

Since 1981
Four Decades of MESSUNG



Excellence & Innovation, Since 1981

MESSUNG

Qurican

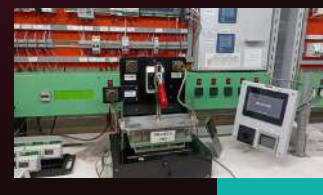
An initiative by Messung


navomesh
A Make in India Initiative


KNX



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, backed by over 5 years of experience and rigorously quality-tested in accordance with global standards.

Over the past 5 years, Messung has made significant investments in a dedicated R&D department and a state-of-the-art in-house production facility in Pune, India, enabling the complete manufacturing of the Ourican product range. Out of the entire KNX product range, Messung Ourican has **12 KNX certified** products. In addition, the MES-DALI-64 product has also received **DALI certification**. Further reinforcing Messung's vision of delivering international quality solutions to the market.



TABLE OF CONTENTS

Front End Devices

OKS-ELITE-PRO	5-6
OKS-ELITE-6	7-8
MES-OKS-ELEGANCE PRO	9-10
MES-OKS-ELEGANCE	11-12
MES-OKS-6D	13-14
MES-OKS-6K	15-16

System Device

MES-IP-SERVER	17
Ourican View App	18

Actuators

MES-DO-24R	19
MES-DO-16R	20
MES-DO-8R	21
EX-CFC-1	21
MES-DICE23	22

Lighting Controls

MES-DALI-64	23-24
MES-DIM-4V(R)	25
MES-DIM-2-P	26

IR Controller

MES-DICE-IR4	27
--------------	----

IR Learner

MES-DICEJR-IRL	28
----------------	----

Fan Controller

MES-CFC-4PRO	29
--------------	----

Input Device

MES-DI-16	30
-----------	----

Gateway

MES-DICE-6DIO-I2C	31
-------------------	----

Power Supply

MES-PSU-640	32
-------------	----

Upcoming Developments

Ourican Touch Pro 7	33-34
Ourican Touch 4	35-36
KNX Ecosystem	37-38



Black



Silver



Gold



Rose Gold

OKS-ELITE-PRO

Available Now

Front End Devices

OKS-ELITE-PRO

Aluminium Room Controller, 32 Functions

(Available in Black, Silver, Gold and Rose Gold)

- Premium aluminium range of keypads with a sleek and durable finish
- 6 high-quality multi-function push buttons with LED status indicators
- Up to 36 programmable functions across 6 customizable pages, configurable as 6 general pages or combinations like 3 general + 2 AC + 1 RGB, or 3 general + 1 AC + 1 RGB + 1 tunable white
- 2.4" colour display for intuitive and user-friendly control
- Customized in-built icons for easy navigation
- In-built thermostat functionality for enhanced comfort control
- Dedicated home button for quick return to the main function page

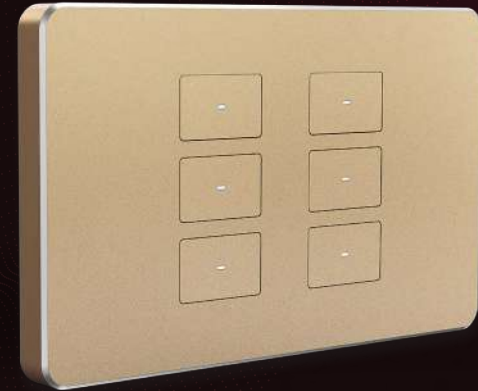
Introducing the ELITE series from Ourican. Our newest range of high-quality, durable aluminium keypads in a trademarked design. Crafted with sophistication and luxury in mind, the Elite series enhances any home, office, or high-end hotel environment, delivering a premium look along with robust and reliable KNX automation for ultimate comfort and convenience.



Black



Silver



Gold



Rose Gold

OKS-ELITE-6

Front End Devices

OKS-ELITE-6

Aluminium 6 Push Button Keypad

(Available in Black, Silver, Gold and Rose Gold)

- 6 Push Button Keypad
- Status indication via colour LEDs
- Single and pair button functionality
- Data saving on KNX Bus failure
- No external supply required
- Compact and durable design
- Ideal for lighting, shading and scene control

The OKS-Elite-6 is a sleek and sophisticated keypad designed to complement modern interiors. With its aluminium finish available in a variety of stunning colour options like, gold silver, black and Rose Gold, it adds a touch of luxury to any space.



