

Since 1981  
Four Decades of MESSUNG



Excellence & Innovation, Since 1981

**MESSUNG**

*Qurtican*

An initiative by Messung

  
**navo mesh**  
A Make in India Initiative

**KNX**





Excellence & Innovation, Since 1981

# MESSUNG



A Make in India Initiative

## TECHNOLOGY CENTRE

All Messung Ourican Products are Designed,  
Developed and Manufactured in India



Timeless and Future-proof Technology

# Limitless Potential

It's all about KNX 

Messung Ourican offers state-of-the-art KNX solutions designed and developed by experts, integrating more than 40 years of experience, and is quality tested in accordance with global standards.

Over the last 3 years, Messung has invested in a proper R & D department and a state of the art In-house production facility in Pune, India to manufacture the entire range of Ourican products. The KNX range of products have received official KNX certification, reinforcing Messung's vision to deliver International quality products to the market.



## Fan Controller

### MES-CFC-4PRO

Ceiling Fan Controller 4 Channel

4 Channel ceiling fan controller offering 5 speed control of 4 independent fans over KNX primarily used with AC ceiling fans upto 90W load.

#### Features:

- 4 Channel ceiling fan controller
- Control up to 5 speed for each channel
- Manual output operation with push button and LED indication
- 10 Scene functionality
- Programming button with LED indication
- Maximum load per channel (recommended): 90 W
- Mains input voltage: 230VAC (50 Hz) +10% -20%
- Dimension: 213 (L) X 90.5 (H) x 62 (D) mm (12 DIN units)
- Recommended cable section: 2.5 SQ. MM.

\*10A MES-CFC-4 also available. Requires external 24VDC power supply.



## Actuator

### MES-DO-16R

16 Channel Multi-function Actuator



A multi-function actuator with 16 relays that can be used for a wide array of control functions from basic light on/off, shutter control (2 channels per motor), boilers, fan on/off, to name a few applications.

### Features:

- 16 individual outputs or 8 shutter channels.
- **Supports one two-pipe fan coil control for cooling (on/off valve and fan speed control for FCU).**
- 10-scene functionality.
- Enables one-channel ceiling fan control using 4 relays and the EX-CFC-1 module.
- Manual output operation with push-button and LED status indicator.
- In-built thermostat functionality.
- Allows connecting different phases for different outputs.
- Includes logical functions.
- Output relay rating: 16A/250VAC.
- Rated current per output: 16A\*277VAC (4,432 VA).
- Maximum inrush current: 100A (resistive load).
- Outputs per common: 1 output (switching), 2 outputs (shutter).
- Dimensions: 142.3 (L) x 90.5 (H) x 62 (D) mm (8 DIN units).

## Actuator

### MES-DO-8R

8 Channel Multi-function Actuator



A multi-function actuator with 8 relays can be used for a wide array of control functions from basic on/off of lights, fans, ACs, motorized curtains (2 channels per motor), to name a few applications.

#### Features:

- 8 Individual outputs/4 shutter channels
- Manual output operation with push button and LED status indicator
- 10 Scene functionality
- Logical functions included
- Timer and pulse functionality
- By using 4 relays and adding EX-CFC-1 Module, we can add one channel ceiling fan control
- Possibility of connecting different phases in different outputs
- Programming button with LED indication
- Output relay rating: 16A/250VAC
- Rated current by output: 16A\*277VAC (4,432VA)
- Maximum inrush current: 100 A (resistive load)
- Outputs per common: 1 output (switching) 2 outputs (shutter)
- Dimension: 71.3 (L) x 90.5 (H) x 62 (D) mm (4 DIN units)

## Actuator

### EX-CFC-1

#### Expansion 1 Channel Ceiling Fan Controller



A unique product in the Ourican basket. Utilising 4 relay channels from any of the Ourican actuators, the EX-CFC-1, then provides complete ceiling fan control (1 channel, 5 speeds, scenes, etc.) over KNX. Ideal solution for last minute additions to the installation.

