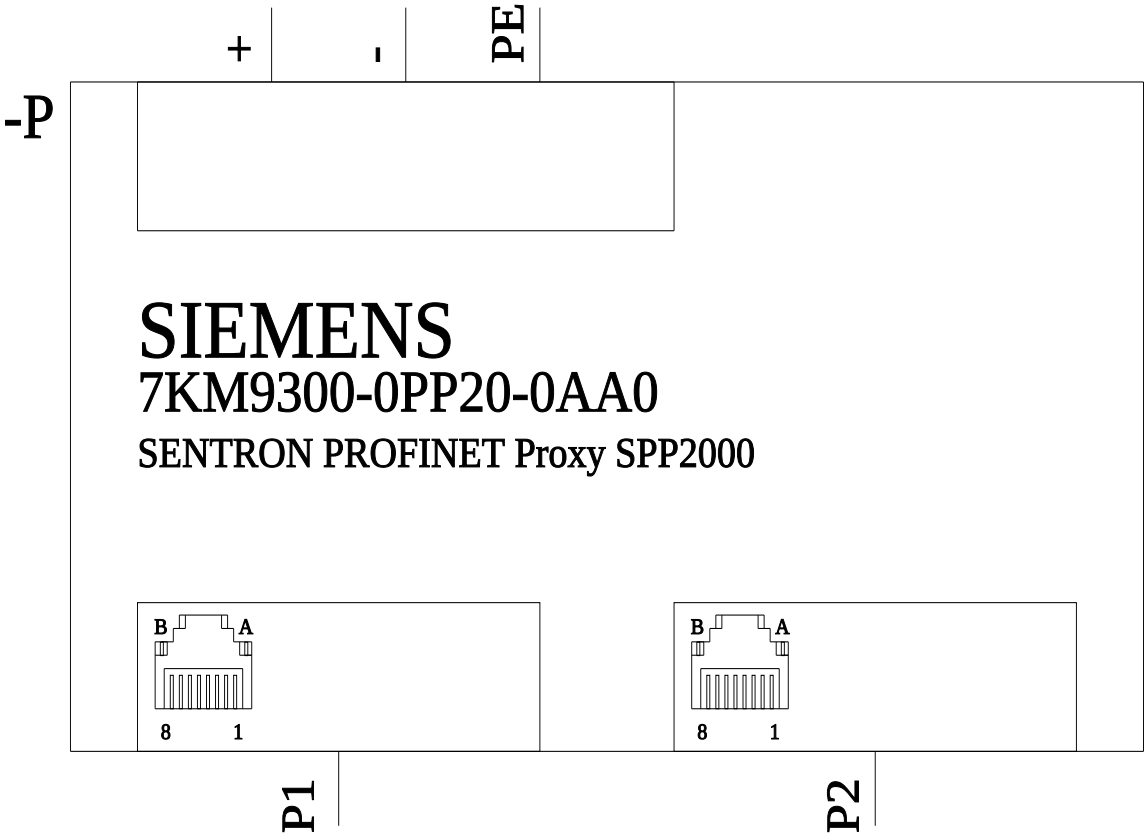
PROFINET

Further information

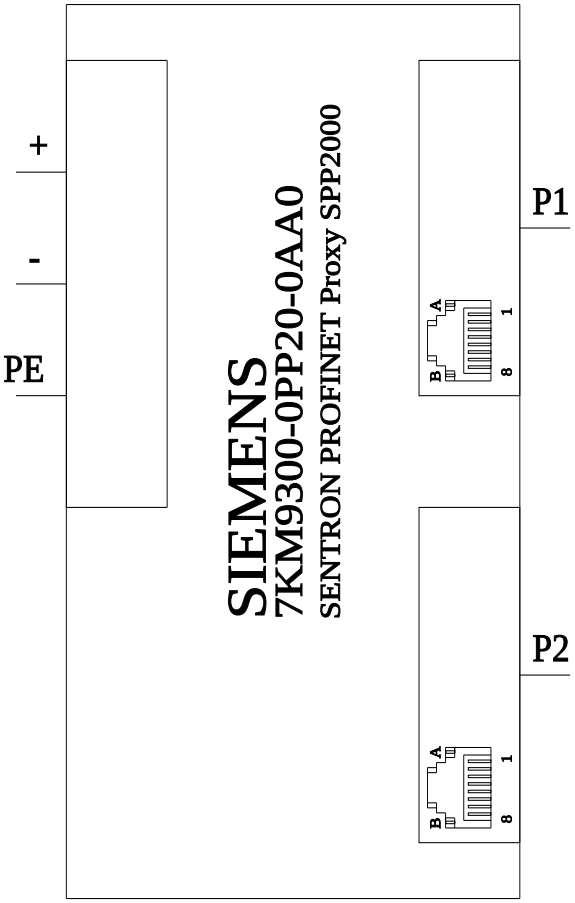
Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875
Information for data generation and storage
https://support.industry.siemens.com/cs/ww/en/view/109995012
Information- and Downloadcenter (Catalogs, Brochures,…)
https://www.siemens.com/lowvoltage/catalogs
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=7KM9300-0PP20-0AA0
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/7KM9300-0PP20-0AA0
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7KM9300-0PP20-0AA0
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