

Since 1981
Four Decades of MESSUNG



Excellence & Innovation, Since 1981

MESSUNG

Qurican
An initiative by Messung


navomesh
A Make in India Initiative


KNX





**CRAFTING
WORLD-CLASS
SOLUTIONS**

nave mesh
A Messung Ourican Solution

**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:

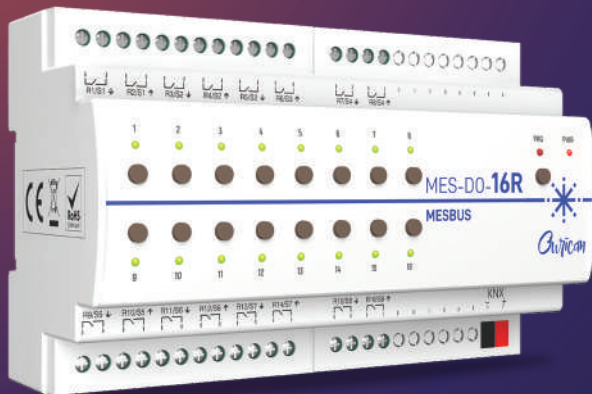
- 4 Channel ceiling fan controller
- Control up to 5 speed for each channel
- Manual output operation with push button and LED indication
- 10 Scene functionality
- Programming button with LED indication
- Maximum load per channel (recommended): 90 W
- Mains input voltage: 230VAC (50 Hz) +10% -20%
- 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/8 shutter channels
- Manual output operation with push-button and LED status indicator
- 10 Scene functionality
- By using 4 relays and adding EX-CFC-1 module, we can add one channel ceiling fan control
- 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 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, 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.

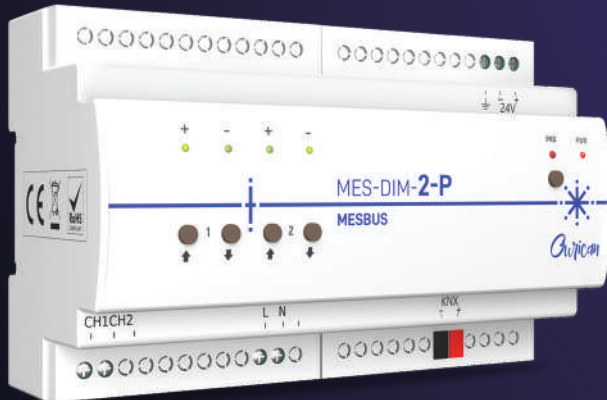
Features:

- 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)

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
- 10 Scene functionality
- IR code learning facility
- 440 IR codes
- Total data saving on BUS Failure
- Dimension: 50.5 (L) X 55.5 (H) X 34.1 (D) mm
- Maximum distance of IR Cable per channel - 10mtrs

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

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.