Black



Grey



White



Blue



Purple



Green

MES-OKS-ELEGANCE PRO

Front End Devices

MES-OKS-ELEGANCE PRO

An elegant KNX front-end with 6 push buttons and a dedicated home button for quick access, offering up to 36 programmable functions across customizable pages on a 2.4" color display, with built-in thermostat, RTC, temperature sensor, intuitive icon-based control, multiple color options, and reliable performance for seamless smart automation.

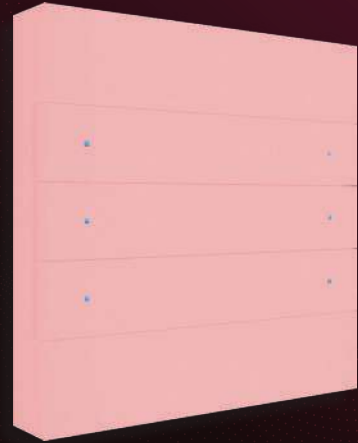
Features:

- **6 premium multi-function push buttons** paired with a sleek **2.4" color display** for an enhanced and intuitive user experience
- **Up to 36 programmable functions** across **6 customizable pages**, with flexible configurations such as 6 general pages or combinations like 3 general + 2 AC + 1 RGB, or 3 general + 1 AC + 1 RGB + 1 tunable white
- **Elegant Elegance Pro design**, available in multiple color options including white, black, grey, denim blue, purple, and olive green
- **Intuitive interface** supported by a wide range of **custom in-built icons** for effortless navigation
- **Integrated smart capabilities** including **in-built thermostat, real-time clock (RTC), and temperature sensor**
- **Dedicated home button** for quick access to the main screen and system settings such as date, time, brightness, and device information
- **Reliable operation** with **data retention during KNX BUS failure**
- **Compact and modern form factor** with dimensions of 82 x 82 mm
- **Advanced KNX front-end solution** engineered for seamless automation and a premium user experience

Front End Devices

MES-OKS-ELEGANCE

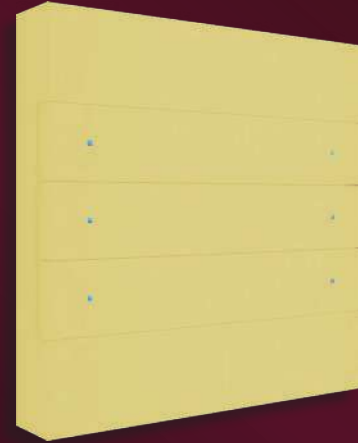
3 Gang Piano Switches



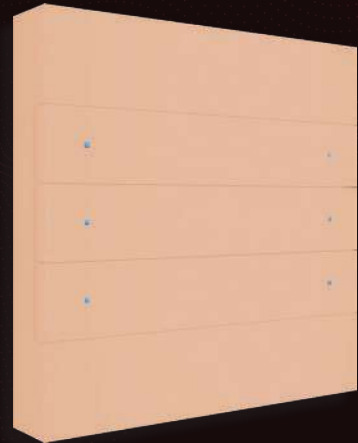
Baby Pink



Pastel Blue



Pastel Yellow



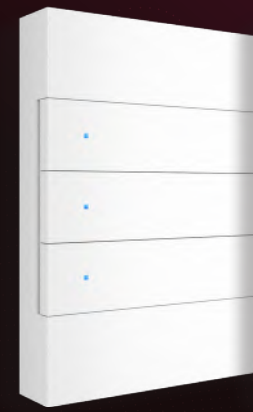
Pastel Peach



Pastel Mint



Pastel Lavender



White



Black



Grey



Denim Blue



Purple



Olive Green

- 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, Grey, Denim Blue, Purple, Olive Green with Many other Color options available
- Dimension: 82x82 mm



White



Black



Grey



Front End Devices

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
- Dimension: 82x82 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.





White



Black



Grey

Front End Devices

MES-OKS-6K

- Single and pair button functionality
- Data saving on KNX Bus failure
- No external supply required
- In-built thermostat functionality
- Dimension: 82x82 mm

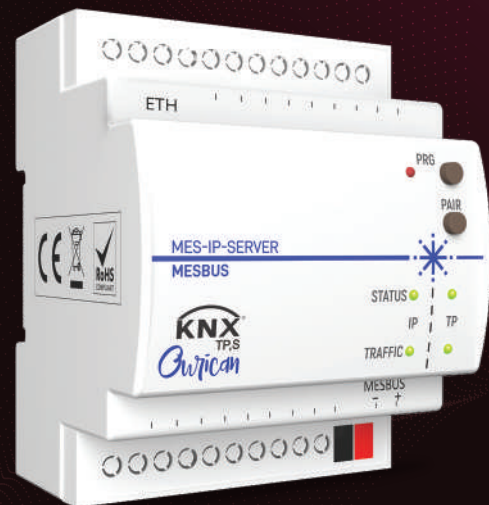
Messung Ourican's MES-OKS-6K, offers 6 high-quality, multi-functional push buttons. Available in the same 82X82 mm size as the MES-OKS-6D, the two front ends complement each other in offering a wide range of control solutions for home, office and hotel automation installations.

