BREL HOME

INSTALLATION MANUAL

Ezio Motoren

This manual is suitable for the following motor types:

- MPS35-06
- MPS35-10
- MPS45-20

Read this manual before starting installation. Failure to follow the instructions may result in defects that are not covered by the warranty.

Visit our website www.brel-home.com for further information.

Scan the QR code to download the manual and view installation videos.

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Warnings

Declaration of Conformity

This product complies with the essential requirements of the following European directives:

Radio Equipment Directive (RED) 2014/53/EU: Meets the requirements for radio communication, including safety, health and efficient use of the radio spectrum.

Low Voltage Directive (LVD) 2014/35/EU: Meets the safety requirements for electrical equipment operated with rated voltages between 50 V and 1000 V AC.

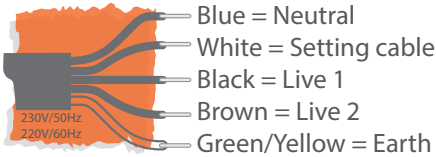
Electromagnetic Compatibility Directive (EMC) 2014/30/EU: Meets the standards for electromagnetic emissions and immunity to avoid interference.

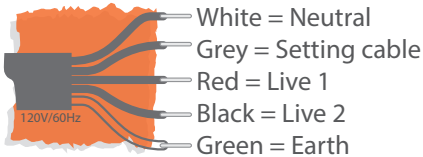
Restriction of Hazardous Substances Directive (RoHS) 2011/65/EU: Complies with the restrictions on the use of certain hazardous substances.

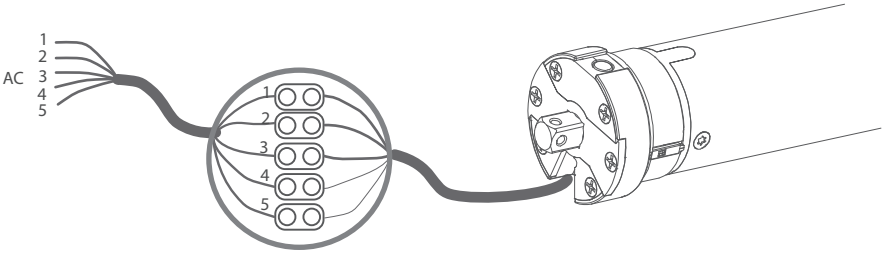
Machinery Directive (MD) 2006/42/EC: Meets the safety requirements for the design and manufacture of machinery, including mechanical and electrical safety.

Note: This document is a summary. Please refer to the full Declaration of Conformity for detailed information.

Wiring







Motor Technical Data

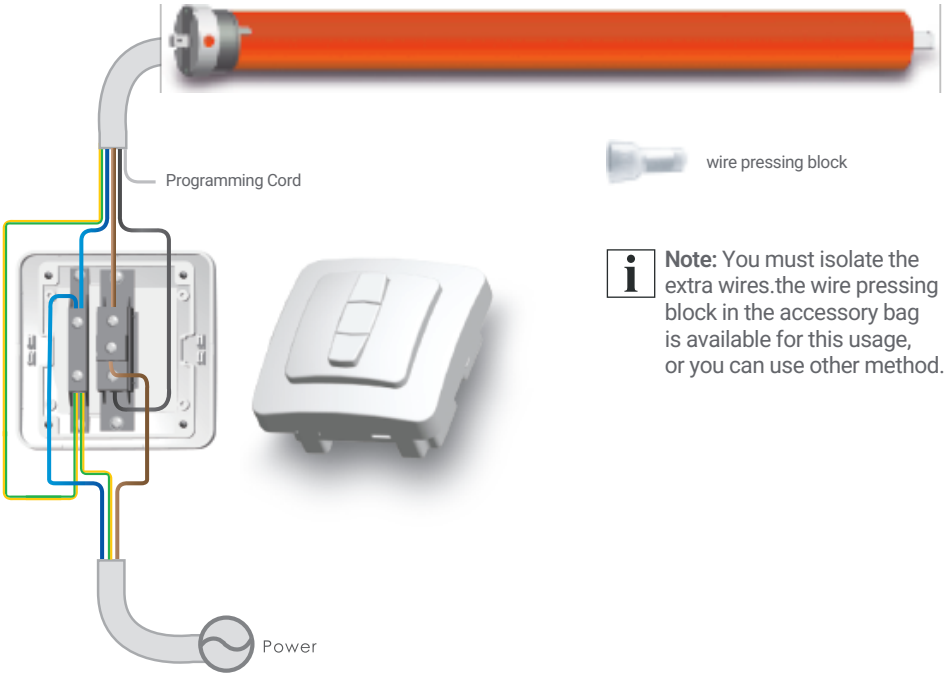
	MPS35-06	MPS35-10	MPS45-20
Operating voltage:	230V	230V	230V
Power:	124W	124W	124W
Current	0.54A	0.54A	0.54A
Torque (Nm)	6	10	20
Speed (rpm)	28	17	26
Motor length (mm)	595	595	595
Motor diameter (mm)	35	35	45
Motor head diameter (mm)	-	-	-
Cabel (mm)	-	-	-

General motor specifications:

Cable	5 adrige Kabel
Thermal protection	Ja
Maximum running time	4 Minuten
Protection rating	IP44
Operating temperature	-20°C tot +70°C

This motor can be set in parallel operation.

