Data sheet

6BK1621-0AA00-0AA0



SIMATIC PN/BACnet LINK coupling module for Profinet to BACnet/IP Fieldbus, Device-Profile: B-GW, IP20

General information	
Product type designation	PN/BACnet Link
Firmware version	
 FW update possible 	Yes
Vendor identification (VendorID)	7
Product function	
• I&M data	Yes
 Isochronous mode 	No
Engineering with	
 STEP 7 TIA Portal configurable/integrated from version 	V14 SP1
Installation type/mounting	
Mounting	DIN rail, wall mounting, portrait mounting
Mounting position	any
Recommended mounting position	Horizontal
Rail mounting	Yes
Control cabinet installation	Yes
Supply voltage	
Type of supply voltage	DC
Rated value (DC)	24 V
permissible range, lower limit (DC)	20.4 V
permissible range, upper limit (DC)	28.8 V
Reverse polarity protection	Yes
Overvoltage protection	Yes
Short-circuit protection	Yes
Mains buffering	
 Mains/voltage failure stored energy time 	10 ms
Input current	
Current consumption (rated value)	0.11 A
Current consumption, max.	0.13 A
Power loss	
Power loss, typ.	2.7 W
Interfaces	
Supports protocol for PROFINET IO	
 automatic detection of transmission rate 	No
Transmission rate, max.	100 Mbit/s
 Number of RJ45 ports 	2
Number of FC (FastConnect) connections	2
PROFINET functions	
 Assignment of the IP address, supported 	Yes
 Assignment of the device name, supported 	Yes

Interface type Interface types	1. Interface	
Interface Ves. 1500 V AC or 2 250 V DC Interface Ves. Ves.		BACnet/IP
Ref (Efbornet)		
• Al Af Schemer) Yes		,
	• •	Yes
■ Design of the connection ■ EACnet device profile ■ EACnet device profile ■ EACnet device profile ■ Supported character sets ■ Network Security No ■ Number of BACnet objects object references ■ Number of subscription services ■ PROFINET Interface bype ■ PROFINET ■ PROFINET ■ Number of ports ■ PROFINET (Device Yes ■ Nere objects with the subscription services ■ PROFINET (Device Yes ■ PROFINET (Device Yes ■ Nere objects status information ■ Status indicator ■ Yes ■ Number of Device Yes ■ Number of Device Yes ■ Number of Device Yes ■ PROFINET (Device Yes ■ Nere objects status information ■ Status indicator ■ Yes ■ Diagnostics indication tit ED ■ Number of Device Yes ■ Number of Device Y	,	
		11010
Supported character sets ISO 10648 (UTF-8)		R-GW
Network Security No	•	
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Number of subscription services 1000		
Interface type		
Interface type		
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• integrated switch		
Protocols		
PROFINET IO Device		
Interrupts/diagnostics/status information		Yes
Status indicator		
Alarms		Yes
Diagnostics function ED		
Diagnostics indication LED		
		103
● ERROR LED ● MAINT LED ● LINK LED ● LINK LED ● RXTX LED Potential separation Potential separation Potential separation IP degree of protection IP degree of protection IP degree of protection IP degree of protection Ves CE mark Ves CUL approval Ves CULus RCM (formerly C-TICK) Ves RCM (formerly C-TICK) Ves RCM (formerly C-TICK) Ves BTL certificate Yes BTL certificate Yes Ambient conditions Ambient temperature during operation ● horizontal installation, min. ● horizontal installation, max. ● ceiling installation, max. ● ceiling installation, min. ● vertical installation, min. ● c25 °C ● ceiling installation, min. ● c55 °C ● ceiling installation, min. ● c75 °C		Vas
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Ambient temperature during storage/transportation • min. • max. 85 °C Relative humidity		
 min. -40 °C max. 85 °C Relative humidity 		45 °C
• max. 85 °C Relative humidity		40.00
Relative humidity		
·		85 °C
Operation, max. 95 %	·	05.04
	Operation, max.	95 %

Software		
Runtime software		
Target system		
— ET 200SP	Yes	
— Open Controller	Yes	
— S7-1200	Yes	
— S7-1500	Yes	
connection method		
Design of electrical connection	Screw connection	
Dimensions		
Width	70 mm	
Height	112 mm	
Depth	75 mm	
Weights		
Weight, approx.	210 g	

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