

# MC P1 FMT



Art.-no.:  
01077116

### Short description

- Microprocessor-powered motor control for one sunshade device drive
- Standard 3-wire central input
- Direct connection available for one 230 VAC motor
- Option of connecting an individual push button
- Separate connection points for mains supply and central transmission
- Secure connection via spring loaded terminals
- Operation modes - inching and direct operation modes adjustable

### Safety precautions

- ⚠ Contact a professional electrician to install the control system, because the control system requires a power supply of 230VAC, 50 Hz.
- Check the control system for signs of mechanical damage after unpacking. If you notice any shipping damage, do not start up the control system and notify your supplier immediately.
- The control system should only be used for the purpose specified by the manufacturer (refer to the operating instructions). Any changes or modifications thereof are not permissible and will result in loss of all warranty claims.
- If the control unit or the connected sunshade cannot be operated without presenting a hazard, it must be switched off and prevented from being switched on unintentionally.
- When performing work on the windows, controls or connected shades, protect them against unauthorised or unintentional operation.

### Technical data

|                                  |                                       |
|----------------------------------|---------------------------------------|
| Power supply:                    | 230VAC, 50 Hz                         |
| Impulse voltage withstand level: | 2.5 kV                                |
| Rated power:                     | < 0.5 W                               |
| Output (Up/Down):                | 230VAC, 50 Hz                         |
| Maximum load:                    | 250VAC, 3A, $\cos \varphi > 0.8$ ind. |
| Align switching time:            | 180 seconds                           |
| Software class:                  | A                                     |
| Operating temperature:           | 0°C (32°F) to +40°C (104°F)           |
| Protection degree:               | IP 20                                 |
| Degree of contamination:         | 2                                     |
| Dimensions (L x W x H):          | 48.5 x 52.5 x 28 mm                   |
| Conformity:                      |                                       |

### Disposal of waste

**The disposal of electrical equipment and batteries in household waste is strictly forbidden.**

The symbol (dustbin crossed out, in line with WEEE Appendix IV) indicates separate collection of electrical and electronic products in EU countries. Do not dispose of the device or battery in your household waste. Ask your town or local council about the return and collection systems available in your area to dispose of this product.

# MC P1 FMT

Art.-no.: 01077116

Motor control for controlling and individual operating of 1 sunshade device.

## Installation and Operating Instructions

### Assembly and installation



**WARNING!**  
Risk of injury due to improper installation and commissioning. Improper installation and commissioning may lead to personal injury or property damage.

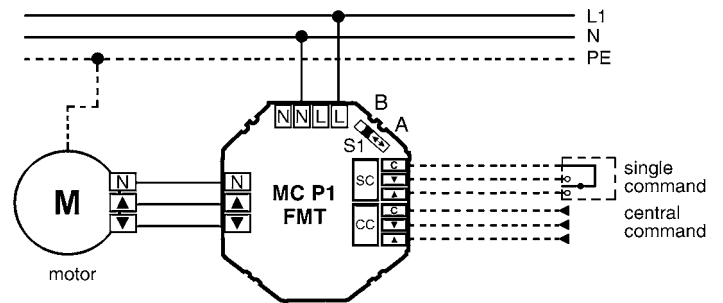
Therefore:

- When connecting the device, observe the currently valid VDE standards (in particular DIN VDE 0100/0700), your local power company's regulations and the current accident prevention regulations.
- Connect the control in accordance with the wiring diagram.
- Only use central control with potential-free output.
- Only suitable for indoor installation.
- Not suitable for use in damp locations.

### Notes for professional electricians

1. Switch off the power supply.
2. Install the control into a deep flush-mounted junction box Ø 70 mm.
3. Connect the power supply cables and isolate with attached silicone tubes. Connect the power supply cables and external connections according to the wiring diagram.
4. Set the desired operation inching mode or direct mode.
5. Switch on the power supply.
6. Check the motor's direction of rotation and correct it, if necessary.

### Wiring diagram



**ATTENTION!**  
Only use central control with floating contact output.

### Operation



**ATTENTION!**  
While the central command is being executed, operation by means of individual control is not possible.

Individual or group operation is performed by using a locked/unlocked button. In both modes, a central command will run the sunshade for the duration of the command (dead man's operation).

**Inching operation mode** (switch in position "A"):

The single command will be stored after 2s; individual control of up to 2s will run the sunshade for the duration of the command (dead man's operation).

**Direct operation mode** (switch in position "B"):

The single command will be stored immediately.