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# MOTOR ISOTRA BASIC



## ADVANTAGES OF THE MOTOR

- SPEED – 35 rpm compared to ordinary motors with 24 rpm
- QUIET RUN – noise level only 55 dB
- SIMPLICITY – user-friendly settings using the Somfy mounting cable
- PARALLELISM – possibility of parallel connection (two or more blinds operated by a single switch depending on the switch type)

[www.isotra.com](http://www.isotra.com)

## MOTOR CHARACTERISTICS

- Power supply: 230 VAC
- Patented, quiet gearbox
- Electronically adjustable positions
- Safety end stop

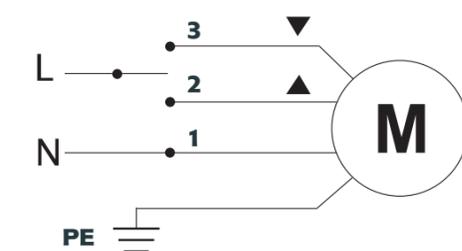
## USE

- Cetta 35, 50
- Cetta 60, 80
- Setta 65, 90
- Zetta 70, 90
- Viva, Viva short
- Windstabil
- Façade blinds

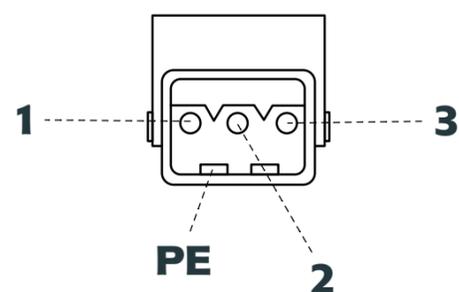
## MOTOR PARAMETERS

Type	Voltage	Input power	Torque	Speed	Ambient temperature	Dimensions	Protection
AM55-6/35-EL	230 V/50 Hz	120 W	6 N.m	35 rpm	-20°~+60°	314,5 mm	IP54
AM55-10/35-EL	230 V/50 Hz	160 W	10 N.m	35 rpm	-20°~+60°	324,5 mm	IP54

## MOTOR CONNECTION



- 1** Blue
- 2** Black
- 3** Brown
- PE** Yellow-green



- 1** Neutral conductor (N)
- 2** Phase conductor (up)
- 3** Phase conductor (down)
- PE** Protective conductor



## MOTOR SETTINGS

End positions must be adjusted and set using a mounting cable having a dedicated button that engages both directions at once, e.g., Somfy mounting cable.

### 1. Setting a new motor (especially in production)

- Move to the required upper end position and hold the WT button, the motor will yank after 7 s;
- Move to the required lower end position and hold the WT button, the motor will yank after 7 s;
- The motor is set.

### 2. Correction of the lower end position (upper position cannot be set separately, go to point 3)

- Move to the end position you wish to change;
- Press at once the UP button and the WT button (and hold);
- Release the WT button for 1 s and then engage again;
- The motor will confirm by a yank;
- Set the new lower stop according to point 1
- hold down the WT button for 7 seconds until the engine starts

### 3. Erasing all end positions

- Move anywhere between the end positions;
- Press at once the UP button and the WT button (and hold);
- Release the WT button for 1 s and then engage again;
- The motor will confirm by a yank;
- Set the end positions according to point 1.