

Since 1981  
Four Decades of MESSUNG



Excellence & Innovation, Since 1981

**MESSUNG**

*Qwrican*  
An initiative by Messung

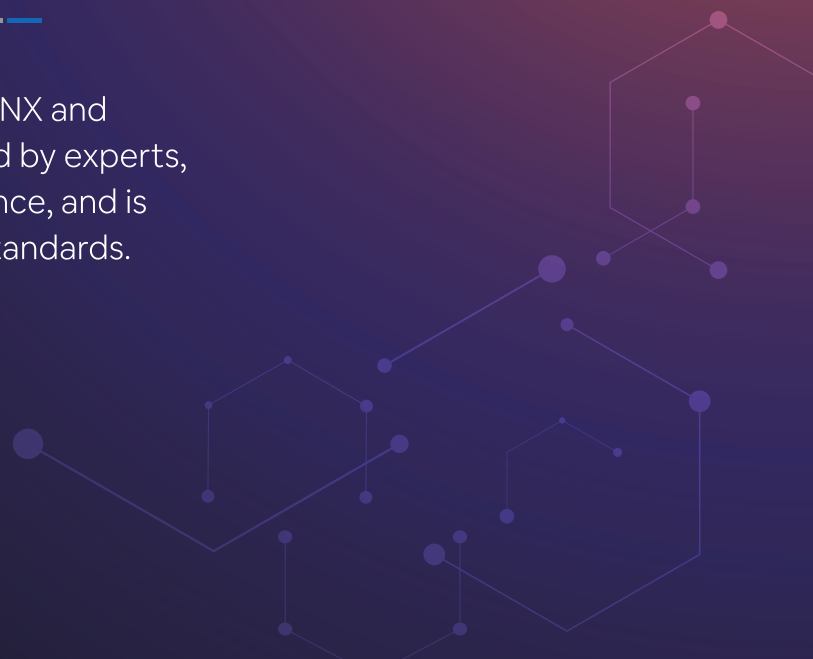
  
**navomesh**  
A Make in India Initiative

Timeless and Future-proof Technology

# Limitless Potential

It's all about KNX and MODBUS 

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



## 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.

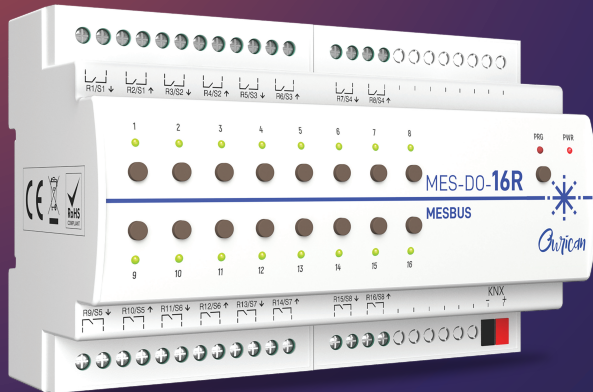
#### Features:

- 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.

## Actuator

### MES-DO-16R

16 Channel Multi-function Actuator



A multifunction 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/8 shutter channels
- 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 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: 142.3 (L) x 90.5 (H) x 62 (D) mm (8 DIN units)



## Actuator

### MES-DO-8R

#### 8 Channel Multi-function Actuator



A multifunction 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
- 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, then provides complete ceiling fan control (1 channel, 5 speeds, scenes, etc.) over KNX. Ideal solution for last minute additions to the installation.

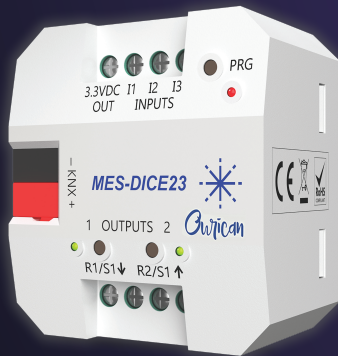
#### Features:

- 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 Actuator



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-4V

#### 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.

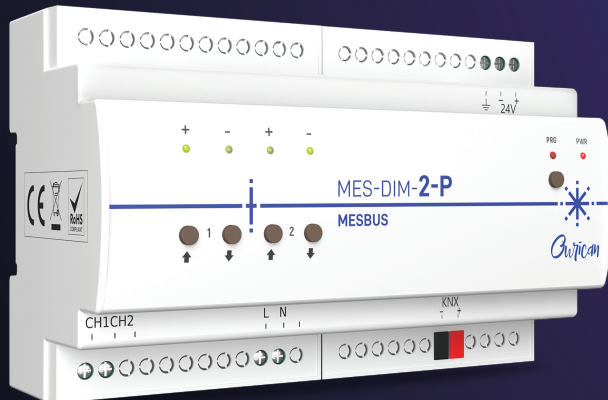
#### Features:

- 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: 7
- 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 upto 250W dimming per channel. Primarily recommended for incandescent and LED lights. Dimming parameters programmable over ETS.

