

U-MODTM ISOLETTE

Shading Automation Made Simple with U-MOD Isolette

ISOLETTE HOME and **ISOLETTE COMPACT** are pre-fabricated and pre-commissioned modular shading automation systems. The out-of-the-box solution is installation ready and is designed specifically for Isolette Blinds for independent control of digital SMI DC Motors and new LL21 digital SMI DC Motors, all from a COMPACT modular unit.



U-MOD AUTOMATION FOR ISOLETTE SYSTEMS

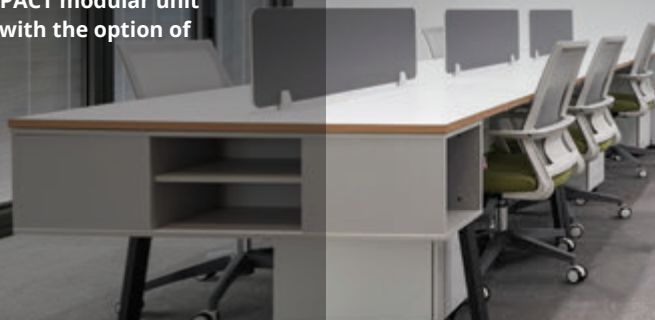
Isolette HOME

With seamless connectivity using Isolette HOME, you can control blinds through voice commands, automate their operation based on time or sunlight, for creating a more comfortable living environment.



Isolette COMPACT

Isolette COMPACT is an advanced, all-in-one automation module designed for small to medium sized commercial projects using Isolette blinds. One COMPACT modular unit can control up to 80 digital SMI motors with the option of 3rd party BMS connection.



U-MOD™
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Isolette HOME 



U-MOD HOME SHADING AUTOMATION

ISOLETTE HOME is an advanced, all-in-one shading automation module specially designed for seamless control of your Isolette blinds. The pre-fabricated and pre-commissioned unit is out-of-the-box and ready for installation for connection into your preferred smart home system for programmed automation and voice control. Compatible with digital SMI DC Motors and the new LL21 digital SMI DC Motors ensures smooth operation and scalable control, making home automation simpler than ever.



Scalable system - booster and extender modules allow for greater scalability



Digital motor (SMI) automation



KNX and VRS connections



Automate blinds by smart phone, tablet and voice command



Easily integrates with home automation devices



Programmable automation functions



U-MOD ISOLETTE HOME



Automation Made Simple with U-MOD Isolette HOME

The U-MOD Isolette HOME is an advanced, all-in-one automation module designed for seamless control of your Isolette blinds. Using digital SMI motors and intuitive plug-and-play functionality, the modular unit effortlessly integrates your blinds into your preferred smart home system.

Whether you are using Alexa, Apple Home, Google Nest, or connecting to MATTER, Loxone, or SmartThings, integration is simple. With additional connectivity to VRS and KNX, U-MOD CORE HOME ensures smooth and scalable operation, making home automation simpler than ever.

Key Features

- ▶ Operate Isolette blinds by home automation devices and voice command.
- ▶ KNX integration allows for connection to weather stations, switches and touch panel devices.
- ▶ Seamless integration with an existing KNX installation or as a standalone KNX system.
- ▶ Booster and extender modules allow for greater scalability of each HOME module.
- ▶ VRS remote and switch connection for additional control options.

Isolette HOME Series



FCU - ISOLETTE - HOME

S	Item No. 10001041
Motors 16/4	
M	Item No. 10001042
Motors 16/8	
L	Item No. 10001043
Motors 16/16	

FCU - ISOLETTE - HOME (EXISTING KNX)

S	Item No. 10001044
Motors 16/4	
M	Item No. 10001045
Motors 16/8	
L	Item No. 10001046
Motors 16/16	

Accessories

FCU - SMI - DC - BOOSTER	Item No. 10001031 (0/4) 10001032 (0/8)	
For adding additional DC motors directly to the FCU Isolette HOME in x4 and x8 motor groupings.		
FCU - SMI - DC - EXTENSION	Item No. 10001033 (16/4) 10001034 (16/8) 10001035 (16/16)	
For extending and powering additional motors from the FCU Isolette HOME in x4, x8 and x16 groupings.		
KNX Switch	KNX Touch Pad	KNX Weather Station
VRS Switch	VRS Transmitter	

