

FEATURES

- Long messages up to 250 bytes.
- 6 Status LED.
- Low current consumption.
- Manual function enable/disable button.
- DIN rail unit assembly (EN 50022), with snap fit clamp.
- Size: 90 x 70 x 35 mm (2 DIN units).
- No external power supply required other than the Bus.
- KNX BCU integrated.
- CE directives compliant.

1-Mainline LED	2-Mainline traffic LED	3-Group addresses LED	4- Manual function button
5-Programming LED	6-KNX mainline	7-Sub-line LED	8-Sub-line traffic LED
9-Physical addresses LED	10-Programming button	11-KNX sub-line	12-Din rail clamp

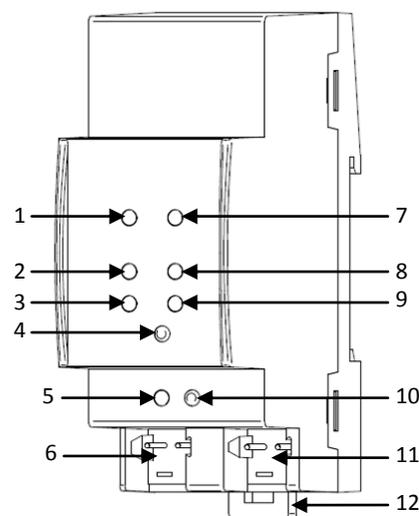


Figure 1. Zennio Linecoupler

GENERAL SYSTEM SPECIFICATIONS		
CONCEPT		DESCRIPTION
Type of device		Electric Operation Control Device
KNX Supply	Voltage	29V DC SELV
	Voltage range	21... 30V DC
	Power Consumption	Max. 10mA
	Bus connection	Typical BUS connector TP1, 0,50 mm ² section
External Power Supply		No
Ambient Temperature		from -5°C to +45°C
Storage Temperature		from -20°C to +60°C
Ambient Humidity		from 5% to 93% RH (No condensation)
Storage Humidity (relative)		from 5% to 93% RH (No condensation)
Complementary Characteristics		Class B
Safety Class		II
Operation Type		Continuous operation
Device Action Type		Type 1
Electrical solicitations period		Long
Type of Protection		IP20, clean environment
Assembly		Independent control assembly device to be mounted inside of electrical panels with DIN rail (EN 50022).
Status LED	Mainline	Green (Main line OK), red (manual overwrite active), OFF (error)
	Sub-line	Green (Sub-line OK), OFF (error or not connected)
	Mainline Traffic	Blinking: green (bus traffic on mainline), red (error), OFF (no traffic)
	Sub-line Traffic	Blinking: green (bus traffic on sub-line), red (error), OFF (no traffic)
	Group Addresses (GA)	OFF (different configuration on mainline and sub-line), green (filter table active), green and red (route all), red (block)
Physical Addresses (PA)	OFF (different configuration on mainline and sub-line), green (filter table active), green and yellow (route all), yellow (block)	
Weight		100 gr.
PCB CTI		175 V

SAFETY INSTRUCTIONS



- Do not connect Mains Voltage (230 V) or any other external voltages to any point of the BUS. Connecting an external voltage might put the entire KNX system at risk.
- Make sure during the installation that there is always sufficient insulation between the mains voltage 230V and the bus or the extension inputs.
- Keep away from water or humidity.