

Datasheet MIO1616

EAE KNX Multi Input / Output

All you need is EAE



General Description



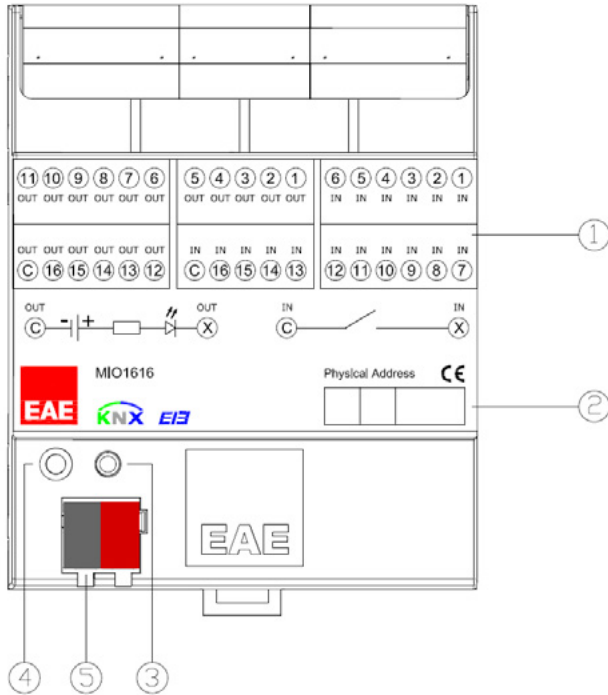
- The KNX Multi Input/output MIO1616 provides multiple connections for push buttons and signal lamps for building functions in one device.
- All channels can be parameterized independently with ETS4/ETS5 or higher version.
- MIO1616 has 16 input channels and 16 output channels.
- 16 input channels provide 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	Width W in mm	65,5 x W x 89mm
	Width W in units (18 mm modules)	72 mm 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