#### Features:

- 1 Channel ceiling fan controller
- EX-CFC-1 is an accessory to the actuators, utilizing 4 output channels of the actuator to operate a single ceiling fan
- Controls up to 5 speeds
- 10 Scene functionality – configurable from scene 1 to 64
- LED indicator showing that the device is on
- Manual operation using push buttons and LEDs status indicators of MES-DO-16R
- **Only compatible with MES-DO-16R and MES-DO-8R**
- Fan wattage - 90W
- Dimension: 45 (L) x 90.5 (H) x 62 (D) mm (2 DIN units)



## Actuator

### MES-DICE23

2 Channel Multi-function Outputs  
3 Channel Universal Inputs



2, 16A outputs, 3 inputs, in a compact assembly to be mounted ideally in a switch metal box. A preferred solution for last minute circuit additions or when wiring is a constraint at site. Inputs can be used to bring KNX operability over conventional switches, motion sensor, door/window contacts, temperature sensors.

### Features:

- 2 Individual outputs /1 Shutter Channels
- 3 Digital and analog inputs
- Manual output operation with push button and LED status indicator
- 10 Scene functionality
- Timer and pulse functionality
- Logical functions included
- Possibility of connecting different phases in different outputs
- Programming button with LED indication
- Dimension: 50.5 (L) X 55.5 (H) X 34.1 (D) mm

## Lighting Control

### MES-DIM-4VR

4 Channel Analog Dimmer



4 Channel Analog dimmer compatible with most analog dimmable drivers available. Multiple drivers can be connected over each channel. Dimming parameters are programmable over ETS.

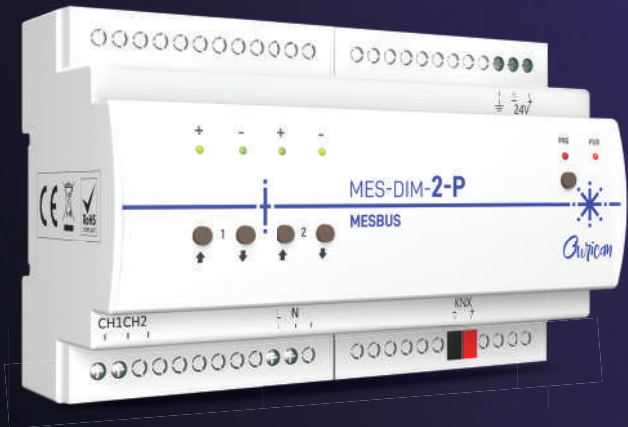
### Features:

- 4 Channels of 0 - 10V output and 4 channels for relay switching
- Manual output operation with push button and LED status indicator
- 10 Scene functionality
- Possibility of connecting different phases in different outputs
- Programming button and LED
- Output relay rating: 16A/250VAC
- Maximum current: 16A
- Maximum power: 4000VA
- Max number of drivers per channel: 32
- Dimension: 71.3 (L) X 90.5 (H) X 62 (D) mm (4 DIN units)

## Lighting Control

### MES-DIM-2-P

2 Channel Phase-Cut Dimmer



2 Channel phase-cut dimmer. The device offers up to 250W dimming per channel. Primarily recommended for incandescent and LED lights. Dimming parameters programmable over ETS.

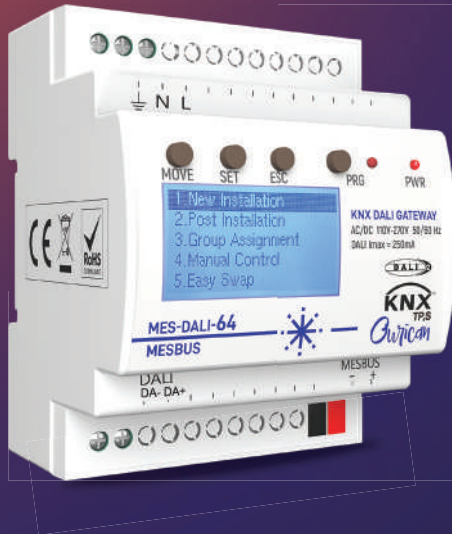
### Features:

- 2 Individual outputs/channels
- Manual output operation with push button and LED status indicator
- 10 Scene functionality
- Programming button
- Dimming control: on/off and dimming 0 – 100%
- Short circuit protection: Yes
- Outputs per common: 1 individual output
- Maximum allowed power: 250W per channel
- Load type: incandescent and LED
- Dimension: 142.3 (L) X 90.5 (H) X 62 (D) mm (8 DIN Units)

## Lighting Control

### MES-DALI-64

1 CH DALI Interface



MES-DALI-64 controls 64 independent DALI drivers and 16 DALI groups. The module is designed on the DALI 2.0 protocol and offers lighting temperature control (cool & warm).

