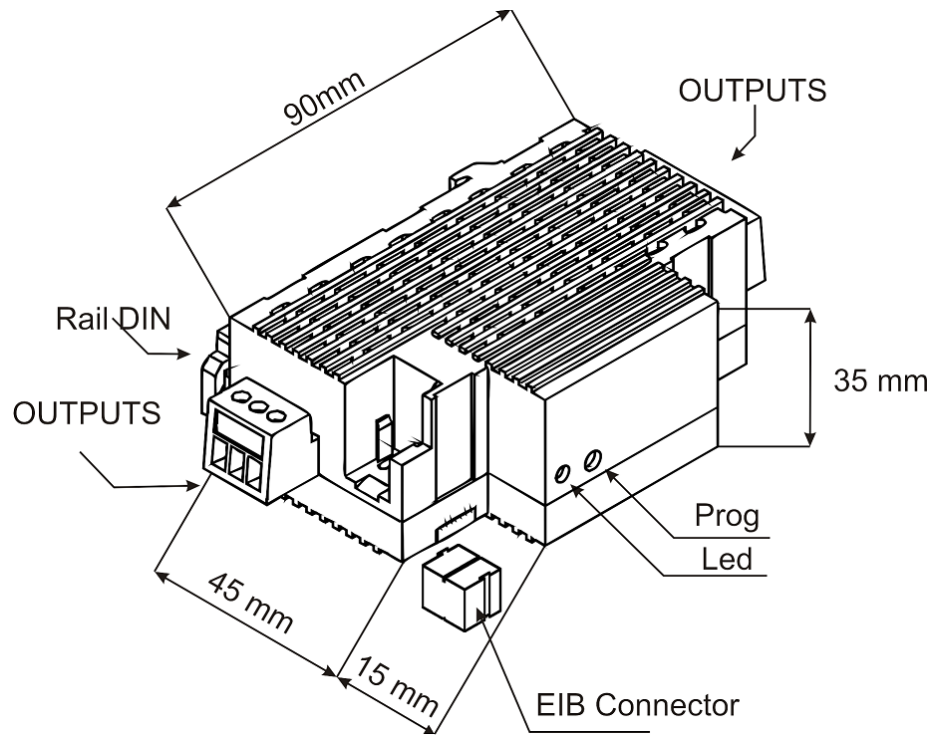


- Reduced size: 90 x 60 x 35 mm (2 DIN rail units).
- No external supply required different from bus.
- EIB/KNX BCU integrated.
- 3 actuation channels to be configured as:
 - shutter channels, up to 3
 - or individual outputs, up to 6.
- Connectors wiring can be executed without the ACTinBOX. Once wired, the ACTinBOX can be installed.
- Designed to be installed in both, DIN rail enclosures and wiring boxes. Drastical installation cost reduction.
- Including Logical Functions.
- Outputs timing facilities.
- CE directives OK.

