

Product data sheet

Specifications



BCPM - Modbus to BACnet protocol converter

E8951

⚠ Discontinued on: Mar 27, 2024

⚠ To be end-of-service on: Mar 31, 2025

⚠ Discontinued

Main

Range	PowerLogic
Device Short Name	E8951
Product Or Component Type	Protocol converter
Device Application	Gateway
Communication Gateway	Modbus to BACnet

Complementary

Range Compatibility	PowerLogic
Communication Port Protocol	Downside: Modbus RTU with 2-wire RS485 - screw terminal block Upside: Modbus TCP with ETHERNET - RJ45 Upside: BACnet IP with ETHERNET - RJ45 Upside: BACnet MS/TP with 2-wire RS485 - screw terminal block
Transmission Rate	9.6...38.4 kbauds for Modbus RTU downside 10/100 Mbit/s for Modbus TCP upside 10/100 Mbit/s for BACnet IP upside 9.6, 19.2, 38.4, 76.8 kbauds for BACnet MS/TP upside
Maximum Number Of Supported Devices	32 Modbus RTU maximum 10000 BACnet data objects
Fixing Mode	By clips (35 mm DIN rail) By screws (wall)
[Us] Rated Supply Voltage	9...30 V DC 12...24 V AC
Current Consumption	240 mA at 12 V
Number Of Inputs	0
Number Of Outputs	0
Height	129 mm
Width	74 mm
Depth	41 mm

Environment

Relative Humidity	5...90 % without condensation
Ambient Air Temperature For Operation	-40...122 °C
Product Certifications	CE TÜV
Standards	UL 916

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	7.6 cm
Package 1 Width	15.2 cm
Package 1 Length	27.9 cm
Package 1 Weight	386.36 g

Sustainability





Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

Well-being performance

	Reach Free Of Svhc	
	Toxic Heavy Metal Free	
	Mercury Free	
	Rohs Exemption Information	Yes
Reach Regulation	REACH Declaration	
Eu Rohs Directive	Compliant EU RoHS Declaration	
China Rohs Regulation	China RoHS declaration	
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins	
California Proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov	