

MOTOR ISOTRA BASIC - 10Nm

Location of the motor in the blind (view from the interior). The cable goes to the left and comes out from the bottom of the motor.



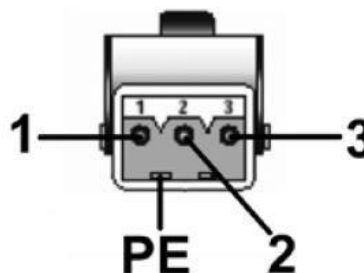
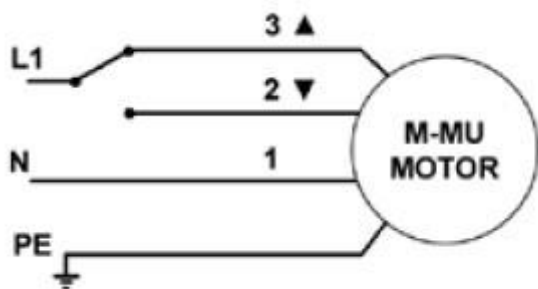
Motor features:

- AC230 V power supply
- Patented quiet gearbox, 55dB noise level only
- Electronically adjustable positions
- Safety end stop when moving up
- Possibility of parallel connection of up to 3 motors

Motor parameters:

Motor	Rated voltage	Rated input power	Torque	Rated speed (revs)	Operating temperature	Dimension	IP degree (degree of protection)
AM55-10/35-EL	230V/50Hz	160W	10N.m	35rpm	-20° ~ +60°	187 mm	IP54

Motor connection:



1	2	3	PE
Blue	Black	Brown	Yellow-green

- 1 – Neutral conductor (N)
- 2 – Phase conductor (down)
- 3 – Phase conductor (up)
- 4 – Protective conductor

Motor settings:

The end positions must be set using an assembly cable that has a separate button that switches both directions at once (e.g. Somfy assembly cable). After connecting to the socket, the yellow light on the Somfy cable must be ON (if it does not light up, there is an error in the electricity distribution or in the assembly cable).



1) Setting up a new motor (if it has not been used yet)

- move to the required lower end position and press the **WT** button, 7s later the motor jerks
- move to the required upper end position and press the **WT** button, 7s later the motor jerks
- the motor is set

2) Correction of the upper end position

- move to the end position until the motor stops of its own accord
- press the **up button + WT** at the same time (hold still)
- release the **WT** button for 1s and then press the **WT** again
- the motor confirms with a jerk
- move to the required upper end position and hold down the **WT** button
- 7s later the motor jerks and confirms the new position

3) Correction of the lower end position (cannot be set separately, both positions must always be set)

- move beyond the end positions (min. 10 cm from the original ones)
- press the **up button + WT** at the same time (hold still)
- release the **WT** button for 1s and then press the **WT** again
- the motor confirms with a jerk
- move to the required lower end position and press the **WT** button, 7s later the motor jerks
- move to the required upper end position and press the **WT** button, 7s later the motor jerks
- the motor is set

4) Attention! The motor has a third stop option! This means that when moving up or down, it always stops at the third stop setting, e.g. in the middle of the blind. Programming:

- the lower and upper stop must be set
- move to the required third position
- press the **WT** button, 7s later the motor jerks

position change:

- move to the third position until the motor stops of its own accord
- press the **up button + WT** at the same time (hold still)
- release the **WT** button for 1s and then press the **WT** again
- the motor confirms with a jerk
- move to the required lower end position and hold down the **WT** button
- 7s later the motor jerks and confirms the new position

Canceled third position:

- see point 3 "Correction of the lower end position"