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



White



Black



Grey

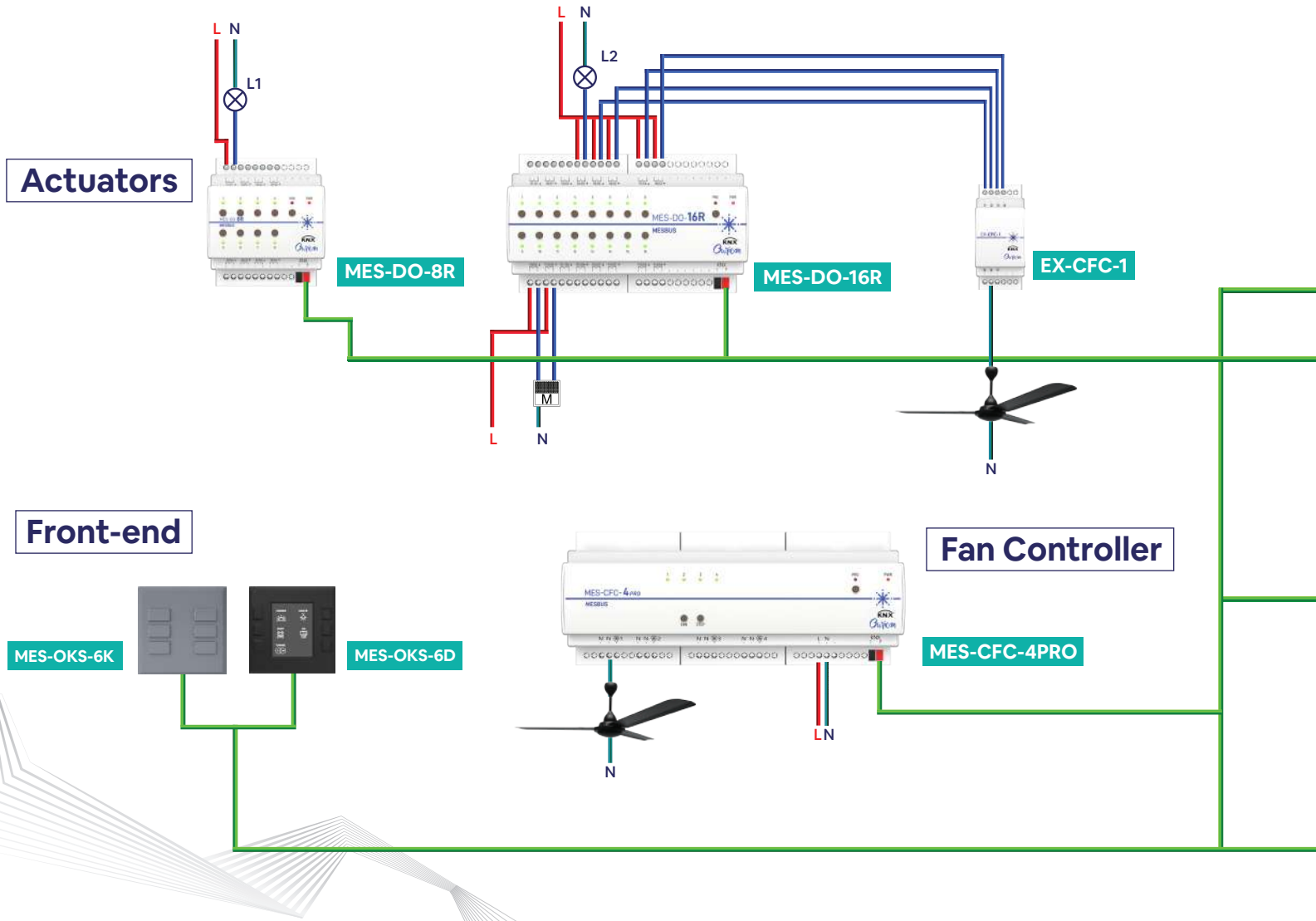


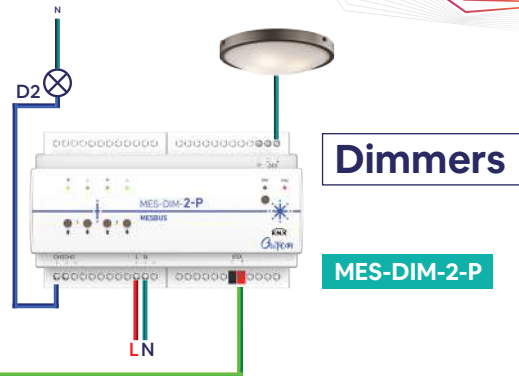
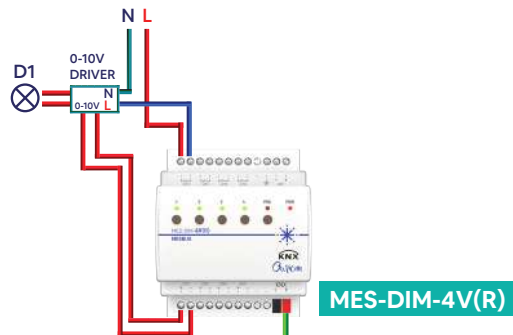
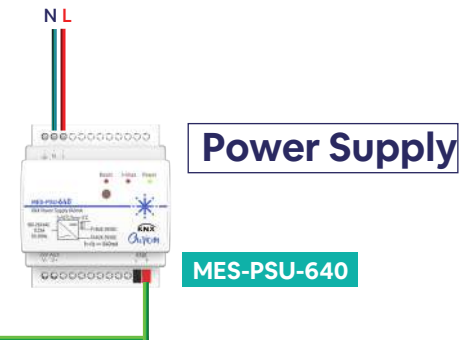
MES-OKS-6D

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

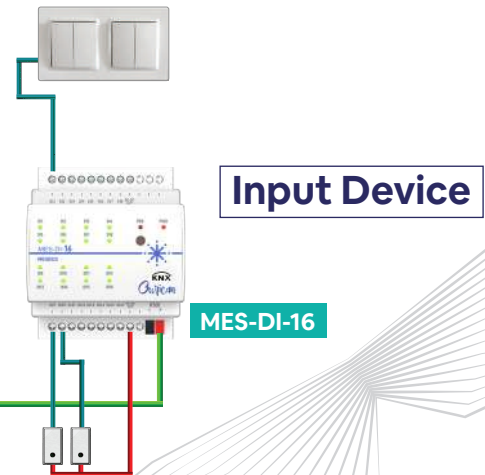
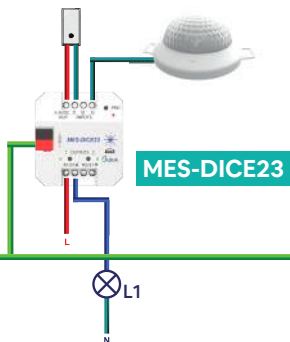
A versatile KNX front-end from Ourican. 6 push buttons, allow 32 functions over a multi page display (2.4" colour). An extensive icon library for programming. In-built RTC.

