ITR500-002 - 4CH 1.5A UNIVERSAL DIMMING MODULE

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Device	ITR500-002
Power Supply	EIB Power supply
Power Consumption	10 mA
Dimming Power	1.5A max @ 120-240V 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	90x216x66 mm (HxWxD)
Certification	KNX Certified
Configuration	Configuration with ETS

CE KNX EI3

DESCRIPTION

ITR500-002 has 4 channel 1.5A dimming capability. It has short circuit, over load and heat protection.
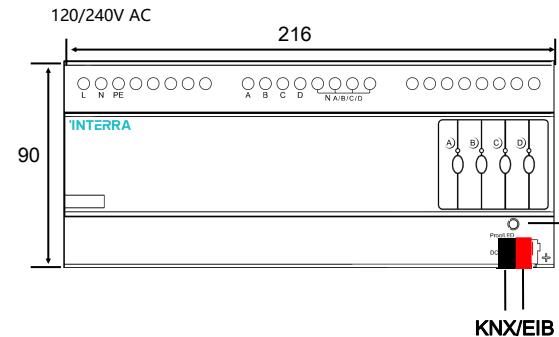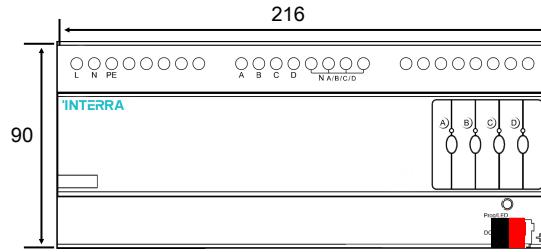
FUNCTIONS

- The Dimmer Module can dimming for 4 channels independent loads.
- Leading Edge dimming or Trailing Edge dimming for dimmer.
- Parallel channels to form a larger current output .
- The dimmers may be used for dimming ordinary incandescent lamps, low voltage halogen lamps and other light sources which support leading or trailing edge technology
- The module functions: Statistics total ON time, Status response, Status recovery, Over temperature protection, Read temperature, Over temperature alarm, Staircase light, Flashing light, Scene control, Scene dimming, Sequence control, Threshold control, Heating actuator (PWM).
- Short circuit protection, over load protection, over Heat protection

IMPORTANT NOTES

- Special Programming – This device is designed for professional KNX installation. It can only be programmed by ETS software.
- Load type–Incandescent light, halogen, Dimmable LED Light etc.
- Trailing edge Mode is recommended for capacitive resistive
- Leading edge mode is recommended for inductive load and resistive.
- Check Connections – Re-tighten all connections after installation.
- Output Circuit – Total current should not exceed 6A.
- Screw down strength is less than 0.4Nm.
- Do not get AC 240V voltage into Bus wire, it will damage all of devices in system

- Labeling 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.
- 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.

LAYOUTS AND WIRINGS