### Features:

- 1 DALI outputs for max. 1 x 64 ECGs
- Individual control of up to 64 ECGs/16 DALI groups
- **Offers complete RGB mood lighting control.**
- Supports DALI and DALI-2 standard, as well as DALI DT6/DT8 ECG
- Tunable White, color temperature control
- Feedback on switching condition and brightness levels in both bus and manual operation.
- 16 Scene functionality
- Fault detection of lamp faults and faulty ECGs
- Individual DALI devices can be replaced during operation without software.
- Integrated DALI Power supply
- Short circuit, overload and overvoltage protection.
- LCD display for menu guidance during start-up and parameter settings
- Free Utility software for commissioning the DALI bus system & configuration of the scenes.
- DIN rail mount assembly
- Dimension: 71.3 (L) X 90.5 (H) X 62 (D) mm (4 DIN Units)

## IR Controller

### MES-DICE-IR4

4 Channel IR Interface for AC and AV



4 Channel IR controller for individual and synchronized control of electronic devices (that operate on IR). Devices like ACs, TVs, other AV components can be completely controlled over IR, reducing the need for individual remotes.

### Features:

- 4-channel IR interface for AC and AV.
- **Ability to learn 100 universal IR codes and 1,020 AC IR codes.**
- **Configure up to 4 ACs.**
- ETS programming simplified with special software for code learning.
- Supports 20 macros with 10 steps each to send multiple IR codes sequentially.
- 16-scene functionality for AC control, including status updates.
- Data saved during BUS failure.
- Maximum IR cable distance per channel: 10 meters.
- Dimensions: 50.5 (L) x 55.5 (H) x 34.1 (D) mm.

## IR Learner

### MES-DICEJR-IRL

IR Learner Tool for MES-DICE-IR4



MES-DICEJR-IRL serves as a support device for learning IR codes from remotes, which can then be programmed into MES-DICE-IR4.

### Features:

- Ability to learn AV/TV and AC IR codes for devices
- Ability to test the learned IR codes using a utility
- LED Indication when learning and testing the IR codes
- Easy detection on Laptop/PC (No external driver required)
- Small size: 57.4 (L) x 19 (H) x 44.4 (D) mm

## Input Device

### MES-DI-16

16 Channel Digital Input



16 digital inputs primarily used to connect the KNX eco-system to binary Input Device conventional switches. It then allows control of lights, dimming, fans, shutters, etc., over binary switches provided the control points are on KNX.

### Features:

- 16 Individual inputs (non-isolated)
- LED indicator for individual input channels
- Suitable for switching, dimming, shutter, fan and scene control
- Programming button with LED indicator
- Dimension: 71.3 (L) X 90.5 (H) x 62 (D) mm (4 DIN Units)

## Power Supply

### MES-PSU-640

KNX Bus Power Supply



KNX Power supply to convert 230V to 29VDC output.  
Required for all KNX installations.

### Features:

- 180-270VAC 50 Hz or 250-320VDC input voltage
- KNX bus supply with additional 29V DC aux supply
- Low standby power consumption, high efficiency
- Output short circuit, over-current, over-voltage protection
- KNX bus reset function
- LED indicators for working status, over-load and reset
- High I/O isolation test voltage up to 4000VAC
- SELV (Safety Extra Low Voltage)
- Integrated KNX choke
- Dimension: 71.3 (L) X 90.5 (H) x 62 (D) mm (4 DIN units)



White



Black



Grey





## MES-OKS-6K

- Size: 82X82 mm
- Single and pair button functionality
- Data saving on KNX Bus failure
- No external supply required
- In-built thermostat functionality

Messung Ourican's new front-end device, the MES-OKS-6K, offers 6 high-quality, multi-functional push buttons. Available in the same 82X82 mm size as the MES-OKS-6D, the two front ends complement each other in offering a wide range of control solutions for home, office, and hotel automation installations.

