

product type designation



Figure similar

SIPLUS NET TIM 3V-IE DNP3

SIPLUS NET TIM 3V-IE DNP3 based on 6NH7803-3BA00-0AA0 with conformal coating, -25...+70 °C, communications module for SIMATIC S7-300 with an RS-232 interface

interfaces	
number of interfaces / acc. to Industrial Ethernet	1
number of electrical connections	
• for power supply	1
type of electrical connection	
• for power supply	2-pole plugable terminal block
design of the removable storage	
• C-PLUG	No
supply voltage, current consumption, power loss	
type of voltage / of the supply voltage	DC
consumed current	
• from external supply voltage / at DC / at 24 V / maximum	0.2 A
power loss [W]	5.8 W
ambient conditions	
ambient temperature	
• during operation	-25 ... +70 °C
• during storage	-40 ... +70 °C
• during transport	-40 ... +70 °C
installation altitude / at height above sea level / maximum	5000 m
ambient condition / relating to ambient temperature - air pressure - installation altitude	Tmin ... Tmax at 1 140 hPa ... 795 hPa (-1 000 m ... +2 000 m) // Tmin ... (Tmax - 10 K) at 795 hPa ... 658 hPa (+2 000 m ... +3 500 m) // Tmin ... (Tmax - 20 K) at 658 hPa ... 540 hPa (+3 500 m ... +5 000 m)
relative humidity	
• with condensation / acc. to IEC 60068-2-38 / maximum	100 %; RH including condensation/frost (no commissioning when condensation is present), horizontal installation
chemical resistance / to commercially available cooling lubricants	Yes; incl. airborne diesel and oil droplets
resistance to biologically active substances	
• conformity acc. to EN 60721-3-3	Yes; Class 3B2 mold and fungal spores (excluding fauna), Class 3B3 on request
• conformity acc. to EN 60721-3-6	Yes; Class 6B2 mold, fungal and dry rot spores (excluding fauna)
resistance to chemically active substances	
• conformity acc. to EN 60721-3-3	Yes; Class 3C4 (RH < 75 %) incl. salt spray in accordance with EN 60068-2-52 (Severity 3). The supplied plug covers must remain in place on the unused interfaces during operation.
• conformity acc. to EN 60721-3-6	Yes
resistance to mechanically active substances	
• conformity acc. to EN 60721-3-3	Yes; Class 3S4 incl. sand, dust. The supplied plug covers must remain

<ul style="list-style-type: none"> conformity acc. to EN 60721-3-6 	<p>in place over the unused interfaces during operation. Yes; Class 6S3 incl. sand, dust. The supplied plug covers must remain in place over the unused interfaces during operation.</p>
coating / for equipped printed circuit board / acc. to EN 61086	Yes; Class 2 for high availability
type of coating / protection against pollution according to EN 60664-3	Yes; Protection of the type 1
type of test / of the coating / acc. to MIL-I-46058C	Yes; Coating discoloration during service life possible
product conformity / of the coating / Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies acc. to IPC-CC-830A	Yes; Conformal coating, class A
protection class IP	IP20
design, dimensions and weights	
module format	Compact module S7-300 single width
width	40 mm
height	125 mm
depth	120 mm
net weight	0.25 kg
product features, product functions, product components / general	
number of units <ul style="list-style-type: none"> note 	Number of TIMs per S7-300: 1
performance data / S7 communication	
number of possible connections / for S7 communication <ul style="list-style-type: none"> maximum with PG connections / maximum 	3; only via LAN 2
performance data / telecontrol	
suitability for use <ul style="list-style-type: none"> node station substation TIM control center 	Yes Yes Yes
protocol / is supported <ul style="list-style-type: none"> DNP3 	Yes
product function / data buffering if connection is aborted	Yes; 64,000 data points with one master
product functions / management, configuration, engineering	
configuration software <ul style="list-style-type: none"> required 	SINAUT ST7 ES
further information / internet-Links	
Internet-Link <ul style="list-style-type: none"> to web page: selection aid TIA Selection Tool to website: Industrial communication to website: Industry Mall to website: Information and Download Center to website: Image database to website: CAx-Download-Manager to website: Industry Online Support 	http://www.siemens.com/snst http://www.siemens.com/simatic-net http://www.siemens.com/industrial-controls/mall http://www.siemens.com/automation/net/catalog http://automation.siemens.com/bilddb http://www.siemens.com/cax http://support.automation.siemens.com
security information	
security information	<p>Siemens provides products and solutions with industrial security functions that support the secure operation of plants, solutions, machines, equipment and/or networks. They are important components in a comprehensive industrial security concept. Siemens products and solutions undergo continuous development with this factor in mind. Siemens recommends strongly that you regularly check for product updates. For the secure operation of Siemens products and solutions, it is necessary to take suitable preventive action (e.g. cell protection concept) and integrate each component into a holistic, state-of-the-art industrial security concept. Products used from other manufacturers should also be taken into account here. You can find more information on Industrial Security at http://www.siemens.com/industrialsecurity. To stay informed about product updates as they occur, sign up for our product-specific newsletter. You can find more information on this at http://support.automation.siemens.com. Version 3.4 14.11.2013-Siemens AG, I IA L CG, Nuremberg</p>

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