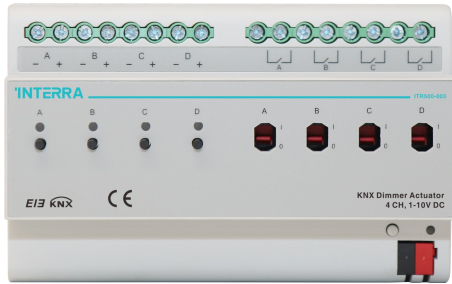


KNX DIMMER ACTUATOR 0/1-10V DC, 4 FOLD, 16 A



Product Code	ITR500-0003
Power Supply	21-30 V DC, EIB Power Supply
Current Consumption	<12 mA
Power Consumption	<360 mW
Output Voltage	1-10 V DC (passive), max.100 mA per output
Output Switch Current	16A / 250 V AC, If fluorescent lamp, allowable Max. current is 10 A/250 V
Buttons & LEDs	1 x Programming Button 1 x Programming LED
Type of Protection	IP 20
Temperature Range	Operation (-5°C...45°C) Storage (-25°C...55°C)
Maximum Air Humidity	< 90 RH
Flammability	Non-flammable Product
Color	Light Grey and White
Dimensions	90 x 144 x 64 mm (H x W x D)
Certification	KNX Certified
Configuration	Configuration with ETS

DESCRIPTION

ITR500-0003 - Interra KNX Dimmer Actuator has 4 channel 0/1~10 V DC control device with standard DC 0/1-10V control interface, can be connected with electronic dimmable ballast/EVG or other devices with 0/1-10 V interface to control the lights, such as dimming, scenes, switching etc. ITR500-0003 control device has embedded switching relays for 23 ECG/18W, 14 ECG/36W, 11 ECG/58W or 23 ECG-T5/24W. Each channel offers control voltage up to 23 electronic control gears. The devices adopt screw terminals to achieve electrical connection; the connection to the EIB/KNX bus is established via a bus connecting terminal. There is no additional voltage input.

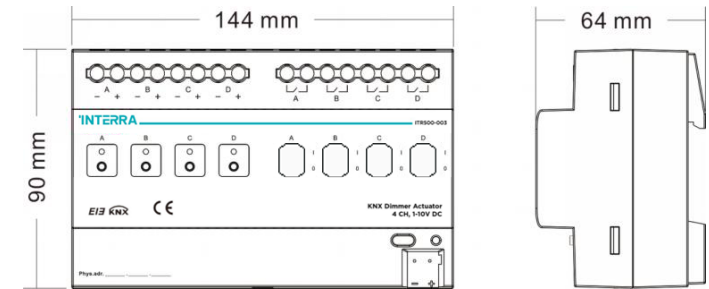
FUNCTIONS

- The lighting control with switching.
- Relative and absolute dimming.
- Status report.
- 15 scenes can be configured.
- Staircase lighting function.
- Bus recovery (or reset) function.
- Preset value and modify preset value functions.
- Switch/relative dimming via manual buttons.
- Short circuit protection and over heat protection.

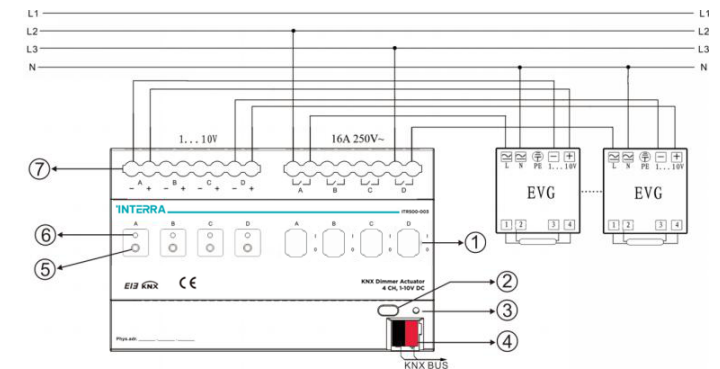
INSTALLATION STEPS

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

DIMENSIONS



LAYOUTS AND WIRINGS



1. Mechanical manual operation
2. KNX programming button
3. Red LED for entering the physical address, green LED for application layer running normally.
4. Bus connection terminal.
5. Electronical manual button.
6. LEDs of indicating output status for each channel, LED on meaning the channel has output, or else no output.
7. Output, load terminals