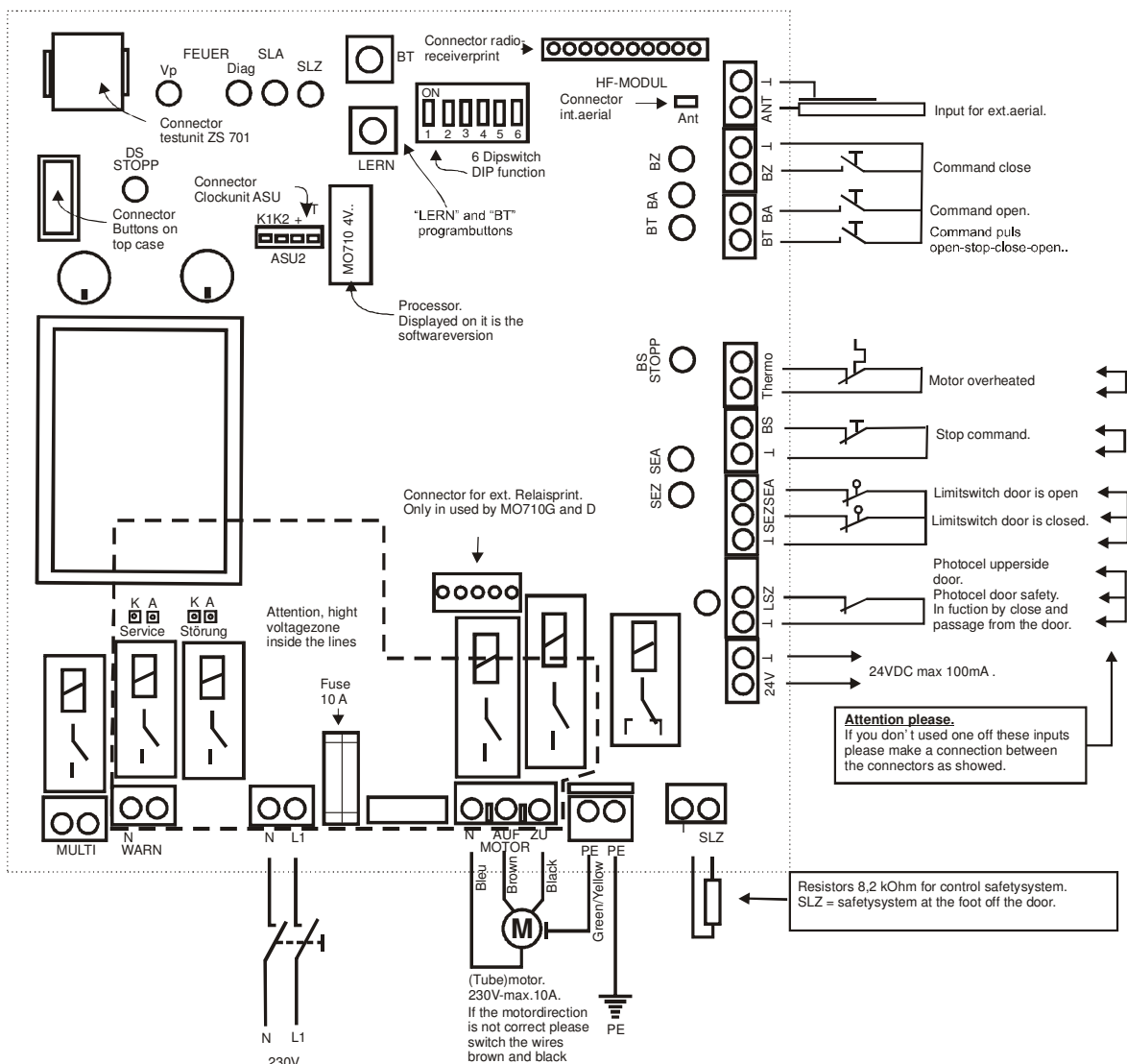


Motor control MO713NE

Abridged version

Connection diagrams and instructions for use



Warning!!!!

