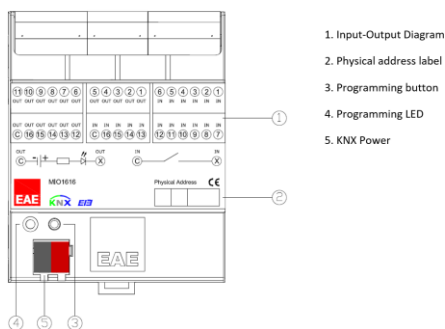


Device Overview



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 **LED Control** function.

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	< 10mA
Inputs	Number	16 inputs
	Scanning voltage	5V DC
	Input current	0.5 mA
	Maximum cable length	< 200 m
Outputs	Number	16 outputs
	Maximum cable length	< 100 m
	Switchable voltage range	5...24V DC
	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 % non-condense
Dimensions		65,5 x W x 89mm
	Width W in mm	72 mm
	Width W in units	4 modules (18mm for each)
Weight		0.15 kg
Box		Plastic, polycarbonate, colour grey
CE		In accordance with the EMC guideline and low voltage guidelines.

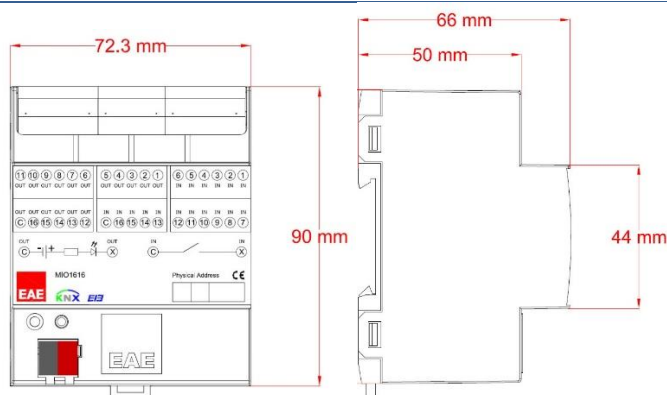
Operation and Display

-Programming Led ⁽³⁾

Red led lights up after the programming button is pressed.

Additional 5...24V DC power source is needed to switch output lamps.

Scale Drawings



Commissioning

Determination of the physical address and setting of parameters are actualized with Engineering Tool Software (ETS4 or higher). ".knxprod" file must be imported to the ETS. Please check website for latest ".knxprod" file.

www.eaetechnology.com

i A detailed information about parameter configuration can be found in Product Manual of device.

! Installation and commissioning of device may only be implemented by trained electricians. The relevant standards, directives, regulations and instructions must be observed when planning and implementing the electrical installation.

- When connecting the device make sure that the device is isolated!
- Protect the device against moisture, dirt and damage during transport, storage and operation!
- Do not operate the device out of the specified technical data which is stated.
- The device may only be operated in closed enclosures (Distribution boards etc.)

Cleaning

If device becomes dirty, only a dry cloth can be used for cleaning. It is not suitable to use wet cloths, caustics and solvents.