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.

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.

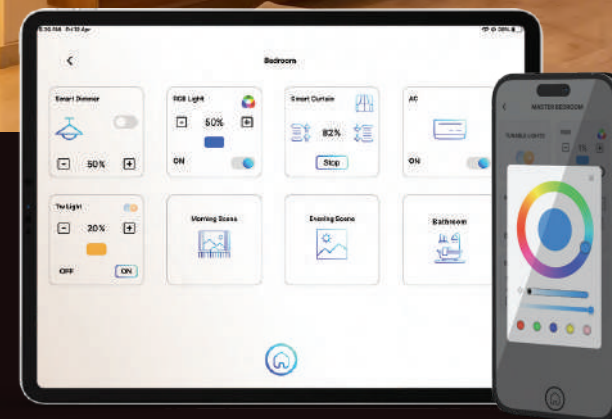
Features:

- Interface for Ourican View (Messung Mobile App)
- Supports 120 controls in 15 pages
- Configuration of controls through ETS
- In-built icons library
- IP configuration through ETS or get IP address through DHCP server
- Cloud connectivity
- 2 status LEDs
- Ethernet 10BaseT (10Mbps) with RJ45 socket
- Dimension: 71.3 (L) X 90.5 (H) X 62 (D) mm (4 DIN unit)
- **Complete Scheduling available on Ourican view app (Time and Day) of different Functions like, Scenes, Individual controls, etc.**

Ourican
view

Intelligent Home Management

- Lighting Control
- Curtain Control
- Fan Control
- TV/AV Control
- Climate Control
- Scheduling Feature



The Ourican View App, powered by the MES-IP-SERVER, seamlessly integrates the KNX ecosystem across homes, commercial spaces and hospitality environments, delivering complete control via smartphone or tablet. Easy to install and highly customizable, it supports up to 120 functions and scenes with intuitive icon-based control.



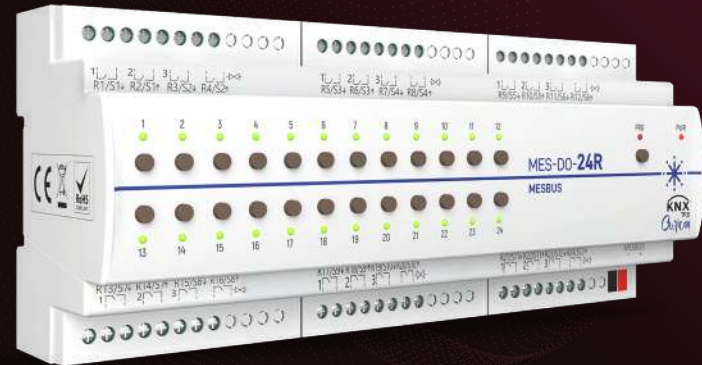
Now integrated with Amazon Alexa, it enables up to 300 programmable voice commands, allowing effortless control of lights, fans, shutters, and more. Smarter living simplified, just speak and control.



Actuator

MES-DO-24R

24 Relay Output Multifunction 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 Relay output /motor), boilers, Ceiling Fan Control, Fan coil actuator for Centralised AC and multi-Split system control.