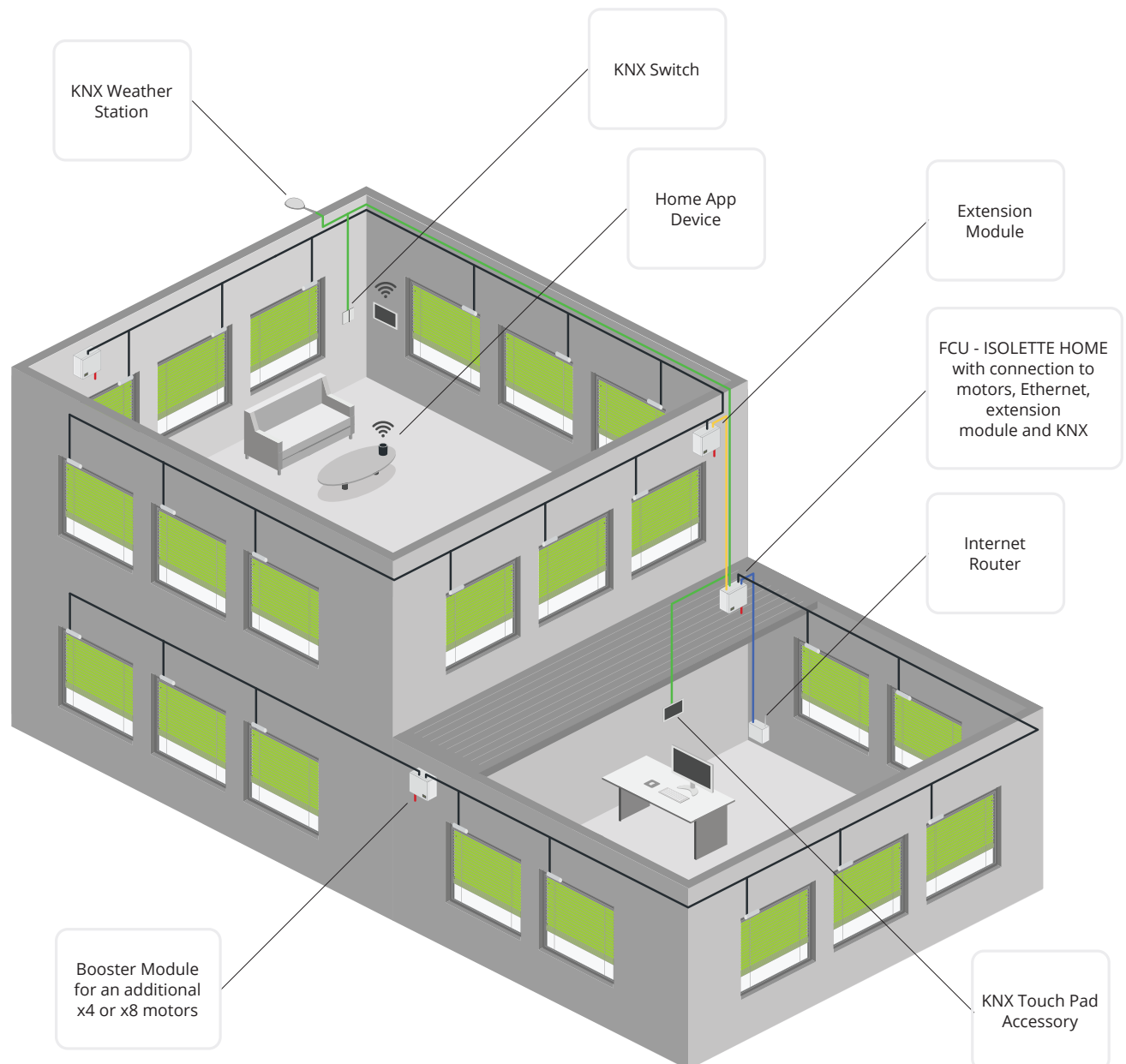
Connection



U-MOD ISOLETTE HOME



Connection Concept



SMI Bus	—
Modbus	—
KNX	—
Ethernet IP	—
Power	—

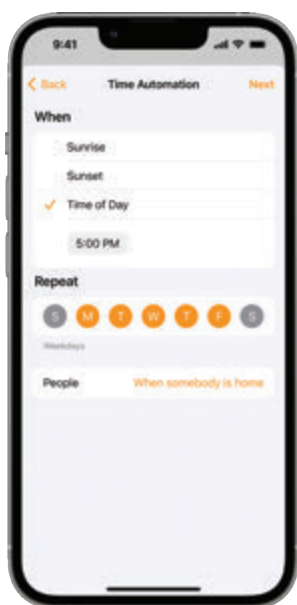
HOME - APPLICATION INTERFACE



Easy to operate user applications

Setting up Isolette Blinds with smart home systems like Alexa, Google Nest, and Apple Home is easy to configure.