KNX Ecosystem





KNX BUS

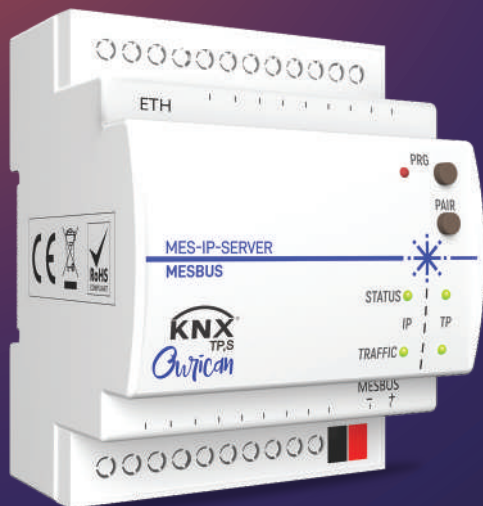


Upcoming KNX products in 2024

System Device

MES-IP-SERVER

IP Server for Smartphone App



The MES-IP-SERVER is designed from the ground up to create a seamless APP interface. Offering complete control of the KNX ecosystem over phone or tablet.

Features:

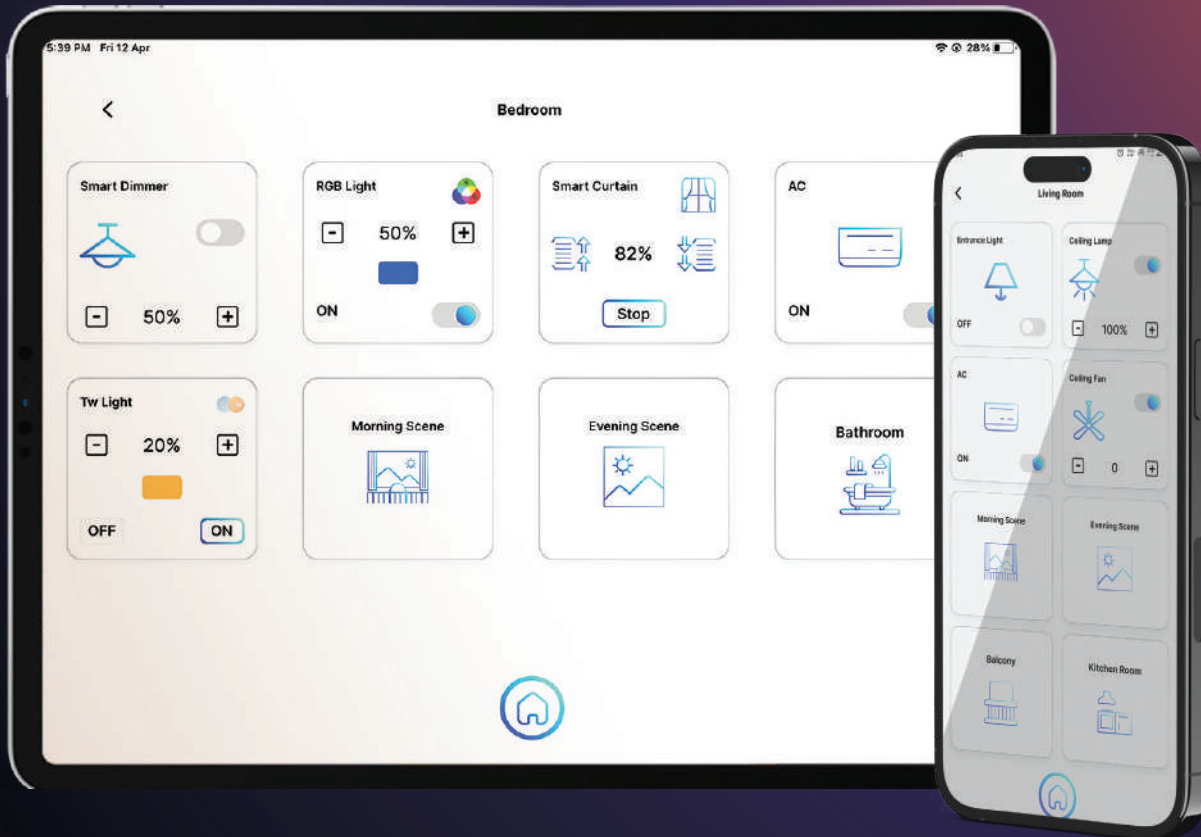
- Interface for Ourican View (Messung Mobile App)
- Supports 120 controls in 15 pages
- Configuration of controls through ETS
- In-built icons
- IP configuration through ETS or get IP address through DHCP server
- Cloud connectivity
- Dimension: 71.3 (L) X 90.5 (H) X 62 (D) mm [4 DIN unit]
- 2 status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