The MES-OKS-6K is simple, sturdy, and made with utility in mind. The device can be programmed for lighting on/off, dimming, shutter control, ceiling fan control, or any other on/off, dimming application. It can also be programmed to control complex scenes, from a basic maid scene at home to a complete entry-exit scene to control the whole KNX ecosystem with the press of one button.



White



Black



Grey



## MES-OKS-6D

- 6 High quality multi-function push buttons and display
- 6 Pages 32 programmable functions available
- 2.4" Colour display
- Customized in-built icons
- In-built thermostat functionality
- Available in white, grey and black
- 82 X 82 mm

A versatile KNX front-end from Ourican. 6 push buttons, allow 32 functions over a multi-page display (2.4" colour). An extensive icon library for programming. In-built RTC.



**MES-OKS-ELEGANCE**



White



Black



Grey

- Size: 82 x 82 mm.
- 3-gang, 6-button piano switch.
- Status indication via color LEDs.
- In-built temperature probe.
- Single and paired button functionality.
- Data saved during KNX BUS failure.
- No external power supply required.
- Available in white, black, and grey.

## System Device

### MES-IP-SERVER

IP Server for Smartphone App

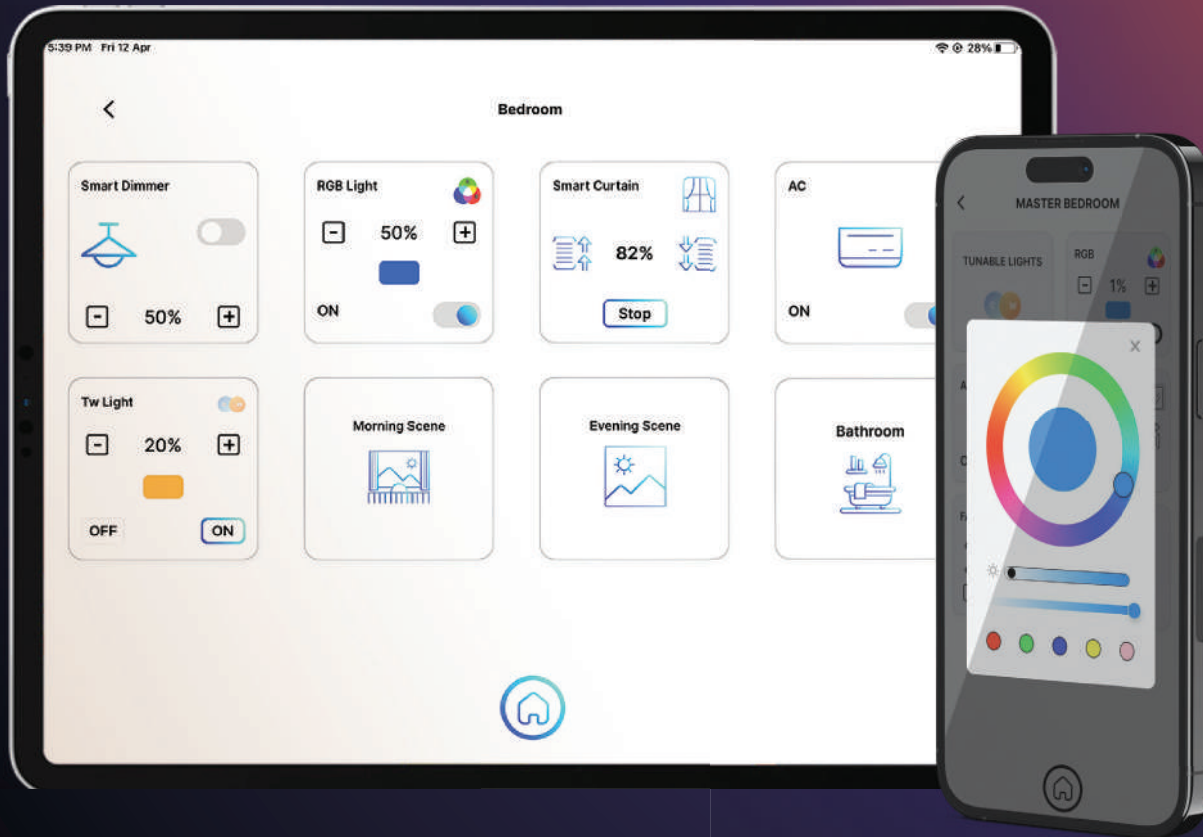


### Features:

- Interface for Ourican View (Messung Mobile App)
- Supports 120 controls in 15 pages
- Configuration of controls through ETS
- In-built icons library
- IP configuration through ETS or get IP address through DHCP server
- Cloud connectivity
- Dimension: 71.3 (L) X 90.5 (H) X 62 (D) mm (4 DIN unit)
- 2 status LEDs
- Ethernet 10BaseT (10Mbps) with RJ45 socket

