



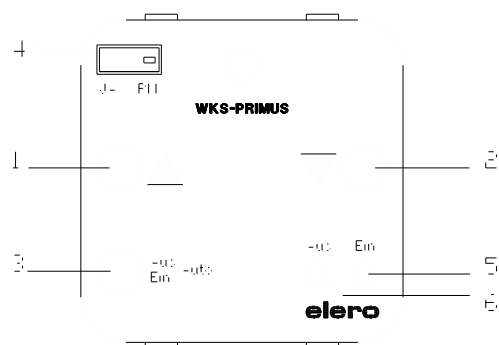
### Motor control unit

The individual motor control unit WKS-PRIMUS is a motor control with integrated buttons for manual override operation. It can repeat any memorised travel commands within a 24 hour cycle.

Connecting a central timer or a master switch allows for carrying out central commands. A second switching point (momentary type series switch) can be connected.

There are no restrictions to how many individual motor controls WKS-Primus can be controlled centrally or in groups. This allows solving complex applications the simple way.

### Control panel description



No.	Function
1	[UP] command button
2	[DOWN] command button
3	[AUTO] button automatic operation ON/OFF
4	Operation mode selector JA/RM venetian blind drive or tubular motor
5	Indicator (green) = automatic operation ON (EIN)
6	Indicator (red) automatic operation OFF (AUS)

### Memorizing a travel command

Each control unit allows memorizing one UP and one DOWN command. These are repeated in 24 hour intervals.

#### Memorizing an UP command:

At the required time press the [UP] command button and the [AUTO] button simultaneously.

#### Memorizing a DOWN command:

At the required time press the [DOWN] command button and the [Auto] button simultaneously.

Successful programming is indicated by the momentary light-up of both LED indicators (red & green).

Whenever a memorized command is being carried out both LED indicators start flashing.

### Deleting the travel commands

To change a switching time press the UP or DOWN command button (whatever direction is required) and the [AUTO] button simultaneously. Any memorized old value will automatically be overwritten.

To delete a memorized travel command, first carry out an uninterrupted UP command (duration approx. 3 minutes). After that press the [UP]- and [DOWN] command button simultaneously for more than 3 seconds. Successful deletion is indicated by a momentary light-up of both LED indicators.

### Operation mode selector

The operation mode selector serves to match the WKS-PRIMUS motor control to the type of installation used.

Position **RM** - for tubular motors  
Position **JA** - for venetian blind drives and awnings

The selector is factory set to RM



### Position RM

In the RM position the individual motor control unit WKS-PRIMUS is used as a roller shutter control. All manual commands are carried out without delay and are self-maintained. After activating the command the motor will run to the required limit position. The LED light indicator will flash as long as the command is activated which is for approx. 3 minutes. After that the light indicator switches to steady light (green light for automatic operation ON, red light for automatic operation OFF).

### Position JA

In the JA position the motor control unit WKS-PRIMUS is used as a venetian blind or awning control. All manual commands are carried out with a delay of approx. 1 second and after that are self-maintained. After activating the command the motor will run to the required limit position.

The LED light indicator will flash as long as the command is activated which is for approx. 3 minutes. After that the light indicator switches to steady light (green light for automatic operation ON, red light for automatic operation OFF).

### Automatic operation ON/OFF

The [AUTO] button is used to switch the automatic operation mode ON or OFF.

Automatic operation ON = green light  
Automatic operation OFF = red light

### Automatic operation ON

The control unit responds to all central UP/DOWN commands. Any memorized travel commands will be repeated in 24 hour intervals.

### Automatic operation OFF

Any central commands are ignored. The memorized travel commands will not be carried out.



#### NOTE

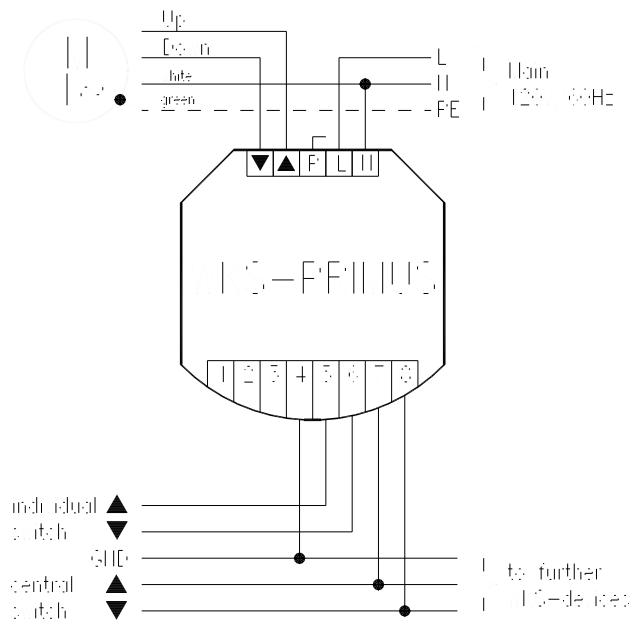
In the JA mode a wind alarm (Central UP>5sec.) will always be processed even if the automatic mode is switched OFF.

### Technical data

Parameters	Value
Voltage	120 V
Frequency	60 Hz
Current consumption	4,5 mA
Switching current	4A/250V AC
Power rating	½ HP-240V AC ¼ HP-120V AC
Pulse duration	approx. 3 min.
Power reserve in case of power failure	approx. 60 min.

### Wiring diagram

Work on the 120 V mains may only be carried out by authorised specialists.



**Connect only 1 motor maximum**  
**Make sure mains supply is switched off prior to installation!**

To set up a control system please refer to the MASTER Control System catalogue.