

# LETOUR

## Embedded 2-ch dry contact curtain module technical specification

### Applicable Products:

Embedded 2-ch dry contact curtain module (LY/CL0206413F)

KNX/EIB residential and building intelligent control system

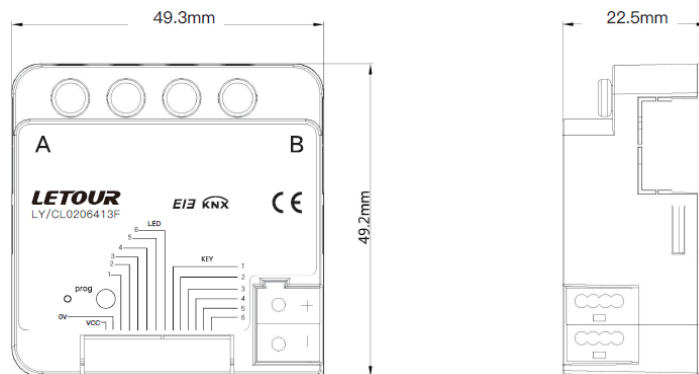
### Product Features

- Dry contact input scan
  - Switching and dimming functions
  - Shutter function
  - Recall and store scene functions
  - Fixed value sending function
- Curtain output
  - Open and close curtains
  - Stop curtain movement
    - Provides 8 scene controls, which are called
  - and stored by 1byte objects to query or reply to the
  - Opening and closing status of the curtains
    - Curtain action can be set when bus voltage recovers
- LED status indication

### Technical parameter

|                            |                                                                                                                                                                                                  |                                                                                 |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| Power supply               | operating voltage                                                                                                                                                                                | 21~30V DC, provided by bus                                                      |
|                            | Quiescent Current                                                                                                                                                                                | <12mA                                                                           |
|                            | Static power                                                                                                                                                                                     | <360mW                                                                          |
| Curtain output             | Channel                                                                                                                                                                                          | Two independent dry contact control type motors can be connected                |
| LED output                 | Channel 6                                                                                                                                                                                        | Common cathode connection                                                       |
|                            | Output current                                                                                                                                                                                   | 1mA                                                                             |
|                            | input channel                                                                                                                                                                                    | 6 way                                                                           |
| Connect                    |                                                                                                                                                                                                  | Suitable for screw terminals                                                    |
|                            | EIB/KNX bus                                                                                                                                                                                      | Connection terminal connection (red/black)                                      |
|                            | Output terminal                                                                                                                                                                                  | 0.8mmØ, connect with copper posts with screw terminals                          |
|                            | Use wire diameter                                                                                                                                                                                | 0.5-4mm2                                                                        |
|                            | Torque                                                                                                                                                                                           | 0.8Nm                                                                           |
| Operation and Instructions | Program keys                                                                                                                                                                                     | The buttons on the front of the module are used to program the physical address |
|                            | Red indicator                                                                                                                                                                                    | Red LED means entering programming mode                                         |
|                            | Green indicator                                                                                                                                                                                  | Blinking green means the device is operating normally                           |
| Protection class           |                                                                                                                                                                                                  | IP 20, EN 60 529                                                                |
| Temperature range          | run                                                                                                                                                                                              | - 5°C ... +45°C                                                                 |
|                            | storage                                                                                                                                                                                          | - 25°C ... +55°C                                                                |
|                            | transportation                                                                                                                                                                                   | - 25 °C ... +70 °C                                                              |
| Environmental conditions   | Maximum air humidity <93%, except condensation                                                                                                                                                   |                                                                                 |
| Design                     | Flush Mount Equipment                                                                                                                                                                            |                                                                                 |
| Install                    | Standard 86mm installation box or 60 square box, the depth of the junction box is at least 50mm, and 70mm is recommended when there is a panel, which is related to the actual wiring connection |                                                                                 |

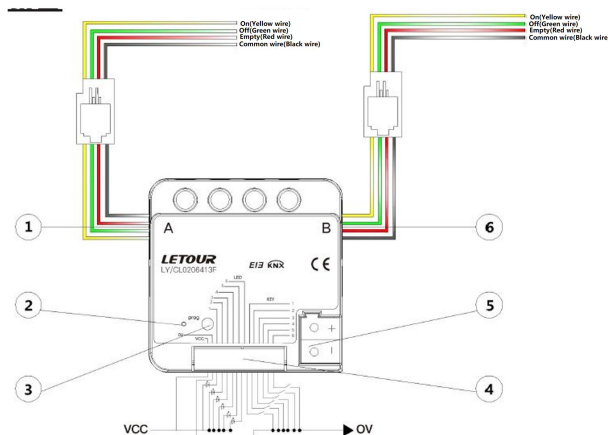
### Dimension



| Model         | Size                 | Weight      |
|---------------|----------------------|-------------|
| LY/CL0206413F | 49.3 x 49.2 x 22.5mm | About 0.1kg |

### Wiring diagram

#### Wiring diagram



### Instruction

1. 6. Curtain A, B output
2. Programming LED, red indicates entering physical address allocation mode, green flashing indicates that the device is operating normally
3. Program button
4. 14-pin (LED and button header)
5. KNX/EIB bus connection terminal

### Installation Notes

This device is suitable for installation in a traditional 86-box or 60-square box. The depth of the junction box is at least 50mm, and 70mm is recommended when there is a panel, which is related to the actual wiring connection. Installation must ensure that the equipment is operated, tested, inspected, maintained and repaired correctly.

### Main Tips

Installation and commissioning of equipment should only be performed by qualified and skilled electricians. The relevant standards, directives, rules and directives are strictly enforced during the planning and implementation of electrical installations.

- The device needs to be protected from moisture, dirt and damage during transportation, storage and use.
- Do not operate the device outside of specified specifications (eg, temperature range).
- The device may only be operated in a closed environment (eg junction box).

When the equipment is dirty, only use a dry cloth to clean it. If this is not enough to clean, you can use a damp cloth with a little soap solution to gently wipe. Never use alkaline agents or corrosive solvents.