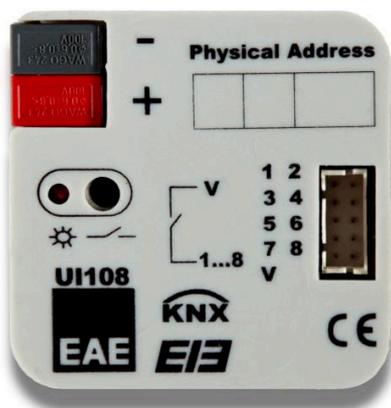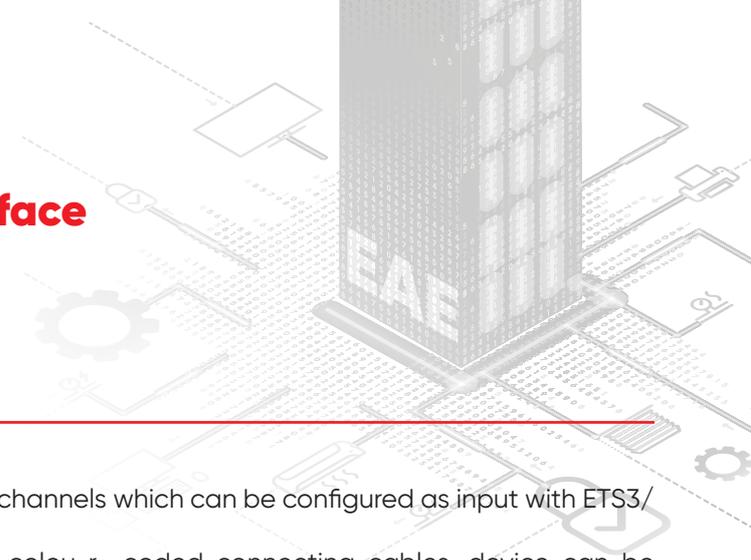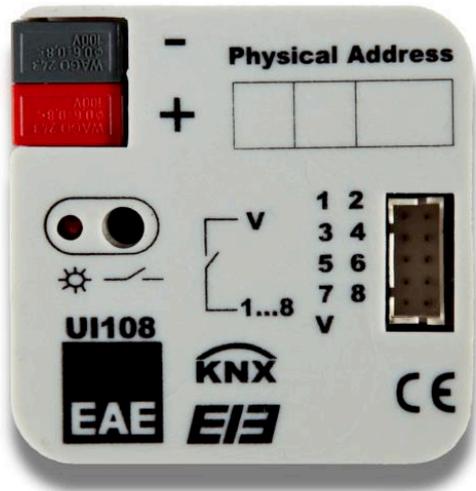# Datasheet UI108
EAE KNX Universal Interface
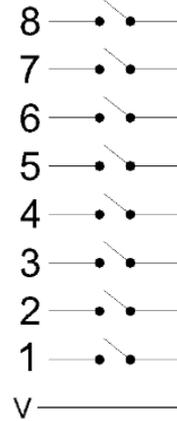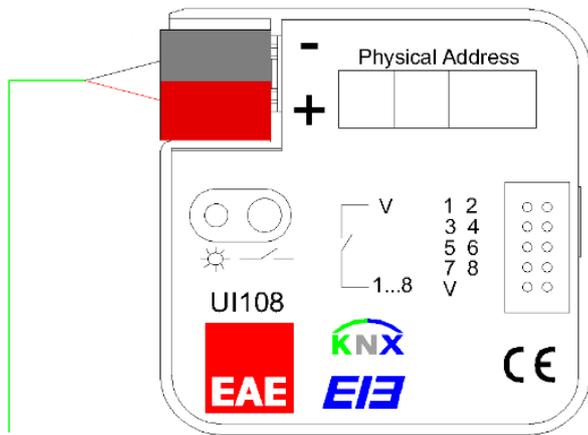
All you need is EAE

General Features

- Eight channels which can be configured as input with ETS3/ETS4.
- Using colou r- coded connecting cables, device can be installed in combination with conventional push buttons/switches in flush-mounted sockets.
- The bus connection is enclosed bus connecting terminal. It is installing in deep flush-mounted outlet box. (60 mm x 60 mm).
- The following list provides an overview,
    o Switch / push button input
    o Dimmer control
    o Control of shutter/blinds
    o Value
    o Scene control
    o Counter for count pulse
- Each channel can actualize any of these functions separately.

Technical Data

Power Supply	Voltage	21V... 30V DC, via the KNX bus
	Current draw from bus voltage	10mA
Inputs	Number	8 inputs
	Cable length	≤10 m
Input	Scanning voltage	3.3 V DC
	Input current	0.5 mA
Operating Elements	LED (red) and button	For physical address
Connections	Input /Output	2 x 5 core screw-type terminal
	KNX	Bus connect terminal
Temperature Range	Ambient	−5° C + 45° C
	Storage	−25° C + 55° C
	Transport	−25° C + 70° C
Dimensions	42,5 x 42,5 x 12mm	
Weight	0.06 kg	
Material	Plastic, polikarbon, colour grey	
CE	In accordance with the EMC guideline and low voltage	

R1.0

Connections

Pin Number	Symbol	Description
V	Vcc	3.3V DC power supply. It is used supply for switch. In addition operating mode as an input, use scanning voltage.
1 ... 8	Input	Adjustable pin

Technical Drawings

R1.0