

Product type designation

SIPLUS NET TIM 3V-IE DNP3
SIPLUS NET TIM 3V-IE DNP3 FOR MEDIALE STRESS -25... +70 DEGREES C BASED-ON 6NH7803-3BA00-0AA0 COMMUNICATIONSGROUP FOR SIMATIC S7-300 WITH RS232-INTERFACE



Figure similar

Interfaces	
Number of interfaces / acc. to Industrial Ethernet	1
Number of electrical connections	1
• for power supply	
Type of electrical connection	2-pole plugable terminal block
• for power supply	
design of the removable storage / C-PLUG	No
Supply voltage, current consumption, power loss	
Type of voltage / of the supply voltage	DC
Consumed current	0.2 A
• from external supply voltage / at DC / at 24 V / maximum	
Power loss [W]	5.8 W
Permitted ambient conditions	
Ambient temperature	-25 ... +70 °C
• during operation	

- during storage - during transport	-40 ... +70 °C -40 ... +70 °C
Ambient condition / relating to ambient temperature - air pressure - installation altitude	-25 ... +70°C at 1080 hPa ... 795 hPa (-1000 m ... +2000 m) // -25 ... +60°C at 795 hPa ... 658 hPa (+2000 m ... +3500 m) // -25 ... +50°C at 658 hPa ... 540 hPa (+3500 m ... +5000 m)
Relative humidity / with condensation / maximum	100 %; r.F., incl. condensation/frost permitted (no commissioning in bedewed state)
Resistance to biologically active substances / conformity acc. to EN 60721-3-3	Yes; Compliance with EN 60721-3-3, Class 3B2 mold, fungus, and sponge spores (except fauna). The supplied plug covers must remain in place over the unused interfaces during operation!
Resistance to chemically active substances / conformity acc. to EN 60721-3-3	Yes; Class 3C4 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3). The supplied plug covers must remain in place over the unused interfaces during operation!
Resistance to mechanically active substances / conformity acc. to EN 60721-3-3	Yes; Class 3S4 incl. sand, dust. The supplied plug covers must remain in place over the unused interfaces during operation!
Protection class IP	IP20

Design, dimensions and weight

Module format	Compact module S7-300 single width
Width	40 mm
Height	125 mm
Depth	120 mm
Net weight	0.25 kg

Product properties, functions, components / general

Number of units	
Note	Number of TIMs per S7-300: 1

Performance data / S7 communication

Number of possible connections / for S7 communication	
maximum	3
with PG connections / maximum	2
Note	only via LAN

Performance data / telecontrol

Suitability for use	
Node station	Yes
substation	Yes
TIM control center	Yes
Protocol / is supported	
TCP/IP	Yes
DNP3	Yes
Product function / data buffering if connection is aborted	Yes; 64,000 data points with one master
Configuration software	

- required

Further Information / Internet Links

Internet-Link

- to website: Selector SIMATIC NET SELECTION TOOL <http://www.siemens.com/snst>
- to website: Industrial communication <http://www.siemens.com/simatic-net>
- to website: Industry Mall <https://mall.industry.siemens.com>
- to website: Information and Download Center <http://www.siemens.com/industry/infocenter>
- to website: Image database <http://automation.siemens.com/bilddb>
- to website: CAx Download Manager <http://www.siemens.com/cax>
- to website: Industry Online Support <https://support.industry.siemens.com>

Security information

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