6 CH 10 A BALLAST DIMMING MODULE

Product Code	ITR500-0001
Power Supply	EIB Power supply
Current Consumption	10 mA
Dimming Output	24 mA @ 0-10 V DC per channel
Channel Current	10 A @ 220-250 V AC (50/60 Hz)
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	90 x 144 x 66 mm (H x W x D)
Certification	KNX Certified
Configuration	Configuration with ETS

DESCRIPTION

ITR500-0001 can dimming from 0 V to 10 V for per channel. The outputs for MAX 10 A 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 0-10 V dimming and maximum 10 A 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).

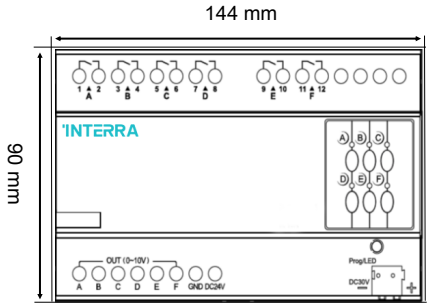
INSTALLATION STEPS

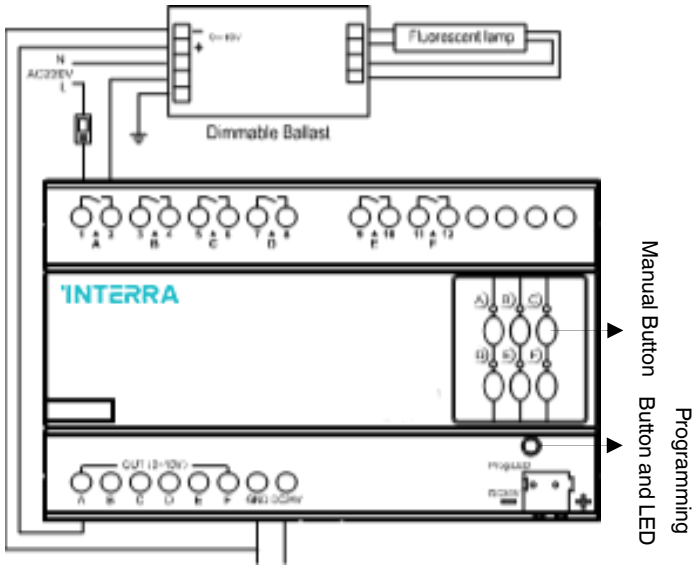
- Labeling for AC power wires, loads wires and KNX/EIB wire.
- Mount the device on a DIN rail of distribution box.
- Connect wires for loads.
- Make sure there is no short circuit or open circuit.
- Make sure the KNX cable type is correct and has no short circuit.
- Connect KNX cables. Make sure the 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 10 A, these circuits should be fed via a 10 A fuse/circuit breaker
- Screw down strength is less than 0.4 Nm.
- Rain, liquid and aggressive gas are not allowed to be close to device.
- Do not get AC 240 V voltage into Bus wire, it will damage all of devices in system.

LAYOUT AND WIRINGS





Input: 24 V DC