ITR411-002 - WALL MOUNT OUTDOOR MICROWAVE SENSOR

Device	ITR411-002
Power Supply	EIB Power Supply
Current Consumption	< 20mA
Micowave Sensing Range in Diameter	10x12x20 (HxWxL)
Type of Protection	IP 56
Temperature Range	Operation (-5°C...45°C) Storage (-20°C...60°C)
Maximum Air Humidity	< 90 RH
Flammability	Non-flammable Product
Color	Light Grey and White
Dimensions	126×78×114mm (HxWxD)
Certification	KNX Certified
Configuration	Configuration with ETS

DESCRIPTION

ITR411-002 KNX Outdoor Doppler Sensor includes 4 independent logic blocks and 1 combined logic block, the logic relation can be "AND" and "OR" , logic input conditions can be the condition of LUX sensor, microwave sensor, humidity sensor, temperature sensor, dry contact, external telegram.

FUNCTIONS

- Built-in LUX sensor, microwave sensor, humidity sensor, dry contact, temperature sensor, external telegram.
- The multi-function motion sensor have 5 logic function blocks and can be set the logical relation AND/OR, Each with 10 output objects. The work mode include single mode and Master & Slave mode.
- The multi-function motion sensor can report movement status, Lux status to KNX system.
- The multi-function motion sensor supports constant brightness output.
- It can controls for Switch control, Absolute dimming control, Shutter control, Alarm control, Percentage control , Sequence control, Scene control, String(14 bytes) control, Threshold control, Logic combination.
- With function of constant brightness: keep the Lux in the constant value, will dim the lights to the corresponding intensity according to the surrounding brightness.
- The logic validity can be set by external telegram, enable end user to enable or disable the preset logics.

INSTALLATION STEPS

- Mounting Location: It should be mounted a proper location at Outdoor.
- Cable Connections: Do not get wrong connection for Black and Red wires.
- Screw down torque is less than 0.4Nm.
- Bus Voltage: The input of voltage must be between 21-30VDC.

IMPORTANT NOTES

- Special Programming: This device is designed for professional KNX installation. It can only be programmed by ETS software.
- Check Connections: Check all connections after installation.
- Make sure the KNX cable type is correct and has no short circuit.
- Do not get AC 240V voltage into Bus wire, it will damage all of devices in system.

LAYOUT AND WIRINGS