Features:

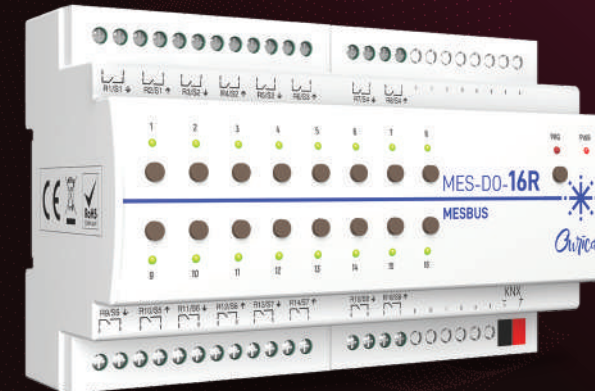
- 24 Individual outputs/12 shutter channels
- **Supports two-pipe fan coil control for cooling (on/off valve and fan speed control for FCU)**
- Manual output operation with push-button and LED status indicator
- 10 Scene functionality
- In-built thermostat functionality
- Enables one-channel ceiling fan control using 4 relays and the EX-CFC-1 module
- Logic functions, last scene recall and data recovery
- Lock / unlock functionality for secure operation
- Possibility of connecting different phases in different outputs
- Programming button and LED indication
- Timer and pulse functionality
- Output relay rating: 16A / 250V AC
- Rated output current: 16A @ 277V AC (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)



Actuator

MES-DO-16R

16 Relay Output Multifunction 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 Relay output /curtain motor), boilers, Ceiling Fan Control, Fan coil actuator for Centralised AC and multi-Split system control.

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
- Last scene recall and data recovery
- 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 / 250V AC
- Rated output current: 16A @ 277V AC (4,432 VA)
- Maximum inrush current: 100 A (resistive load)
- Outputs per common: 1 output (switching) 2 outputs (shutter), 4 Outputs (Fan)
- Dimensions: 142.3 (L) x 90.5 (H) x 62 (D) mm (8 DIN units)



Actuator

MES-DO-8R

8 Relay Output Multifunction Actuator



A multi-function actuator with 8 relays can be used for a wide array of control functions from basic on/off of lights/ load control, Ceiling fans, Motorized curtains (1 channels per motor), to name a few applications.

Features:

- **8 outputs (4 shutter channels)** with manual push-button control and LED status indicators
- **Smart automation features** including 10 scenes, logical functions, timer/pulse and last-scene memory with data recovery
- **Flexible output configuration** supports switching (1), shutter (2) and fan control (4 outputs with EX-CFC-1 module)
- **High power capacity:** 16A / 250–277V AC rating with up to 100A inrush current handling
- **Advanced control and safety:** lock/unlock function, multi-phase support and programming button with LED indication

Expansion Module for Actuator

EX-CFC-1

Expansion 1 Channel Ceiling Fan Controller



A unique product in the Ourican basket. Utilising 4 relay output 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.

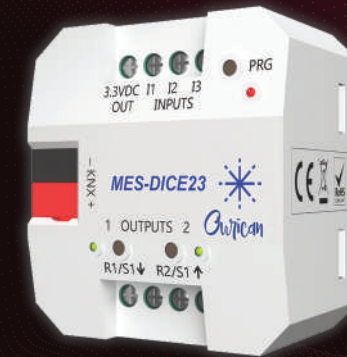
Features:

- **1-channel ceiling fan controller (EX-CFC-1)** that uses 4 relay outputs from actuators to operate a single fan
- **Flexible fan control** with up to 5 speed levels and support for fans up to 90W
- **Smart features** including 10 scene functionalities (configurable from 1–64), LED status indication and manual control via actuator buttons
- **Compatible only with specific actuators:** MES-DO-24R, MES-DO-16R, and MES-DO-8R

Actuator

MES-DICE23

2 Multi-function Relay outputs
3 universal inputs



Two 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
- Last scene recall and data recovery
- Lock / unlock functionality for secure operation
- 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
- Output relay rating: 16A / 250VAC
- Rated output current: 16A @ 277V AC (4,432 VA)
- Maximum inrush current: 100A (resistive load)





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 and warm).

Features:

- 1 DALI outputs for max. 1 x 64 ECGs
- Individual control of up to 64 ECGs/16 DALI groups
- **Offers complete RGB(W) mood lighting control.**
- Supports DALI and DALI-2 standard, as well as DALI DT6/DT8 ECG
- Tunable White, color temperature control
- Feedback of the switching, dimming and colour changing conditions in both bus and manual operation.
- 10 Scene functionality
- Automatic alerts for lamp failures, faulty gear, or DALI bus issues
- Quick and hassle-free replacement of individual ECGs with a simple button press – no software needed
- Integrated DALI Power supply
- Short circuit, overload and overvoltage protection.
- LCD display for menu guidance during start-up and parameter settings
- Manual operation lock/unlock via ETS, with status visible on display
- Last Scene recall and Data recovery
- Free Utility software for commissioning the DALI bus system and configuration of the groups.
- Dimension: 71.3 (L) X 90.5 (H) X 62 (D) mm (4 DIN Units)