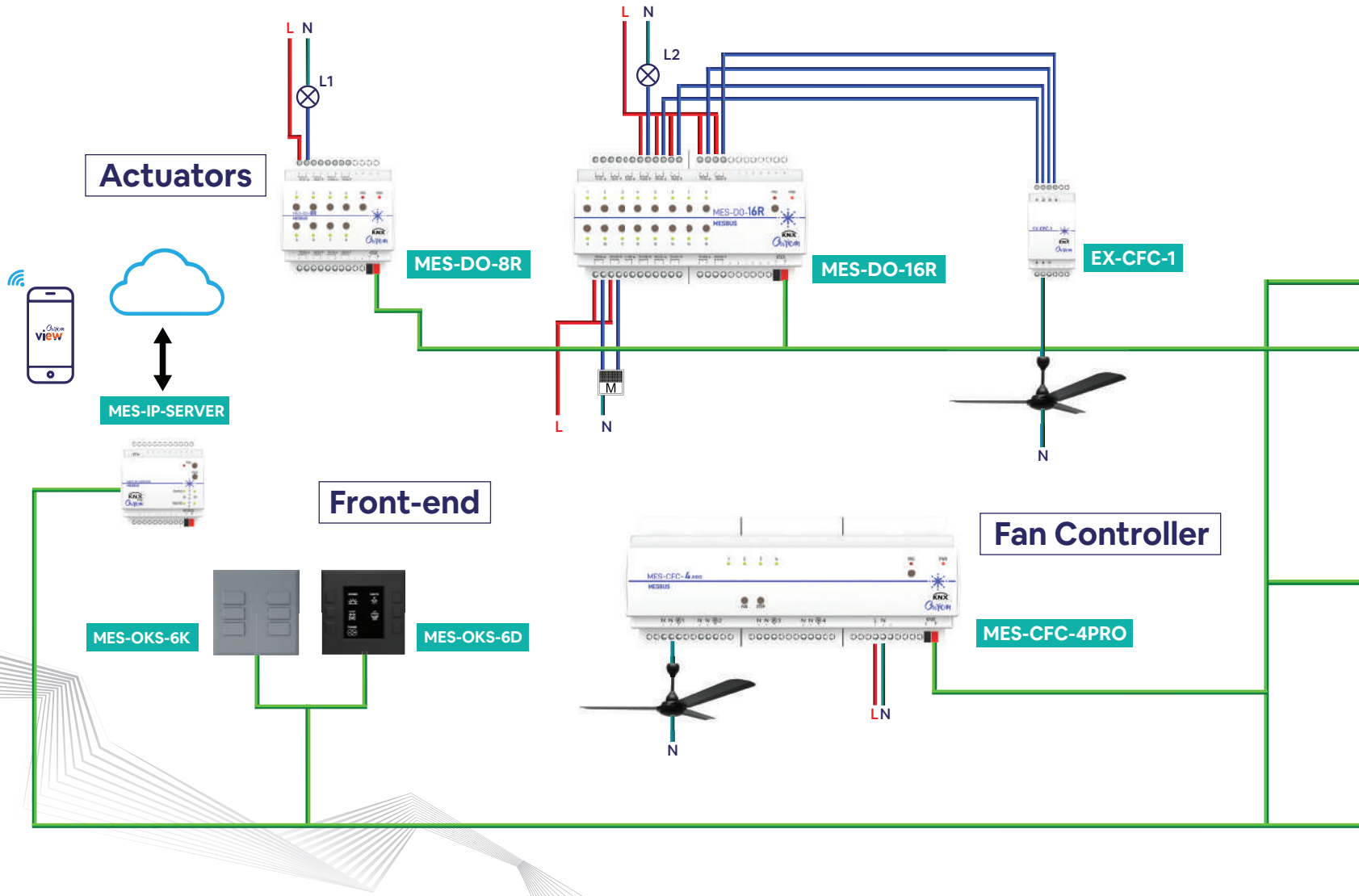
# Ourican view

The Ourican View app, works on the MES-IP-SERVER and offers seamless integration of the KNX ecosystem of a home, commercial space or even a Hotel room over the user's phone or tablet. Easy to install with a wide array of icons available to programme 120 