\*4 channel version launching later in 2023

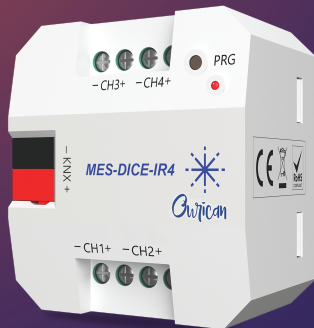
#### Features:

- 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)

## IR Controller

### MES-DICE-IR4

4 Channel IR Interface for AC and AV



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

\*Launching mid 2023

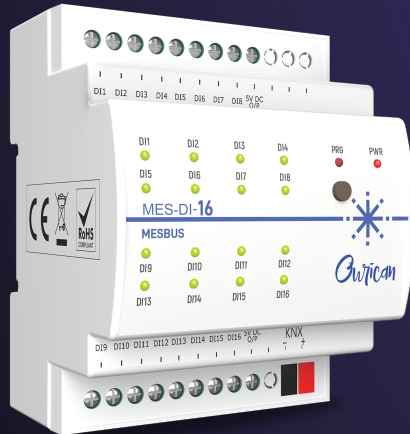
#### Features:

- 4 channel IR Interface for AC and AV
- 10 Scene functionality
- IR code learning facility
- 200 IR codes
- Total data saving on BUS Failure
- Dimension: 50.5 (L) X 55.5 (H) X 34.1 (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:

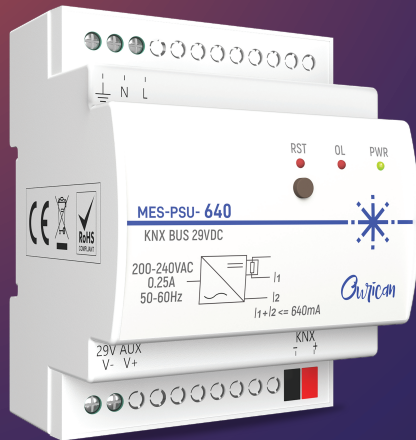
- 16 Individual inputs (non-isolated)
- LED indicator for individual input channels
- Suitable for switching, dimming, shutter, fan and scene control
- Programming button with LED indicator
- Dimension: 71.3 (L) X 90.5 (H) x 62 (D) mm (4 DIN Units)



## 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

Gunmetal  
Grey

Black

Additional colour options available against MOQ.

## MES-OKS-6D

- 6 High quality multi-function push buttons and display
- 6 Pages 32 programmable functions available
- Proximity sensor
- 2.4" Colour display
- Customized inbuilt icons
- LED indicators to display Status
- Inbuilt thermostat functionality
- Available in white, gunmetal grey, and black
- 80 X 80 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 and proximity controls programmable over ETS.



## OUR-CPU-10

- Easy integration with Ourican View
- Easy cloud connectivity through MQTT
- Direct connection to the KNX installation
- Inbuilt Modbus RTU Master
- No Static IP required
- Inbuilt DALI master for DALI installation (DALI 2.0)
- Configuration software for customized Mobile App
- Utility for KNX, Modbus RTU and DALI configuration
- Inbuilt logic functions

The OUR-CPU-10 is a central processor from Ourican. Can connect over, Modbus, & KNX to offer synchronized control over app on phone and tablet. Also offers Alexa and Google home control.

\*Product Launches in 2023



The upcoming 'OURICAN VIEW' app will be available on phone and tablet. An extensive icon library allows the user to create their user interface as per site requirements. The 'VIEW' functionality will extend to Amazon Alexa and Google home control over IP.

Compatible with KNX & MODBUS (OUR-CPU-10 processor)

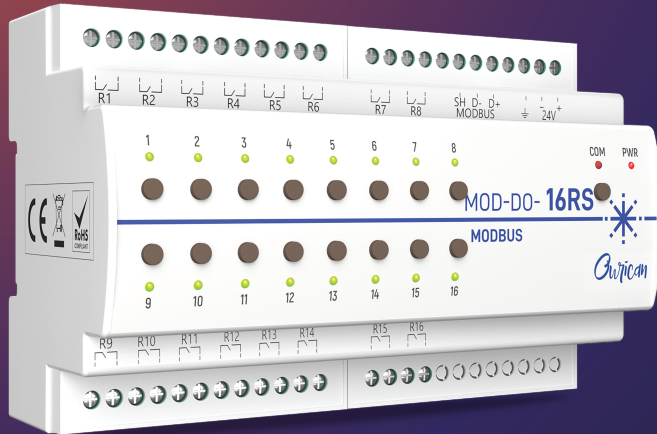


\*Compatibility with Amazon Alexa & Google Home soon

## Actuators

### MOD-DO-16RS

#### 16 Channel Multi-function Actuator



A multifunction 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.