Once blinds are connected to the HOME module use the corresponding app to add your blinds to the smart home network. Follow the app's prompts to name your blinds, assign them to rooms, and create automation routines. Once set up, you can easily control your blinds with voice commands or through the app using a smart phone or tablet device.



matter

LOXONE



SmartThings

U-MOD™
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ISOLETTE

COMPACT



U-MOD COMPACT SHADING AUTOMATION

ISOLETTE COMPACT is a pre-fabricated and pre-commissioned modular automation system designed for small to medium sized commercial projects. The out-of-the-box solution is installation ready and is designed specifically for Isolette Blinds for independent control of digital SMI DC Motors and new LL21 digital SMI DC Motors, all from a COMPACT modular unit. V-DASH software connects to blinds and virtual sensors for sun tracking, external shadow, and indirect glare modules, enabling the adjustment of parameters and simulation.



Pre-fabricated and pre-commissioned modular units



Digital motor (SMI) automation



KNX, VRS and BMS connections



V-DASH user friendly integrated software interface



Easily integrates with third-party BMS systems



Features built-in sun-tracking

U-MOD ISOLETTE COMPACT



Commercial sized automation, efficient and scalable.

Isolette COMPACT is an advanced, all-in-one automation module designed for small to medium sized commercial projects using Isolette blinds. One COMPACT modular unit can control up to 80 digital SMI motors with the option of 3rd party BMS connection.

KNX connectivity enables integration with additional devices, including switches, touch pads, and weather stations. Sun-tracking automation comes standard with Isolette COMPACT, and V-DASH provides easy programming, scheduling, and maintenance.

Key Features

- ▶ Pre-fabricated and pre-commissioned out-of-the-box and installation ready.
- ▶ Connection to 3rd party BMS systems.
- ▶ KNX integration allows for connection to weather stations, switches and touch panel devices.
- ▶ Booster and extender modules allow for greater scalability.
- ▶ BASE Sun-Tracking automation* using virtual sensors.
- ▶ Programming and maintenance for building managers using V-DASH BASE.

* BASE Sun-Tracking = 1 floor with 5 zones. Additional access options available.

Isolette COMPACT Series



FCU - ISOLETTE - COMPACT

S Item No. 10001036

Motors 16/16

M Item No. 10001037

Motors 32/16

L Item No. 10001038

Motors 48/16

XL Item No. 10001039

Motors 64/16

XXL Item No. 10001040

Motors 80/16

Accessories

FCU - SMI - DC - BOOSTER Item No. 10001031 (0/4) | 10001032 (0/8)

For adding additional DC motors directly to the FCU Isolette COMPACT in x4 and x8 motor groupings.

FCU - SMI - DC - EXTENSION Item No. 10001033 (16/4) | 10001034 (16/8) | 10001035 (16/16)

For extending and powering additional motors from the FCU Isolette COMPACT in x4, x8 and x16 groupings.

