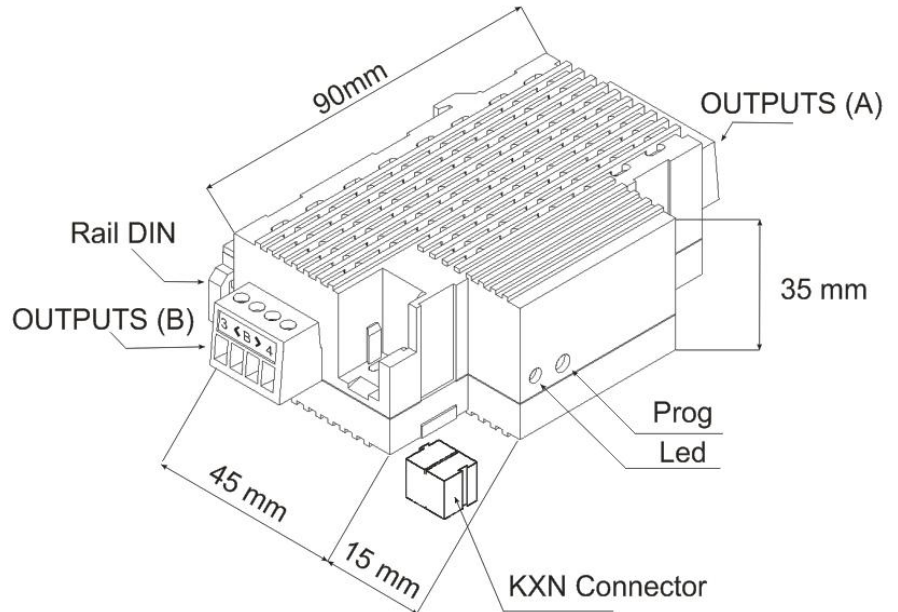


- Reduced size: 90 x 60 x 35 mm (2 DIN rail units).
- No external supply required different from Bus.
- EIB/KNX BCU integrated.
- Stand Capacitive Loads
- Connectors wiring can be done without the device.
- Independent control assembly device to be mounted inside distribution boxes or electrical panels with DIN rails.
- Including Logical Functions.
- Output timing facilities.
- Total Data Saving when Power Failure occurs.
- CE directives OK.