complex control functions and scenes as per the user's convenience.

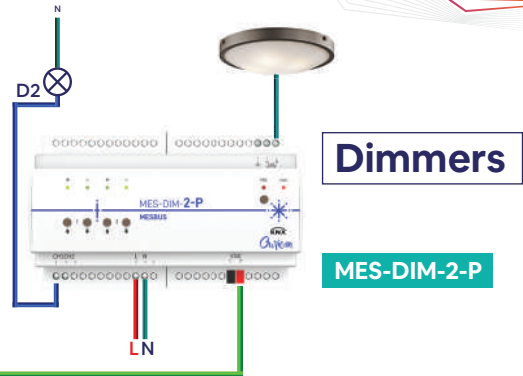
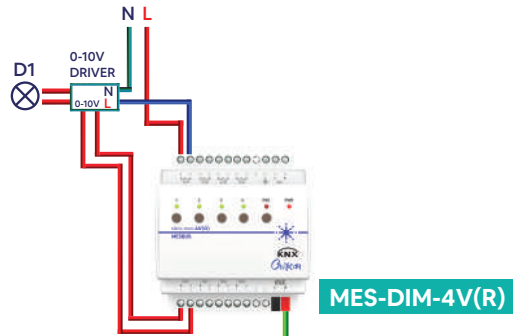
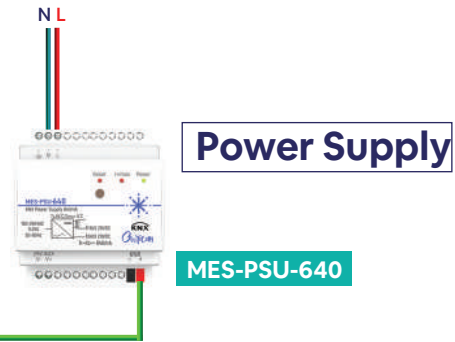


KNX Solution

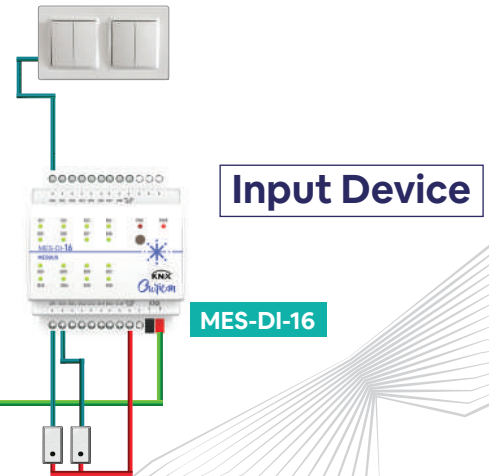
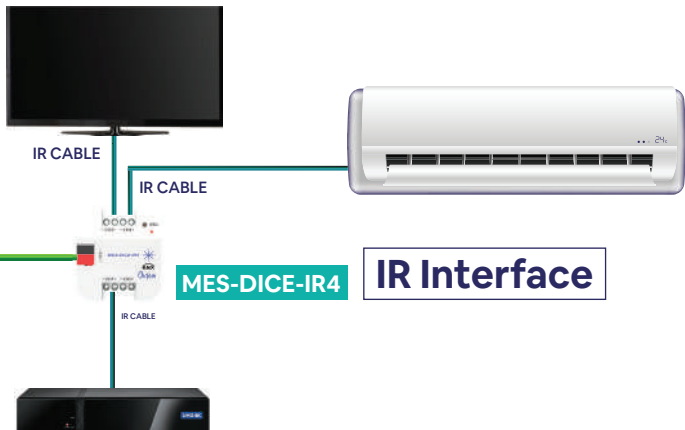
# KNX Ecosystem







