FEATURES

- Power supply of 24VDC and up to 0.75A.
- External 110/230VAC@50/60Hz power supply.
- Short-circuit and overload protection.
- Status indicator LED.
- Dimensions 68 x 93 x 17.5 mm (1 DIN unit).
- DIN rail mounting (EN 50022), through pressure.
- Conformity with the CE directives (CE-mark on the right side).

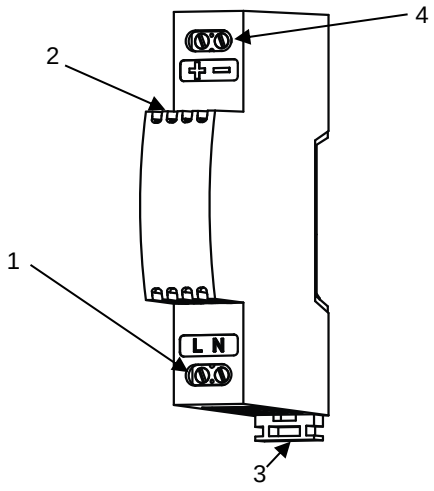


Figure 1. Auxiliary Power Supply

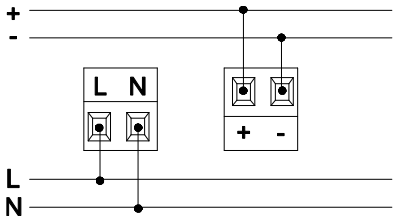
1. Input connection	**2**. Status indicator LED		Safety isolating transformer, short-circuit proof
3. Fixing clip	**4**. Output connection		For indoor use only

GENERAL SPECIFICATIONS		
CONCEPT		**DESCRIPTION**
Type of device		Electric operation control device
External power supply	Voltage	110/230VAC@50/60Hz
Output	Voltage	24VDC
	Nominal output current	0.75A
Operation temperature		-10ºC to +50ºC
Storage temperature		-40ºC to +85ºC
Operation humidity		0 to 95% RH (no condensation)
Storage humidity		0 to 95% RH (no condensation)
Complementary characteristics		Class B
Protection class		II
Operation type		Continuous operation
Device action type		Type 1
Electrical stress period		Long
Degree of protection		IP20, clean environment
Installation		Independent device to be mounted inside electrical panels with DIN rail (EN 50022)
Minimum clearances		40mm over the upper side and under the lower side and 100mm between input and output cables.
Operation indicator		Green on: correct operation. Green attenuated: overload. LED off: short-circuit or power failure.
Weight		70g
PCB CTI index		175V
Housing material		PC/ABS FRY (UL94—V0)

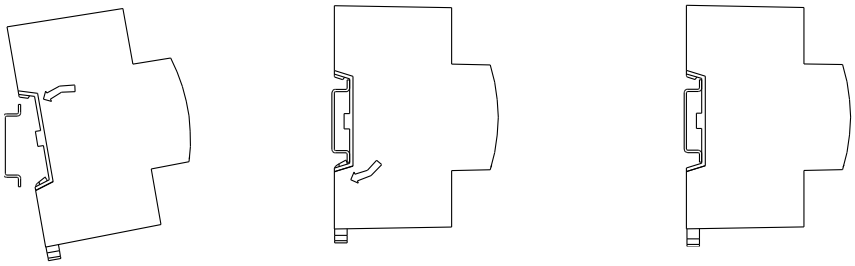
EXTERNAL POWER SUPPLY SPECIFICATIONS AND CONNECTIONS		
CONCEPT		**DESCRIPTION**
Power supply voltage range		110/230VAC@50/60Hz
Power factor		0.5 to 0.60
Power supply protection fuse	Voltage	250V
	Current	0.8A
	Response type	T (Time lag fuse)
Connection method		Screw terminal block
Cable cross-section		0.5mm² to 2.5mm² (26-12AWG)

OUTPUT SPECIFICATIONS AND CONNECTIONS	
CONCEPT	**DESCRIPTION**
Nominal Voltage	24VDC
Line regulation / Load regulation	± 0.05%
Nominal power	18W
Short-circuit protection	YES
Overload protection	YES
Connection method	Screw terminal block
Cable cross-section	0.5mm² to 2.5mm² (26-12 AWG)

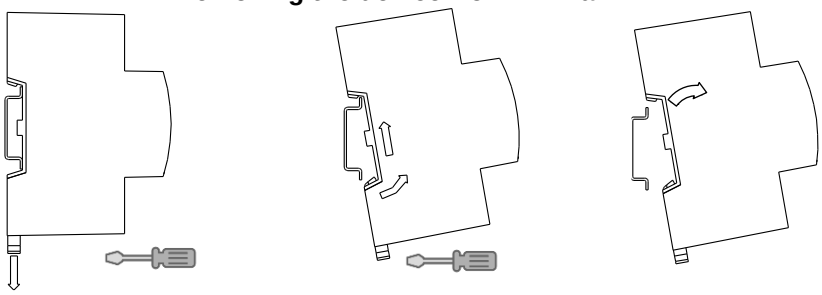
CONNECTIONS DIAGRAM



Attaching the device to DIN rail:



Removing the device from DIN rail:



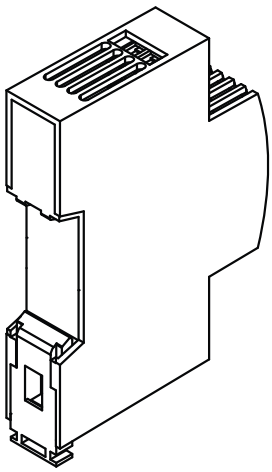


Figure 2. Mounting the device on a DIN rail

SAFETY INSTRUCTIONS

- Installation should only be performed by qualified professionals according to the laws and regulations applicable in each country.
- Do not connect the mains voltage nor any other external voltage to any point of the KNX bus; it would represent a risk for the entire KNX system. The facility must have enough insulation between the mains (or auxiliary) voltage and the KNX bus or the wires of other accessories, in case of being installed.
- The facility must be equipped with a device that ensures the omnipolar sectioning. Installation of a 10A mini-circuit-breaker is recommended. To prevent accidents, it must remain open in case of manipulation of the device.
- The device has a short-circuit protection fuse that, in case of activation, should only be rearmed or replaced by the Zennio technical service.
- This device contains a security short-circuit proof transformer.
- Once the device is installed (in the panel or box), it must not be accessible from outside.
- Keep the device away from water and do not cover it with clothes, paper or any other material while in use.
- The WEEE logo means that this device contains electronic parts and it must be properly disposed of by following the instructions at http://zennio.com/weee-regulation.