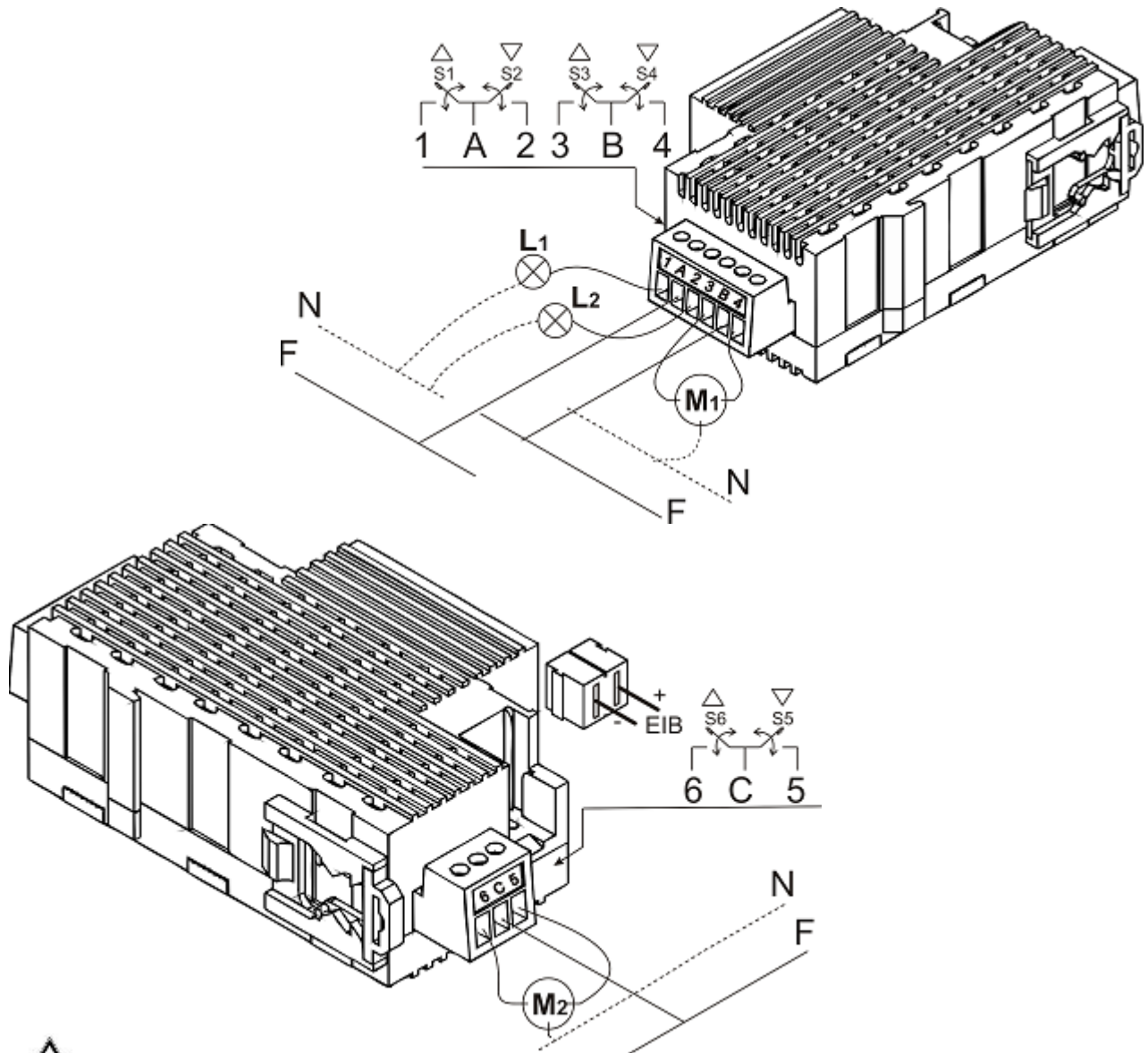


- **Prog.:** Push bottom to set the programming mode.
- **Led:** Programming mode indicator.

***NOT VALID FOR C-LOAD**

CONCEPT		DESCRIPTION
General specifications		
○ Type of device		Electric operation control device.
○ Bus supply	○ Operation voltage	29V DC
	○ Voltage margin	20 to 31VDC
	○ Power consumption	Max 200mW
	○ Bus connection	Typical TP1 (red-grey) KNX bus connector.
○ Mains supply		No
○ Ambient temperature		0°C to +55°C
○ Storage / transport temperature		-20°C a +70°C
○ Ambient humidity (relative)		30 a 85% RH (no condensation)
○ Storage humidity (relative)		30 a 85% RH (no condensation)
○ Complementary characteristics		Class B
○ Safety class:		II
○ Operation type		Continuous operation
○ Device action type		Type 1
○ Electrical solicitations period		Long
○ Protection class:		IP20, clean environment
○ Fitting method		Snap onto DIN rail (2 units width) or install in electrical box
○ Minimum clearances		---
○ Response to bus voltage failure		Data saving and outputs changes as programmed
○ Response in case of restarting		Data recovery and outputs changes as programmed.
○ Operation indication		Programming led lighting when pushing programming bottom.
○ Weight / Dimensions (W x H x T)		170 g. / 35x90x60mm
○ PCB CTi index		175 V
○ Enclosure		ABS, flammability category class D.

Outputs. Specifications and connections		
▫ Contact type	Potential-free make contact. NOT VALID FOR C-LOAD	
▫ Type of disconnection	Micro-disconnection	
▫ Rated current by output	10A 250V AC (2500 VA), 10A 30V DC (300W)	
▫ Rated current by channel	15A 250V AC (3750 VA), 15A 30V DC (450W)	
▫ Outputs per common (channel)	2 outputs per common (/per channel)	
▫ Switching of different phases	Phase 1 for channels A & B and phase 2 for channel C	
▫ Connection method	Screw terminal block	
▫ Cable section	0,25 mm ² to 2,5 mm ²	
▫ Type of cable	Flexible cable using crimping terminals or rigid cable.	
▫ Number of automatic cycles (A) per automatic action	Mechanical (Min)	10 million operations (at 300cpm)
	Electrical (min.)	100.000 cycles at Max. current (at 20cpm and resistive load)



Safety instructions

- Make sure during the installation that there is always sufficient insulation between the mains voltage and the bus or the extension inputs. A minimum spacing of 4 mm must be ensured between the bus/extension wires and the mains wires. Connecting an external voltage endangers the electrical safety of the entire KNX/EIB system.
- Flexible cable with crimping terminals or rigid cable without terminals must be used for output connection.
- Switching of two different phases is only permitted if phase 1 is connected to channels A and B, and phase 2 is connected to channel C
- Caution! Once the device is installed, it shouldn't be accessible.