KNX Switch

KNX Touch Pad

KNX Weather Station

VRS Switch

VRS Transmitter

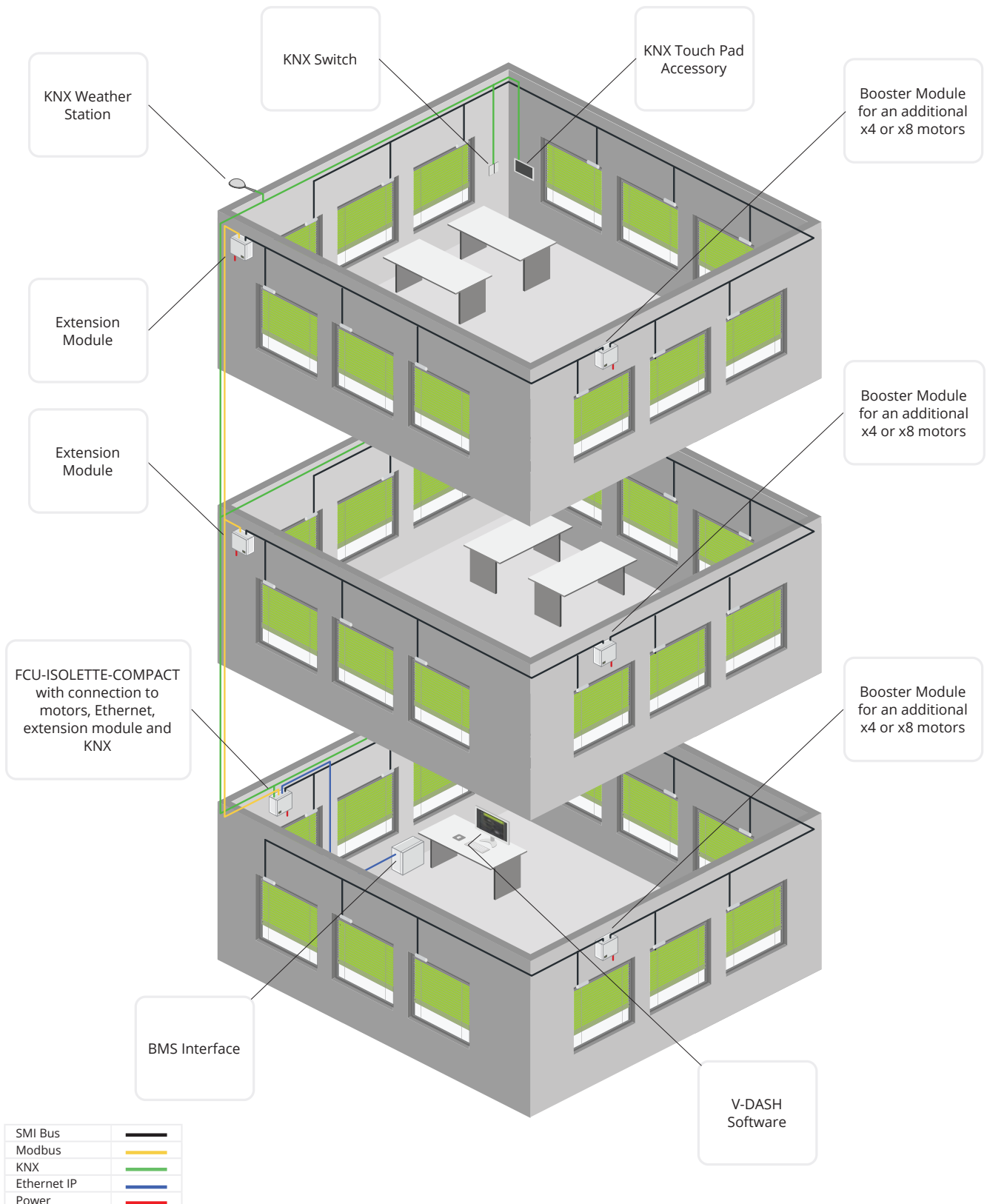
Connection



U-MOD ISOLETTE COMPACT



Connection Concept



COMPACT - SOFTWARE & INTERFACE



Easy to operate user applications

V-DASH software connects to blinds and virtual sensors for sun tracking, external shadow, and indirect glare modules, enabling the adjustment of parameters and simulation.

Users can configure multiple parameter settings for overhangs, overshadowing and comprehensive date and time operation for optimal glare control and internal comfort.



V-DASH BASE - Interface

- Setback
- Overhang
- Horizontal Offset
- Sensitive Zone Sun-tracking
- Override Control
- Actual Blind Positioning in Real-time

V-DASH Base provides access to control 1 floor and 5 zones, along with sun-tracking capabilities. Additional upgrades are available for expanded access and functionality.

Optional Sun-Tracking - Parameter Modules

Additional sun-tracking modules are available for enhanced precision and advanced control features.

- Schedules
- Indirect glare
- Overshadowing

Compatible Devices

- Desktop and Laptop computers
- Android and Apple tablets
- Android and Apple smart phones

**All-inclusive project
shading solutions
from Vasatec**

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- ✓ Shading Systems
- ✓ Automation | Integration
- ✓ Installation
- ✓ Service and Support

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