ITR500-001 - 6CH 10A BALLAST DIMMING MODULE

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Device	ITR500-001
Power Supply	EIB Power supply
Power Consumption	10 mA
Dimming Output	24mA @ 0-10V DC per channel
Channel Current	10A @ 220-250V AC (50/60Hz)
Type of Protection	IP 20
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	90x144x66 mm (HxWxD)
Certification	KNX Certified
Configuration	Configuration with ETS

DESCRIPTION

ITR500-001 can dimming from 0V to 10V for per channel. The outputs for MAX 10A be switched ON or OFF on every output channel, also can manually switch. Control types include both input and output, so, Absorption and output type ballast can be connected to this module.

FUNCTIONS

- 6 Channel 0-10V dimming and maximum 10A relay output for every channel. also can manually switch.
- The switch functions: Statistical total ON time, Status response, Status recovery, Upper limit, Lower limit, Staircase light, Scene control, Scene dimming, Sequence control, Threshold switch, Heating actuator(PWM).

INSTALLATION STEPS

- Labeling for AC power wires, loads wires and KNX/EIB wire
- Mount the device on a DIN rail of DB
- Connect wires for loads
- Make sure there is no circuit short or open.
- Make sure the KNX cable type is correct and has no circuit short
- Connect KNX cables. Make sure the color is correct
- Tidy the all Wire and separate KNX wire from AC power wire

IMPORTANT NOTES

- Special Programming – This device is designed for professional KNX installation. It can only be programmed by ETS software.
- Check Connections – Re-tighten all connections after installation.
- Output Circuit – The load on the switched circuits must not exceed the specified capacity of 10A, these circuits should be fed via a 10A fuse/circuit breaker

LAYOUT AND WIRINGS

144

90

Manual button

Programming button and LED

Input: DC 24V

KNX/EIB
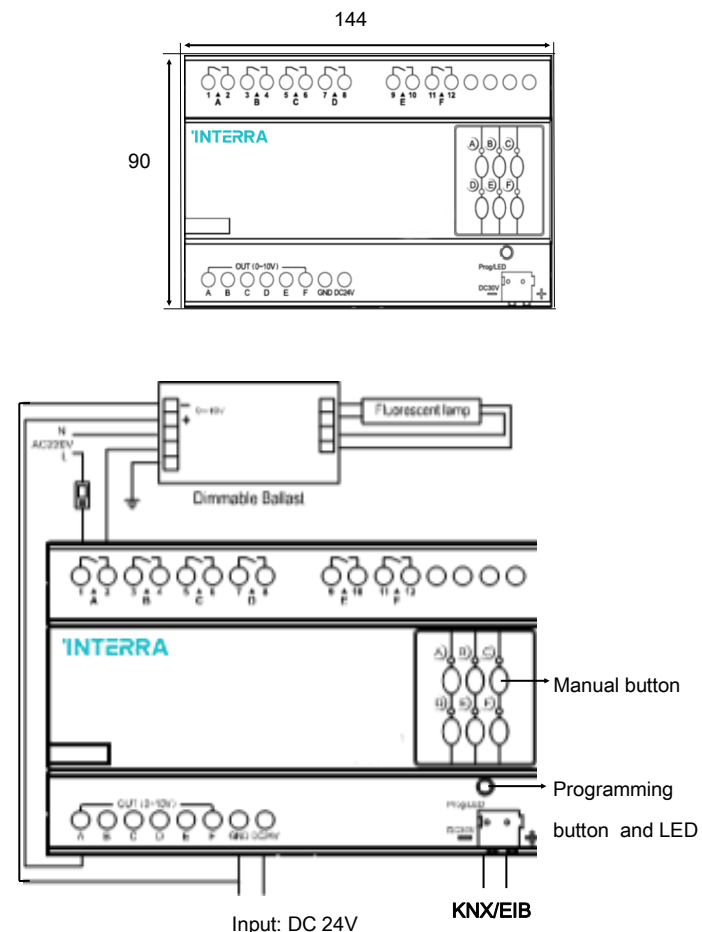
- Screw down strength is less than 0.4Nm.
- Rain, liquid and aggressive gas are not allowed to close to it.
- Do not get AC 240V voltage into Bus wire, it will damage all of devices in system.

CE KNX EIB