KNX BUS



# Upcoming KNX products in 2025

## Actuator

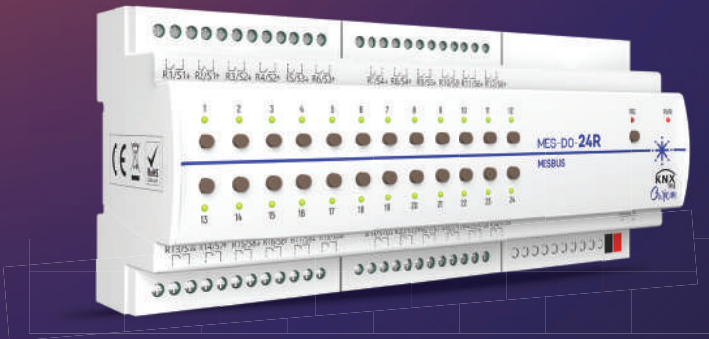
### MES-DO-24R

24 CH Multi-function Actuator

A multi-function actuator with 24 relays that can be used for a wide array of control functions from basic light on/off, shutter control (2 channels per motor), boilers, fan on/off, to name a few applications.

### Features:

- 24 Individual outputs/12 shutter channels
- Manual output operation with push-button and LED status indicator
- 10 Scene functionality
- Enables one-channel ceiling fan control using 4 relays and the EX-CFC-1 module Logical functions included
- Possibility of connecting different phases in different outputs
- Programming button and LED indication
- Output relay rating: 16A/250VAC
- Rated current by output: 16A\*277VAC (4,432 VA)
- Maximum inrush current: 100 A (resistive load)
- Outputs per common: 1 output (switching) 2 outputs (shutter)
- Dimension: 213 (L) x 90.5 (H) x 62 (D) mm (12 DIN Unit)



Coming Soon in 2025

KNX Solution

Compact and Flexible Technology for  
a Better Tomorrow

# Swift & Efficient

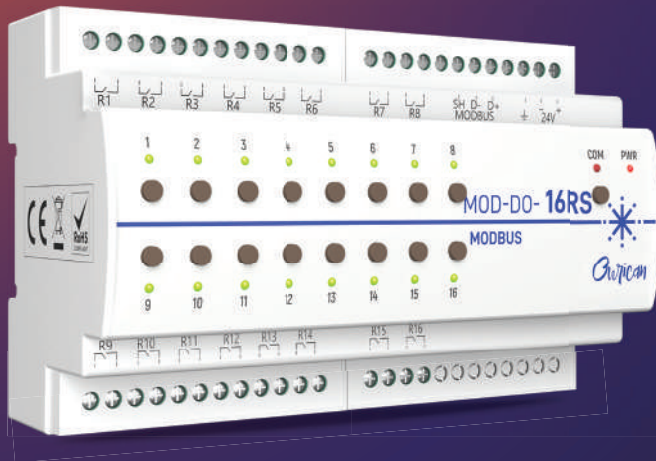
It's all about MODBUS 

Messung Ourican offers the finest MODBUS solutions designed and developed by experts, integrating more than 40 years of experience, and is quality tested in accordance with global standards.

## Actuators

### MOD-DO-16RS

16 Channel Multi-function Actuator



A multi-function actuator with 16 relays that can be used for a wide array of control functions from basic on/off of lights, fans, ACs, boilers, motorized curtains, to name a few applications.