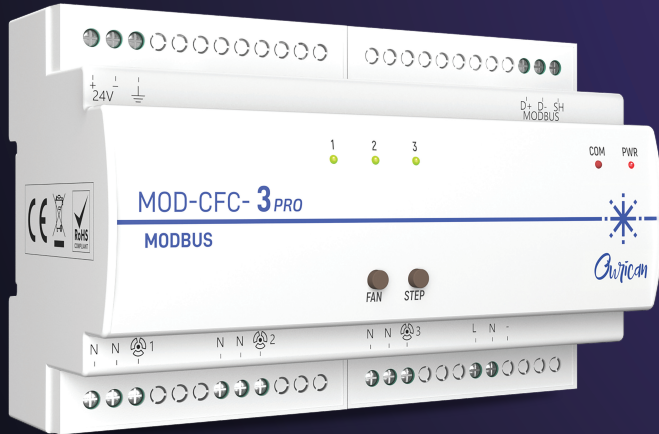
#### Features:

- 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.

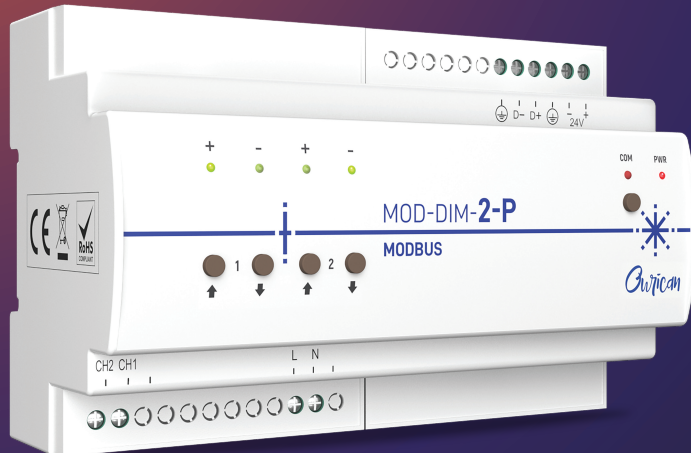
#### Features:

- 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 upto 250W dimming control per channel. Recommended for incandescent and LED lights.

### Features:

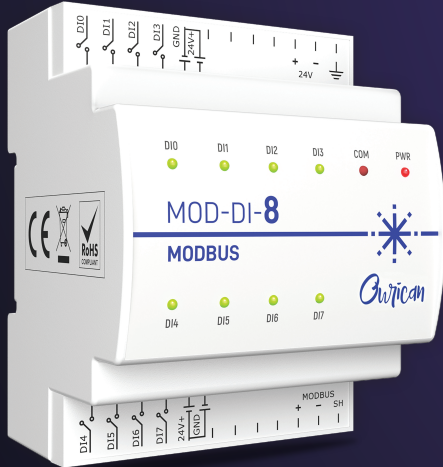
- 2 Channel phase-cut dimmer for incandescent and LED lamps
- Manual output operation with push button and LED status indicator
- LED indication for communication and power status
- DIP switch for MODBUS configuration
- High speed modbus RTU (slave) communication
- Maximum allowed power: 250W per channel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



## Input Device

### MOD-DI-8

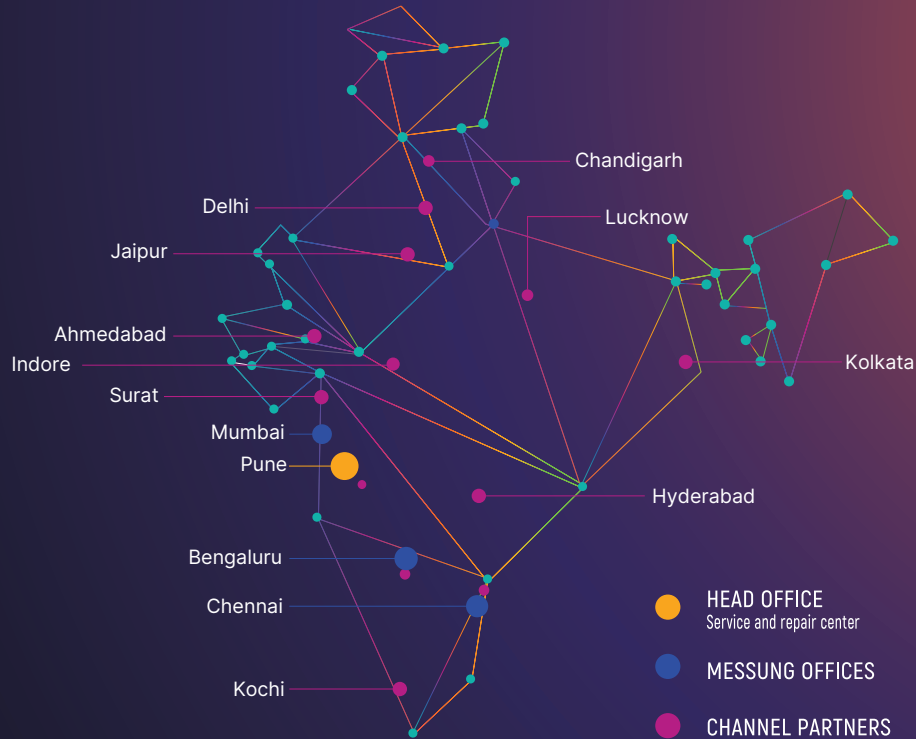
#### 8 Channel Digital Input Modbus RTU



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)



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