[EN] - Instructions for use
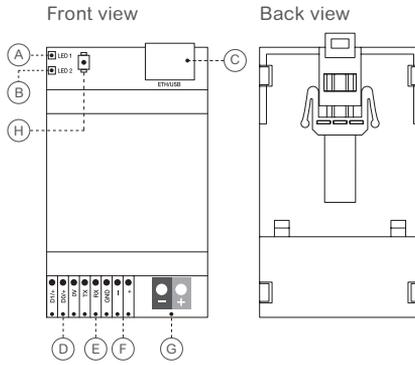
Code LSS100100

Wiser for KNX
Logic controller

Schneider Electric

KNX/Modbus/BACnet/IP

Modbus

BTL (BACnet Testing Laboratories)
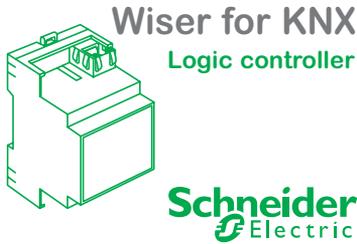
Connections and operating elements

Front view   Back view

A LED indicator 1

B LED indicator 2

C Ethernet terminal RJ45 with USB 2.0 type

D RS-485 Modbus terminal

E RS-232 terminal

F Supply 24 V DC

G KNX bus terminal

H Reset push button

For your safety

Danger

Risk of fatal injury due to electrical current. Any work on the device should only be carried out by qualified electricians. Please observe the country specific regulations as well as the relevant KNX guidelines.

Danger

The Wiser for KNX must be supplied via a SELV and low power circuit (LPS) certified power supply, according to the IEC 60950-1.
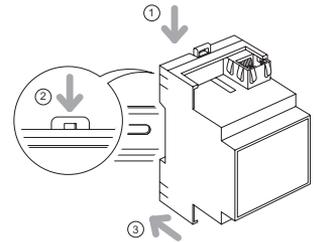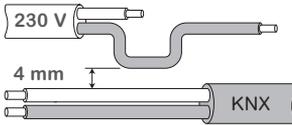
Mounting the Wiser for KNX

Warning

Risk of death from electric shock.

Mishandling of the device may cause damage. Safety clearance must be adhered to in accordance with IEC 60664-1. There must be at least 4 mm between the individual cores of the 230 V supply cable and the KNX bus cable.

230 V

4 mm

KNX

1 Place the device into the DIN rail (see picture)

2 Press down the DIN rail lock

3 Wire the device of the desired application accordingly and connect the power supply at the end

Getting to know

The Wiser for KNX is the easiest way to visualise and program complex logic in KNX and Modbus networks.

Applications:

> Logical functions

> WEB SCADA visualization for PC and touch-devices

> Cross-standard gateway between KNX and Modbus RTU/TCP

> BACnet Server

> Integration with third party devices over RS-232 (IR, AV)

> Scheduling

> Camera streaming

> Data logger with trends

Technical data

Supply voltage	24 V DC
Power consumption	2 W
LED indicator 1	Green LED (CPU load)
LED indicator 2	Green LED (Operation) or Red LED (Reset)
Interface	1x KNX
	1x10BaseT/100BaseTX
	1x RS-485 (incl. polarization resistors 47 kΩ, no termination)
	1x RS-232
	1x USB2.0
	1x Reset push button

Terminal	
KNX bus	Bus connecting terminal
	2 x 0.8 mm
Power supply	Clamp, 0.5 mm²–1.5 mm²
Serial	Clamp, 0.5 mm²–1.5 mm²
Operation	-5°C to +45°C
Environment	Can be used at elevations up to 2000 m above sea level (MSL)
Max. humidity	93%, no condensation
Dimension (HxWxD)	90 x 52 x 58 mm

Network configuration

Default IP configuration

Login name:	admin
Password:	admin
IP address on LAN	192.168.0.10
Networks mask on LAN	255.255.255.0

Please read the Wiser for KNX product manual carefully for advice on how to configure and program the device properly. This product manual is available at Schneider Electric front office in your country.

Status LED

Procedure		LED 1 status	LED 2 status
Operating device			Green steady ON
Rebooting device	**Press RESET < 10sec**		Steady Red
Temporary settings of default IP	**Press RESET > 10 sec** To exit temporary settings **Press RESET < 10 sec** or Select system config -> **System -> Reboot**	Blinking Green proportionally to CPU load	Blinking Red
Factory settings of default IP passwords & project deleted	**Press RESET > 10 sec + Release + Press RESET > 10 sec**		Flashing Red

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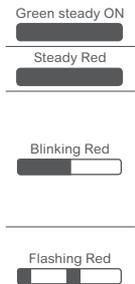
If you have any technical questions, please contact the customer care center for your country.