This MO713NE is set ex factory in a specific configuration (motor running time 90 seconds, dead-man operation, no pre-warnings). If you want a different form of operation, consult the extensive instructions for use.

Ex-factory settings:

The MO713NE is delivered in the following configuration:

- Connection cable for mains 230V.
- Receiver module EKXR710 is **already inserted on the mother board** (small printed circuit board in upper right-hand corner).
- Up and down direction is set on dead-man operation.
- No warning time for opening and locking (motor starts immediately after a command).

Post-assembly of the roller shutter:

1. Connect the motor (brown, black, blue, yellow-green wires).
2. Make sure dip switches 1 and 2 or set on ON.
3. Check that there are no obstacles and/or persons under the door.
4. Insert the plug of the 230 Volt into the mains.
5. Wait until all red LEDS have dimmed (self-test of controls).

For safety → → Deleting possible “strange transmitter codes”

For safety’s sake, we strongly recommend BEFORE LEARNING THE NEW TRANSMITTER CODES that you use the following programme to delete code(s) that have been entered “by accident”.

LED not lit ○	LED constantly lit ●	LED flashes ☉		
	LERN button	BT button	What happens / what to do	Reaction of red LEDs DIAG SLA SLZ
1	Press approx. 3 sec.		SLZ LED is on	○ ○ ●
2		Short press 1x	Choose learn programme codes	○ ● ○
3	Short press		Confirm choice	○ ○ ●
4	Short press			☉ ○ ○
4a			Automatically follows	○ ● ○
5		Short press 4x	All LEDs light up	● ● ●
6	Short press		LEDs light up one by one	☉ → ☉ → ☉
			Channel 1 empty	○ ○ ○

Continue entering the desired codes for the **2-channel** transmitter up and down operation).

Learning hand-transmitter codes → → Set the desired safety code in the hand transmitter(s)

Set the desired code on the dip switch of the hand transmitter. You only need to learn one transmitter on the controls. You can then automatically use all transmitters with the same code.

Ensure that you have the transmitter at hand.

Procedure:

LED not lit ○	LED constantly lit ●	LED flashes ☉		
	LERN button	BT button	What happens / what to do	Reaction of red LEDs DIAG SLA SLZ
1	Press approx. 4 sec.		SZL LED is on and stops flashing	○ ○ ●
2		Short press 1 x	Choose learn programme codes	○ ● ○
3	Short press			○ ○ ●
4		Short press 1 x	Now choose the 1st channel (up)	○ ● ●
5			Short press the “ up ” button of transmitter	☉ ○ ○
5a			Automatically follows →	○ ● ○
6	Short press			○ ○ ●
7		Short press 2 x	Now choose the 2nd channel (down)	● ● ●

8			Short press “ down ” button of transmitter	⊙ ○ ○
8a			Automatically follows →	○ ● ○
9		Short press 4 x	All LEDs light up	● ● ●
10	Short press		LEDs light up one by one	⊙ → ⊙ → ⊙
			Programming finished	○ ○ ○

Testing:

Make sure that there are no obstacles and/or persons under the rolling shutter.

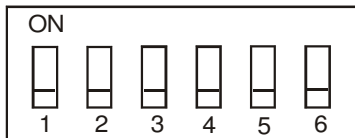
Using the up and down buttons of the hand transmitter, you can now control the motor up and down in the dead-man operation.

Switch the brown and black motor wires in case of wrong direction of rotation.

Choose form of operation:

BOTH directions are set ex factory in dead-man operation. The following procedure sets the desired dip switch in another position. For example, suppose you want the down direction in dead-man operation and the up direction in take-over, then set dip switch 1 down (OFF) and short press the LERN button.

WARNING!!!!!!! ← ← ← ← ← ← ←
After a dip switch has been set in another position, short press the LERN button to confirm the function (TÜV regulation).
The 3 red LEDs will light up briefly one after the other in confirmation.



Dip	Function	Stand OFF (factory setting)	Stand ON
1	Operation of controls when opening	Take-over of the command	Dead-man operation
2	Operation of controls when locking	Take-over of the command	Dead-man operation