Coming Soon in 2024

KNX Solution



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.



Coming Soon in 2024

KNX Solution



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
- 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]

Coming Soon in 2024

KNX Solution



Lighting Control

MES-DIM-RGBW

RGB/RGBW Controller



The MES-DIM-RGBW is ideal for providing optimal mood lighting solutions for homes, office spaces, commercial displays, or hotels. It offers complete control of RGB strips and lights, along with a 256-color palette for users to choose from. High-quality strips can also be dimmed to enhance the mood.

Features:

- 4 channels with constant voltage regulation
- Load current for each channel 5A
- Connection to 4 individual LED strips or combined RGBW strips or RGB+W
- Additional relay output (16A) to control LED power supply
- Intensity control for each channel
- Configurable scenes and sequences
- Manual push buttons to test the channels
- Total data saving on KNX bus failure
- Requires external power supply 12-36VDC along with KNX bus
- DIN rail mount
- Dimension: 71.3 (L) X 90.5 (H) X 62 (D) mm [4 DIN Units]

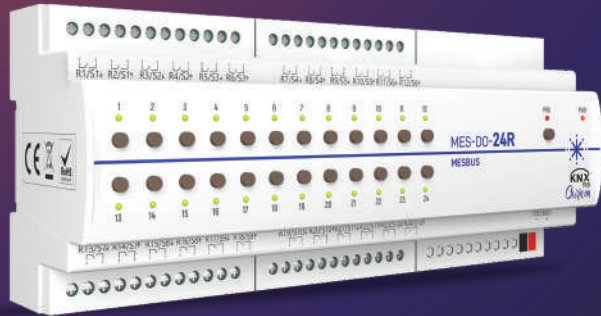
Coming Soon in 2024

KNX Solution

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
- By using 4 relays and adding the EX-CFC-1 module, we can add one channel ceiling fan control
- 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]

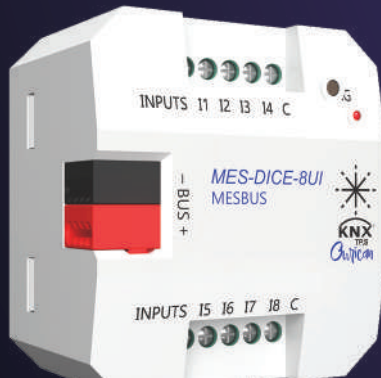
Coming Soon in 2024

KNX Solution

System Device

MES-DICE-8UI

8 CH Universal Input Device



8 universal inputs in a convenient form factor for easy installation in back boxes or the false ceiling. The inputs can be used to bring KNX operability over conventional switches, motion sensors, door/window contact, temperature sensors.

Features:

- 8 individual inputs
- Suitable for switching, dimming, shutter, fan and scenes
- Integration with motion sensor, NTC (temperature sensor), door/window contacts, convention switches, bell push switches
- Can be placed inside wall back boxes and false ceiling
- Total data saving on KNX bus failure
- Programming button with LED indicator
- Dimension: 50.5 (L) X 55.5 (H) X 34.1 (D) mm

Coming Soon in 2024

KNX Solution

System Device

MES-LNCPL

Line Coupler



Features:

- Ability to connect two KNX lines with each other
- Electrical isolation is provided between two lines
- A separate KNX Power supply is required for each line
- Filter functions provided to reduce BUS load
- DIN rail mount
- Dimension: 45 (L) x 90.5 (H) x 62 (D) mm [2 DIN units]

System Device

MES-USB-INT

USB Interface



Features:

- Enables programming of KNX devices via ETS
- 2 indication LEDs for KNX and USB
- Automatic detection of MES-USB-INT in ETS
- Supports KNX bus monitoring through ETS diagnostics
- DIN rail mount
- Dimension: 45 (L) x 90.5 (H) x 62 (D) mm [2 DIN units]

