

RESI.KNX.PRODUCTS

Overview of our KNX product portfolio



RESI-KNX-GW:

- NEW** Simple bidirectional gateway from ASCII via RS232/RS485 to KNX bus
- NEW** Support of all 32768 KNX group addresses
- NEW** Configuration via Terminal software like hterm
- NEW** Ideal solution for media control systems, PCs, Touch panels, ...

RESI-KNX-MODBUS:

- NEW** Mapping of KNX group addresses to MODBUS/RTU holding registers
- NEW** The gateway can map 300 KNX group addresses to internal registers
- NEW** Support of all 32768 KNX group addresses
- NEW** Simple configuration with our software tool MODBUSConfigurator
- NEW** Ideal solution for PLCs, DDCs, SCADA systems with a MODBUS/RTU master interface

RESI-KNX-ASCII:

- NEW** Like RESI-KNX-MODBUS
- NEW** Additional communication protocol: Simple ASCII text strings

KNX-PS 160mA power supply:

- NEW** Universal, extreme slim power supply from 12..48Vdc to KNX
- NEW** KNX output current 160mA
- NEW** KNX overload LED indication
- NEW** KNX shortcut protection

FREE CONFIGURATION SOFTWARE

You can download the free MODBUSConfigurator software from our homepage www.RESI.cc. If you have installed our tool, it will be updated via Internet automatically.

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RESI's MODBUS Configurator V1.0.5.21 - [C:\MBCConfigurator 2015\UNSTAPLAN_AEE_INTec Anbindung V100.mcp]

Project manager

Local Com-Port settings

Modbus unit: 255 IP-Address:

Device: COM7 Port:

Baudrate: 9600 Parity: NONE

Common

Download config Test connection Test

Device name: RESI-KNX-MODBUS Device type: KNX-to MODBUS/RTU module

Software version: ????

State: ????

Device specific

Upload config

Modbus address: 255 Modbus parity: NONE KNX address: 15.15.255 HELP

KNX Test Bench

MODBUS register MODBUS datatype MODBUS interval

6 SINT16 0

KNX group KNX datatype KNX direction Factor Comment

1.2.1 FLOAT16 READ 10 F2.01 Pufferspeicher 1

MODBUS register	MODBUS datatype	MODBUS interval	KNX group	KNX datatype	KNX direction	Factor	Value	Comment
4x1	SINT16	0	1.1.3	FLOAT16	READ	10	????	F1.03 VL-Pelletsessel
4x2	SINT16	0	1.1.4	FLOAT16	READ	10	????	F1.04 RL-Pelletsessel
4x3	SINT16	0	1.1.7	FLOAT16	READ	10	????	F1.07 VL-Pelletsessel
4x4	SINT16	0	1.1.8	FLOAT16	READ	10	????	F1.08 RL-Pelletsessel
4x5	SINT16	0	1.1.9	FLOAT16	READ	10	????	F1.09 Aussentemperatur
4x6	SINT16	0	1.2.1	FLOAT16	READ	10	????	F2.01 Pufferspeicher 1
4x7	SINT16	0	1.2.6	FLOAT16	READ	10	????	F2.06 Pufferspeicher 2
4x8	SINT16	0	1.2.11	FLOAT16	READ	10	????	F2.11 Pufferspeicher 3
4x9	SINT16	0	1.2.17	FLOAT16	READ	10	????	F2.17 Pufferspeicher 4
4x10	SINT16	0	1.2.22	FLOAT16	READ	10	????	F2.18 Pufferspeicher 5
4x11	SINT16	0	1.3.1	FLOAT16	READ	10	????	F3.01 VL-Solarsystem
4x12	SINT16	0	1.3.2	FLOAT16	READ	10	????	F3.02 RL-Solarsystem
4x13	SINT16	0	1.4.1	FLOAT16	READ	10	????	F4.01 VL-Heizsystem
4x14	SINT16	0	1.4.2	FLOAT16	READ	10	????	F4.02 VL-Heizsystem
4x15	SINT16	0	1.4.3	FLOAT16	READ	10	????	F4.03 RL-Heizsystem
4x16	SINT16	0	1.4.4	FLOAT16	READ	10	????	F4.04 RL-Zirkulation
4x17	UINT16	0	10.3.5	BIT	READ	1	????	V3.01 Ventil unterer WT
4x18	UINT16	0	10.3.6	BIT	READ	1	????	V3.02 Ventil unterer WT
4x19	SINT32	0	9.3.4	UINT32	READ	0.001	????	Z3.01.01 WMZ RL-Solar Q
4x21	SINT32	0	9.3.6	UINT32	READ	0.001	????	Z3.01.02 WMZ RL-Solar V
4x23	SINT16	0	1.3.1	FLOAT16	READ	10	????	Z3.01.03 WMZ T-VL
4x24	SINT16	0	1.3.2	FLOAT16	READ	10	????	Z3.01.04 WMZ T-RL
4x25	SINT32	0	9.3.2	UINT32	READ	0.001	????	Z3.01.05 WMZ RL-Solar P
4x27	SINT32	0	9.3.5	UINT32	READ	0.001	????	Z3.01.06 WMZ RL-Solar dV
4x29	SINT32	0	9.4.29	UINT32	READ	0.001	????	Z4.01.01 WMZ RL-Heizsystem Q
4x31	SINT32	0	9.4.30	UINT32	READ	0.001	????	Z4.01.02 WMZ RL-Heizsystem V
4x33	SINT16	0	1.4.2	FLOAT16	READ	10	????	Z4.01.03 WMZ T-VL
4x34	SINT16	0	1.4.3	FLOAT16	READ	10	????	Z4.01.04 WMZ T-RL

Upload config

Modbus address: 255 Modbus parity: NONE KNX address: 15.15.255 HELP

KNX Test Bench

MODBUS register MODBUS datatype MODBUS interval

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KNX group KNX datatype KNX direction Factor Comment

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4x10	SINT16	0	1.2.22	FLOAT16	READ	10	????	F2.18 Pufferspeicher 5
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Overview for our serial KNX modules

HOST SYSTEMS