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

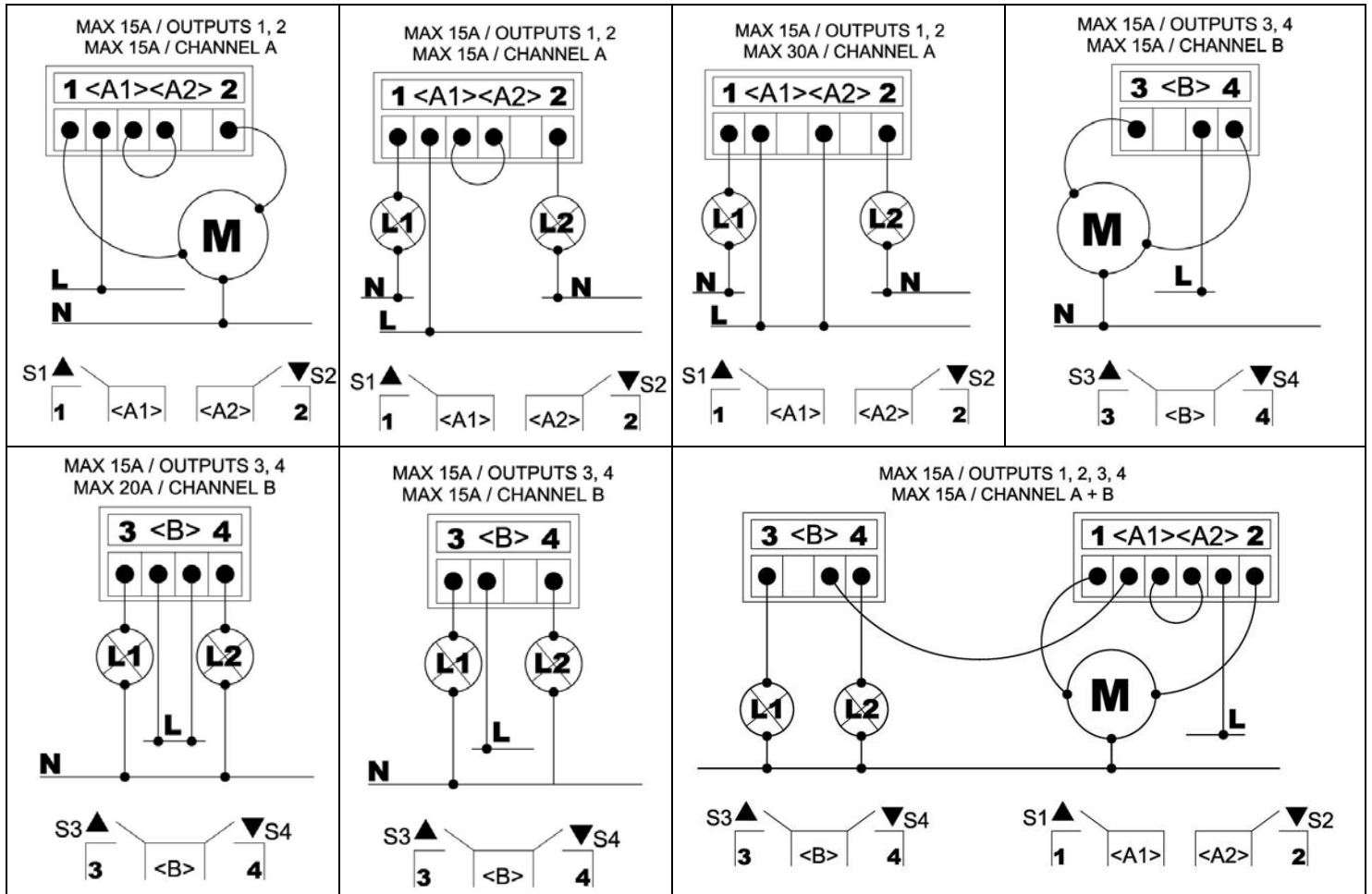
| CONCEPT | | DESCRIPTION |
|--------------------------------------|---------------------|--|
| General System Specifications | | |
| ○ Type of device | | Electric Operation Control Device |
| ○ EIB/KNX Supply | ○ Voltage | 29V DC |
| | ○ Voltage range | 20...31V DC |
| | ○ Power consumption | Max 150 mW |
| | ○ Bus connection | Typical BUS connector TP1, 0,50 mm ² section |
| ○ External Power Supply | | No |
| ○ Ambient Temperature | | 0°C a +55°C |
| ○ Storage Temperature | | -20°C a +70°C |
| ○ Ambient Humidity | | 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 |
| ○ Type of Protection | | IP20, clean environment |
| ○ Assembly | | Independent control assembly device to be mounted inside distribution boxes or electrical panels |
| ○ Minimum clearances | | --- |
| ○ Power Failure response | | Data saving |
| ○ Response when restarting | | Customizable output status recovering |
| ○ Operation indication | | Programming led lighting when pressing programming button. |
| ○ Weight | | 170 gr. |
| ○ PCB CTi index | | 175 V |
| ○ Enclosure | | PC-ABS, flammability category Class D. |

OUTPUTS-Specifications and connections

| | | |
|---|---|---|
| o Contact type | Free Potential Outputs through bistable relays with tungsten pre-contact. | |
| o Disconnection type | Micro-disconnection | |
| o Rated current by output | 15A 250V AC (3750 VA), 15A 30V DC (450W) | |
| o Rated current by channel | 20/30A* 250V AC (5000 VA), 20/30A* 30V DC (600W) | |
| o Dropping Voltage | Negligible | |
| o Outputs per common (Channel) | 2 Individual Outputs (Channel A) 2 Individual Outputs per common (Channel B) | |
| o Different Phases Connection | Up to two phases: Phase 1-Channel 1 & Phase 2-Channel 2 | |
| o Connection Type | Screw Terminals Clamp | |
| o Recommended Cable Section | 0,25 mm ² a 2,5 mm ² | |
| o Cable Type | Stranded or solid wire with crimping terminals. | |
| o Response Time | 50 ms | |
| o Number of automatic cycles (A) per automatic action | Mechanical (Min) | 10 million operations (300cpm) |
| | Electrical (min.) | 100.000 cycles at Max. current (20cpm and resistive load) |

* See *Wiring/Installation Options*

WIRING OPTIONS



SAFETY INSTRUCTIONS

- Do not connect the Main Voltage (230 V) or any other external voltages to any point of the BUS. Connecting an external voltage might put all the EIB/KONNEX system into risk.
- Installation should only be performed by qualified electricians following applicable regulations on preventing accidents, as required by law.
- Flexible cable with crimping terminals or rigid cable without terminals must be used for output connection.
- Ensure there is enough insulation between the AC Voltage cables and the BUS ones.
- Up to 2 different electrical phases can be connected to the device as long as one is connected to channel A and the other one to Channel B.
- Warning! Once installed, the device must not be easily accessible from the outside.