

ENOCEAN TRANSCEIVER GATEWAY EASYSSENS TRANSCEIVER GATEWAYS

DESCRIPTION

The **Thermokon EasySens Gateways** are receiver interface devices for EnOcean wireless sensors and switches to higher level control systems via BACnet MS/TP, Modbus or LON. The STC65-x models are bi-directional transceiver gateways and the SRC65 model is a uni-directional receiver gateway.

FEATURES

- **EnOcean Wireless Technology Gateway**
- **BACnet, Modbus, LON Protocols**
- **Easy to Install and Setup**



thermokon
Sensortechnik GmbH



SRC65-BACNET-902

SPECIFICATIONS

DEVICE OPERATION

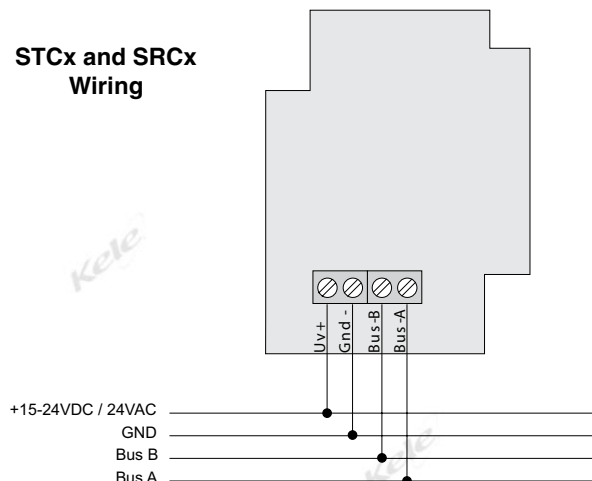
Supply Voltage	15-24VDC, 42mA / 24VAC, 1.3VA \pm 10%
Output	
SRC65-Bacnet	BACnet, RS 485, MSTP
STC65-RS485-MODBUS	Modbus, RS 485, RTU, (Remote Terminal Unit)
STC65-FTT	LON, FTT-10A, Free Topology Transceiver (FTT)
Protocols	
BACnet	MSTP
Modbus	RTU
LON	FTT-10
Accuracy	No degradation of accuracy
Indication	3 LEDs, Power, RX, Error 2 switch banks, Device address and Baud rate
Mounting	Two through mount holes
Opt. Remote Antenna	magnetic mount
Wiring	2 Power terminals through cable gland
Optional remote antenna	1-FME male connector
Operating Temperature	-4° to 140°F (-20° to 60°C)
Operating Humidity	0 to 70% RH, non-condensing
Construction	ABS Plastic, UL94 V-0
Enclosure Rating	NEMA 1 (IP42)
Dimensions	3.07"W x 1.79"H x 2.28"D (7.8 x 4.6 x 5.8 cm)
Weight	0.62 lbs (0.28Kg)
Warranty	2 years

RADIO TRANSCEIVER OR BACNET RECEIVER

Protocol	EnOcean
Frequency	902 MHz
Modulation	Direct Sequence Spread Spectrum (DSSS)
Transmit Power	10 mW (10 dBm)
Receiver Sensitivity	-102 dB
Open Air Range	328 ft (100m)
Transmission time	20ms
Transmission Interval	Receives and Transmits randomly per the input
Lost Comm. Fail Safe	No fail safe
Antenna	Internal or remote w/8 ft cable & FME female connector
Channels	One
Device Addresses	100 transmissions in proximity per minute
BACnet Receive	32 transmitters
Modbus Receive	32 transmitters or transmit to 8 receivers
LON Receive	16 transmitters or transmit to 11 receivers
Programming	Not required
Repeater Capable	Yes, (can increase open air range x2)
Compliance	FCC ID# SZV-TCM320U, IC# 5713A-TCM320U, RoHS, CE

WIRING

STCx and SRCx Wiring



ORDERING INFORMATION

MODEL	DESCRIPTION
SRC65-BACNET-902	EnOcean/BACnet Receiver Gateway (MSTP)
STC65-FTT-LON-902	EnOcean/LON Transceiver Gateway
STC65-RS485-MODBUS-902	EnOcean/Modbus Transceiver and Gateway (RTU)
SRC65-ETHERNET-902	Ethernet Bi-directional Transceiver Gateway

ACCESSORIES
TK-AS-902
Airscan configuration & survey USB transceiver (free software for Microsoft® or Apple® laptops)