

Motor ISOTRA BASIC

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.



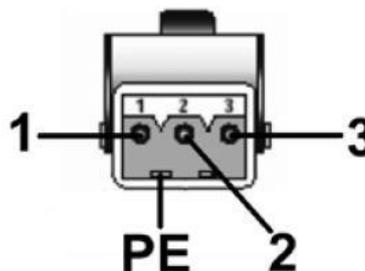
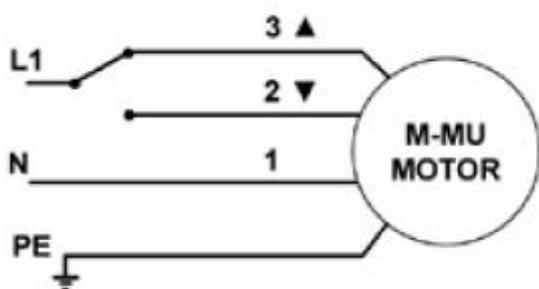
Motor features

- AC230V power supply
- Patented quiet gearbox, 55 dB noise level only
- Electronically adjustable positions
- Safety end stop when moving up (is activated from the moment, when the both end positions are set)
- 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)
AM55-6/35-EL	230 V / 50 Hz	120 W	6 Nm	35 rpm	-20° ~ +60°	177 mm	IP54
AM55-10/35-EL	230 V / 50 Hz	160 W	10 Nm	35 rpm	-20° ~ +60°	187 mm	IP54

Motor connection



1	2	3	PE
Blue	Black	Brown	Yellow-green

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

Motor setting

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).



Button to activate both directions together

Process

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

- Move to the required lower end position and hold the WT button until the motor jerks (approximately 7 seconds)
- Move to the required upper end position and hold the WT button until the motor jerks (approximately 7 seconds)
- 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 1 second 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
- 7 seconds later the motor jerks and confirms the new position
- **If it cannot be adjusted, go to step 3 and adjust both end positions**

3. Correction of the lower and upper 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 1 second and then press the WT again
- The motor confirms with a double jerk
- Move to the required lower end position and hold the WT button until the motor jerks (approximately 7 seconds). Note – if you press the up direction first (not down) after clearing the limits, you will set the upper limit first! The direction you press first after clearing the limits is the limit you set first!
- Move to the required upper end position and hold the WT button until the motor jerks (approximately 7 seconds)
- The motor is set

Notice: To make sure the end positions are set correctly, according point 2 and 3, you have to have setting of both end positions completed (lower and upper)!!!