Coming Soon in 2024

KNX Solution

Compact and Flexible Technology for
a Better Tomorrow

Swift & Efficient

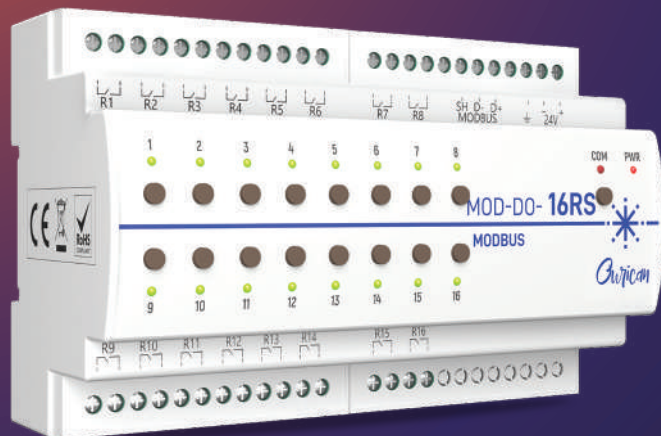
It's all about MODBUS 

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.

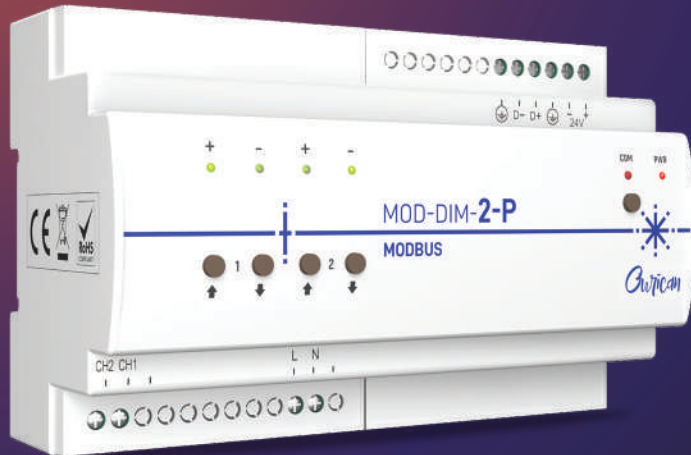
Features:

- 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

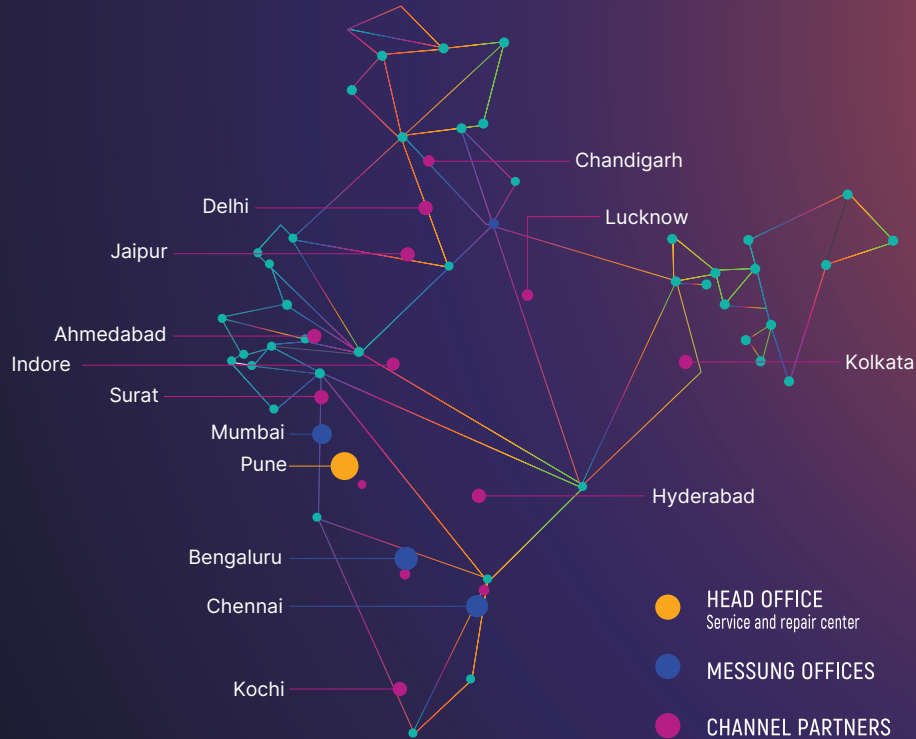
8 Channel Digital Input Modbus RTU



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]



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