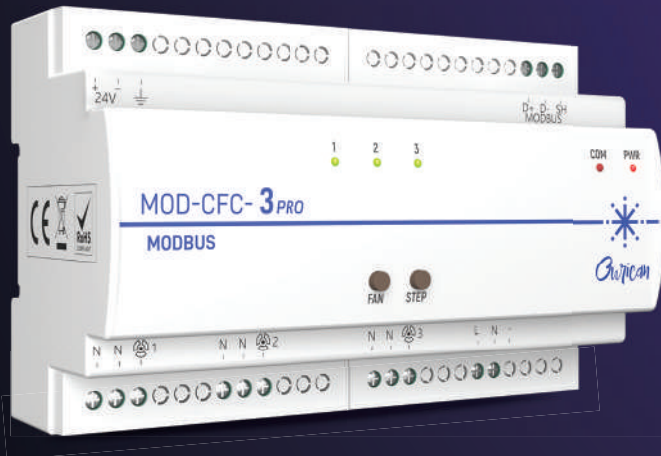
### Features:

- 16 Individual outputs/8 shutter channels
- Manual output operation with push-button and LED status indicator
- 10 Scene functionality
- Possibility of connecting different phases in different outputs
- Power and communication LEDs status provided
- Output relay rating: 16A/250VAC
- Rated current by output: 16A\*277VAC (4,432 VA)
- Maximum inrush current: 100 A (resistive load)
- Outputs per common: 1 output (switching) 2 outputs (shutter)
- Dimension: 142.3 (L) x 90.5 (H) x 62 (D) mm (8 DIN units)

## Fan Controller

### MOD-CFC-3PRO

3 Channel Ceiling Fan Controller



3 Channel ceiling fan controller offering 5 speed control of 3 independent Fan Controller fans over MODBUS. Primarily used with AC and ceiling fans upto 90W load.

#### Features:

- 3 Channel ceiling fan controller
- Control up to 5 speeds for each channel
- Manual output operation with push button
- DIP switch for MODBUS RTU slave configuration
- Dimension: 142.3 (L) X 90.5 (H) x 62 (D) mm (8 DIN units)

## Lighting Control

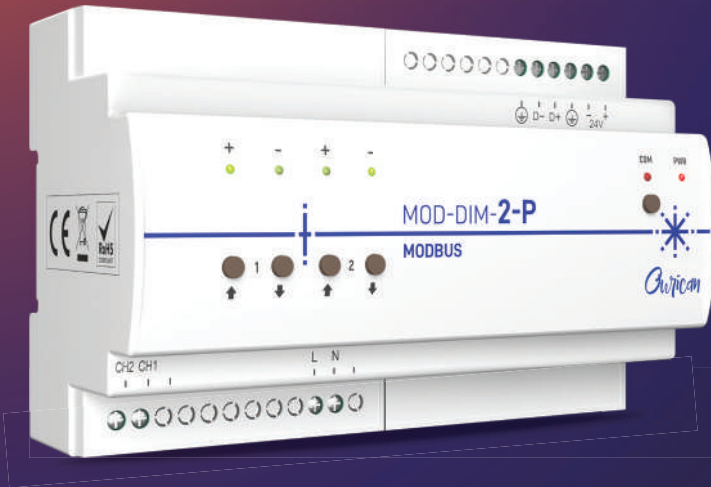
### MOD-DIM-2-P

2 Channel Phase-Cut Dimmer

2 Channel phase-cut dimmer. The device offers up to 250W dimming control per channel. Recommended for incandescent and LED lights.

#### Features:

- 2 Channel phase-cut dimmer for incandescent and LED lamps
- Manual output operation with push button and LED status indicator
- LED indication for communication and power status
- DIP switch for MODBUS configuration
- High speed modbus RTU (slave) communication
- Maximum allowed power: 250W per channel
- Dimension: 142.3 (L) X 90.5 (H) x 62 (D) mm (8 DIN units)



## Input Device

### MOD-DI-8

#### 8 Channel Digital Input Modbus RTU



8 digital inputs used to bring the automation system to conventional switches in an installation. It then allows dimming, on/off, fans, AC on/off, etc., over conventional switches provided all control points are on a MODBUS automation infrastructure.

#### Features:

- 8 Channel digital input
- Two independent groups of 4 inputs (sink/source)
- Isolated between logic and inputs
- LED indication for each input status, communication & power
- DIP switch for Modbus RTU slave configuration
- No configuration software needed
- Suitable for switching, dimming, shutter, fan and scene control
- Dimension: 71 (L) X 90.5 (H) x 62 (D) mm (4 DIN units)



**Expanding Our Global Presence**

Industrial Automation | Building Automation & Controls | Home, Office & Hotel Automation | Workplace Technology