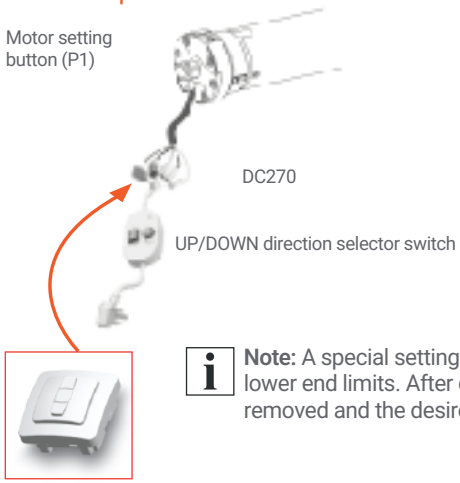
Wiring Diagram



Note: You must isolate the extra wires.the wire pressing block in the accessory bag is available for this usage, or you can use other method.

Motor Installation

Button description



Note: A special setting switch is used to adjust the upper and lower end limits. After completing the adjustment, this switch is removed and the desired wall switch is installed for normal operation.

Motor Installation

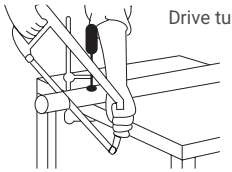
Operating instructions

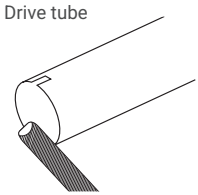
1. AC connection mode – refer to wiring diagram.
   Ensure correct wiring, insulation and use of the accessory package (or other suitable methods).
2. End position setting: After setting the end limits, with the device switched off and with memory function enabled.

Motor installation

1. The drive tube must fit precisely with the crown and the drive adapter.
2. Select the crown and drive adapter suitable for the drive tube..

1





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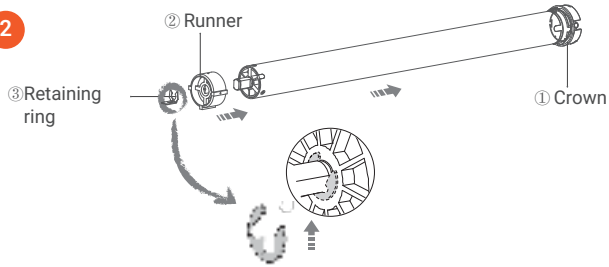

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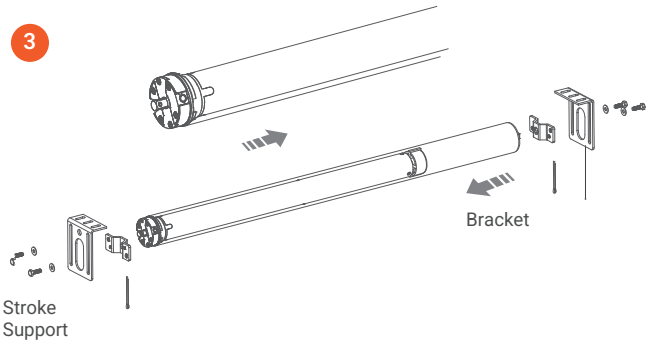
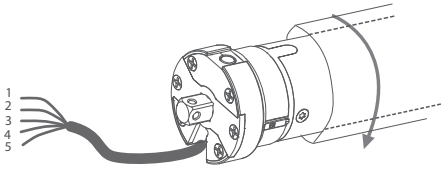


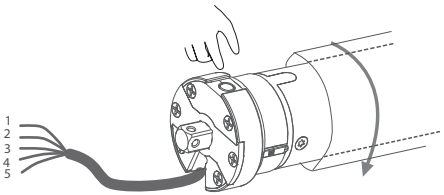
4 See Wiring (Side 3)

Limit position setting

1 Clockwise rotation limit switch setting



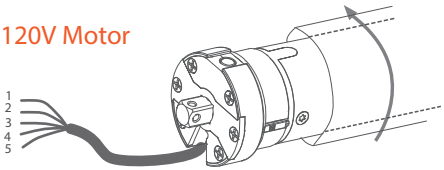
When the black and blue wires are connected to the power supply, the drive adapter rotates clockwise.



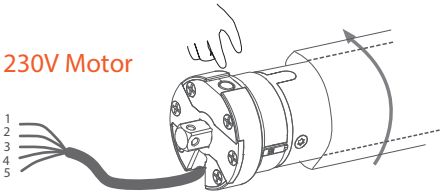
If the drive adapter rotates clockwise or stops (black and blue wires connected), press the limit switch setting button so that the motor rotates clockwise.

2 Counter-clockwise rotation limit switch setting

120V Motor



230V Motor



1

When the brown and blue wires are connected to the power supply, the drive adapter rotates counter-clockwise.

Note: Connection: see wiring (page 3)

Repeat steps two and three to accurately set the clockwise and counter-clockwise limits.

2

If the drive adapter rotates in the opposite direction or stops (brown and blue wires connected), press the limit switch setting button so that the motor rotates in the opposite direction.

3

Loosen the adjustment knob on the limit switch head to confirm the return end position.

Faults and Solutions

No.	Problem	Cause	Solution
1	Motor does not run	Possible short circuit or defective PCB or motor	Contact customer service engineers to set the limit