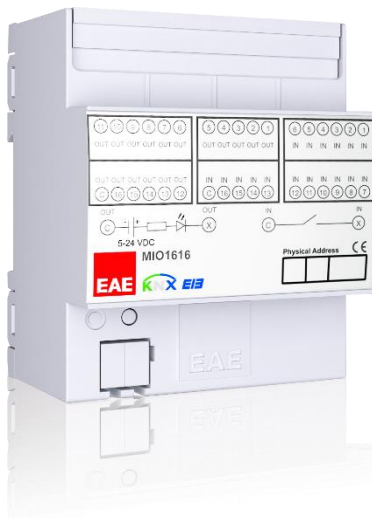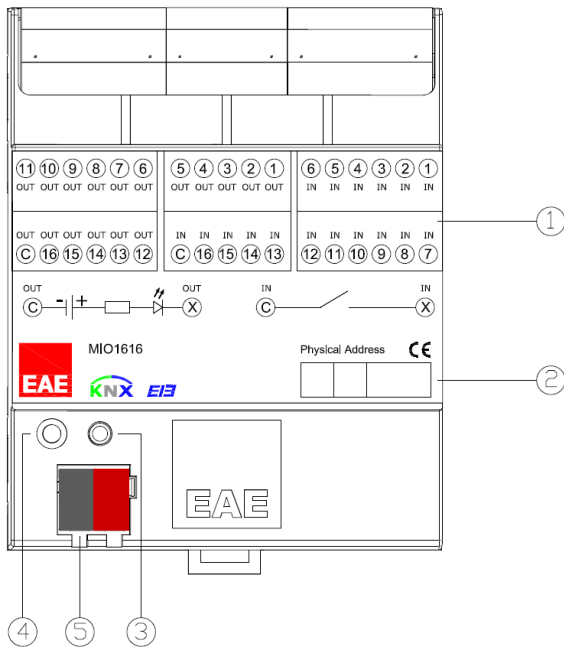## General Description

- The KNX Multi Input/output MIO1616 provides multiple connections for push buttons and signal lamps for building functions in one device.
- All channels can be parameterized independently with ETS4/ETS5 or higher version.
- MIO1616 has 16 input channels and 16 output channels.

- 16 input channels provide following function list,
  - Switch / push button input
  - Dimmer control
  - Control of shutter/blinds
  - Value
  - Scene control
  - Counter for count pulse

- 16 output channels provide following function list,
  - LED control

- Does not require an external power supply.

Technical Data

Type of protection	IP20	EN 60 529		
Safety class	II	EN 61 140		
Power supply:	- Voltage	21V… 30V DC, via the KNX bus		
	- Current draw from bus voltage	10mA		
Inputs	- Number	16 inputs		
	- Maximum cable length	<200 m		
Input	- Scanning voltage	5V DC		
	- Input current	0.5 mA		
	- Maximum cable length	< 200 m		
Outputs	- Number	16 outputs		
	- Maximum cable length	< 100 m		
Output	- Output current	400mA		
Operating elements	- LED (red) and button	For physical address		
Connections	- Input /Output	Plug-in screw-type terminal		
	- KNX	Bus connect terminal		
Temperature range	- Ambient	-5° C + 45° C		
	- Storage	-25° C + 55° C		
Humidity	- max. air humidity	95 % no moisture condensation		
Dimensions		65,5 x W x 89mm		
	Width W in mm	72 mm		
	Width W in units (18 mm modules)	4 modules		
Weight	0.15 kg			
Box	Plastic, polycarbonate, colour grey			
CE	In accordance with the EMC guideline and low voltage			
Application program	Communications objects	Number of addresses(max)		Number of assignments(max)
	144	255		255

Connection

1. Input-Output Diagram

2. Physical address label

3. Programming button

4. Programming LED

5. KNX Power

Scale Drawing