KNX Solution

Lighting Control

MES-DIM-4V(R)

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:

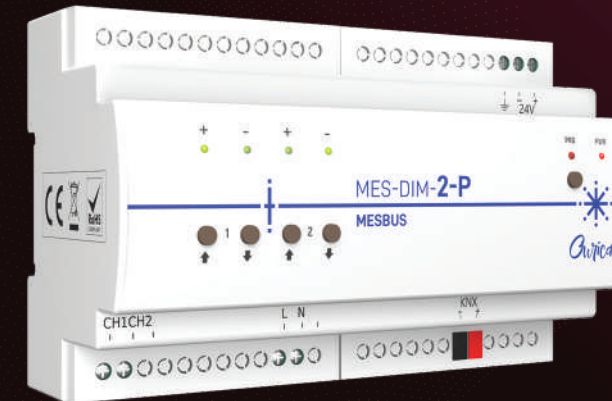
- 4 Channels of 0-10V Output with individual relay switching
- Manual output operation with push button and LED status indicator
- 10 Scene functionality
- Last scene recall and data recovery
- Lock / unlock functionality for secure operation
- Possibility of connecting different phases in different 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 300W dimming per channel. It allows combining/grouping 2 independent channels up to 600W at 230VAC. Primarily recommended for incandescent and LED lights. Dimming parameters programmable over ETS.

Features:

- 2 independent 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: 300W per channel and combine channel up-to 600W phase-cut dimmer.**
- 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
- **Ability to learn 100 universal IR codes and 1202 AC IR Codes**
- **Configure up to 4 ACs on one IR controller (Same Brand and type only)**
- **Learn and Configure up to 2 unknown ACs on one IR controller**
- ETS programming simplified with special software for code learning
- Supports 20 macros with 10 steps each to send multiple IR codes sequentially
- Instant visual confirmation for reliable IR testing
- 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)
- Dimension: 57.4(L) x 19(H) x 44.4(D) mm.
- Effortlessly learn and save IR codes for universal remote or AC units export with utility software

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 / Channel.

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%
- Recommended cable section: 2.5 sq. mm.
- Dimension: 213 (L) X 90.5 (H) X 62 (D) mm (4 DIN unit)

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



Input Device

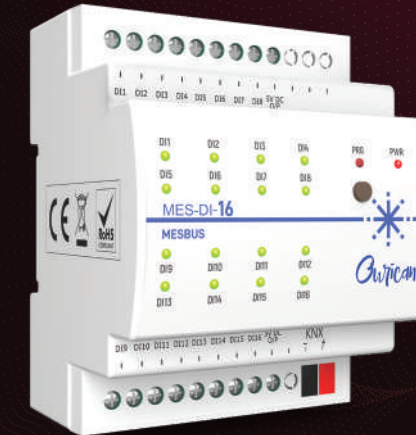
MES-DI-16

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, fixed value and scene control
- Programming button with LED indicator
- Dimension: 71.3 (L) X 90.5 (H) x 62 (D) mm (4 DIN Units)
- Push button function: short press and long press multiple operations per input



Gateway

MES-DICE-6DIO-I2C

KNX to I2C Gateway



- Messung DICE-6DIO-I2C gateway provides the interface to the KNX system
- Supports any keypad with I2C communication - push buttons, capacitive touch keypads, potential-free switches or contacts
- Convert any 3rd party keypad to the KNX ecosystem
- Interface - via I2C bus OR binary inputs
- Mounting - back boxes or false ceiling

Each key can be configured as:

- Switch (On/Off / AC On/Off)
- Dimmer (RGB LED, TW LED, LED lights, etc.)
- Shutter (open, close, and stop)
- Fan speed (cyclic single or two-button)
- Scenes
- Send a fixed value
- Send sequence
- Each key can work individually or 2 keys in a pair

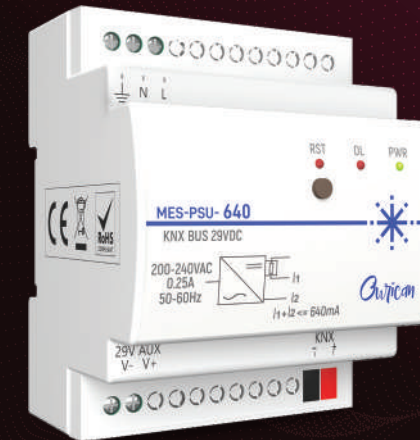
Each LED function can be configured as:

- Scaling (as per status and scene)
- Flashing
- Always ON, always OFF
- Behaviour configurable in ETS (software)

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)

Upcoming Development



Ourican Touch Pro 7

Ourican Touch Pro 7

7" Capacitive Touch Panel with Ourican View

- 7" color capacitive touch panel (1024 x600 pixels)
- TFT-LCD Display
- 120 controls over 15 Pages - Switch, Dim, Shutter, Scene, Ceiling Fan, RGB, Tunable White Dimming, AC
- The Touch Pro 7 Also Offers the Ui Controls on the Ourican View App. Available on Apple and Android.
- Ethernet Connection
- In built temperature Sensor
- Proximity Sensor
- Total Data saving on KNX bus Failure
- Micro-USB connection to update firmware and additional functionalities
- Clock with NTP support
- External 24-29V DC Power Supply required



Upcoming Development



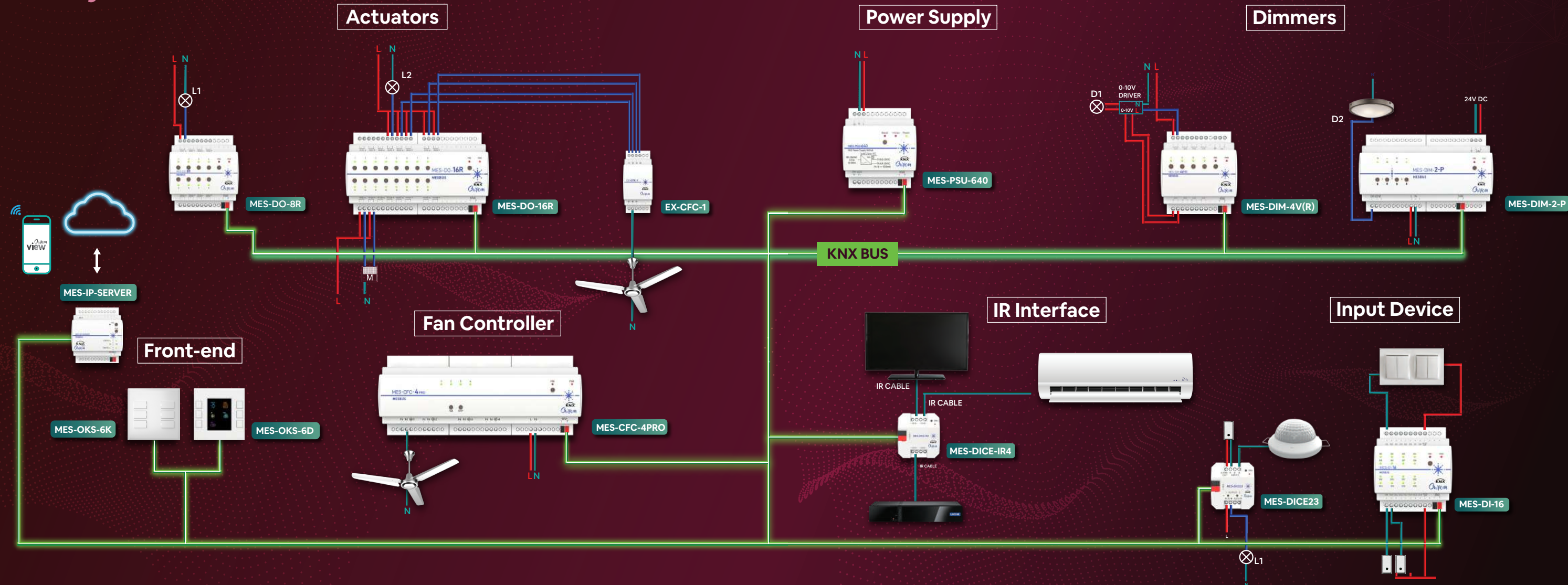
Ourican Touch 4

Ourican Touch 4

4.3" Capacitive Touch Panel

- 4.3" color capacitive touch panel (480 x 272 pixels)
- TFT-LCD Display
- 52 functions up to 7 Pages - Switch, Dim, Shutter, Scene, Ceiling Fan, RGB, Tunable White Dimming, AC
- In built temperature Sensor
- Total Data saving on KNX bus Failure
- Clock with in built RTC
- Proximity Sensor
- 2 Independent Thermostats
- Micro-USB connection to update firmware and additional functionalities

KNX Ecosystem





Expanding Our Global Presence

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



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