

EnOcean - BACnet MS/TP gateway

SH-SRC65-BACnet MS/TP



The unidirectional EnOcean-BACnet MS/TP gateway enables the acquisition of information from EnOcean sensors, pushbuttons and room control units. The scope of delivery already includes an external transmit/receive antenna for the best possible range.

The gateway is a wireless receiver interface for radio sensors, respectively keys, based on EnOcean RF technology and controllers, respectively control systems, with BACnet MS/TP RS485 interface.

Direct transmission of all radio telegrams received via serial telegrams to controllers, respectively control systems.

Details of the communication protocol are described in the software documentation.

Specifications

Power supply	15-24VDC / 24VAC +/- 10%
Power consumption	typ. 1W / 1,3VA
Network technology	BACnet MS/TP
Radio technology	EnOcean (IEC 14543-3-10)
Frequency	868 MHz, optional: 902 MHz
Antenna	External receiving antenna with magnetic holding (included in delivery) Connector female FME
Interface	BACnet MS/TP RS485 Baudrate configurable (9600, 19200, 38400, 57600, 76800, 115200 Baud)
Clamps	Terminal screw max 1mm ² finely stranded wire, max 1,5mm ² single-wire
Enclosure	Bottom part: material PA6, colour white Top cover: material PC, colour crystal clear
Protection	IP42 according to EN60529
Ambient temperature	-20...60 °C
Transport	-20...60 °C / max. 70%rH, non condensed
Weight	ca. 110g (without external antenna)

Norms & standards

CE-conformity	2004/108/EG Electromagnetic compatibility R&TTE 1999/5 EC Radio and Telecommunications Terminal Equipment Directive
Product safety	2001/95/EG Product safety
EMC	EN 61000-6-2: 2005 EN 61000-6-3: 2007 ETSI EN 301 489-3: 2001 EN 61000-3-2: 2006 EN 61000-3-3: 1995 + A1 + A2
Product safety	EN 60730-1: 2002



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Dimensions (mm)

