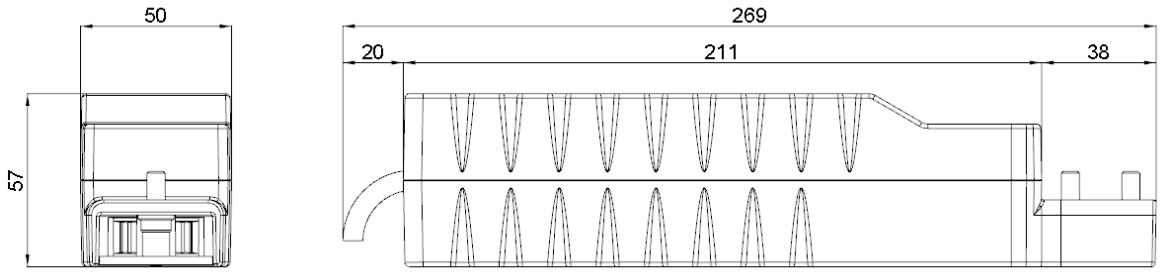
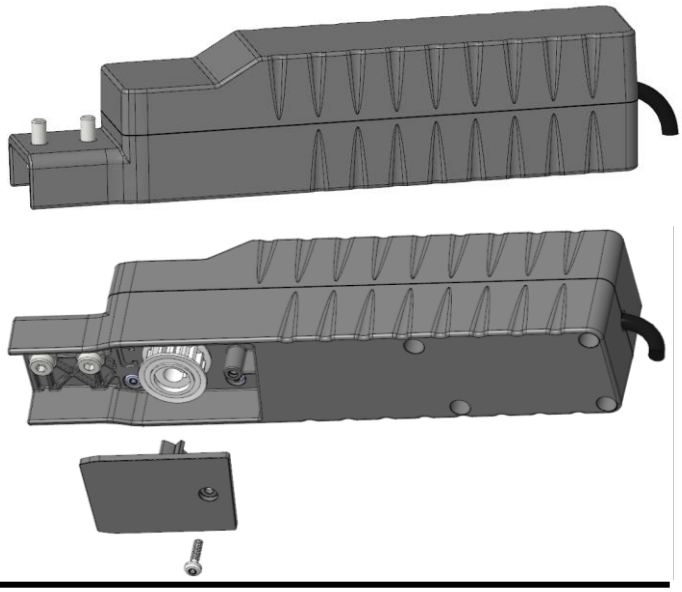
4 MOTOR: DucoSlide < 120 kg

Motor top rail 35/40/2 |G0013109



Technical data

Power supply:	230 VAC ± 10% 50 Hz 50W Internal fuse IF 2A
Size (WxHxL):	50 x 57 x 231 mm
Operating temperature:	-10 °C to 60 °C
IP rating:	IP 54
Max. speed	50 mm/s
Cable	4-core 4 x 1,0 mm² NO EARTHING Length 2,5m
Automatic circuit breaker:	16A (20A)



Intended use

The motor serves as a drive for sliding panels. Correct use also requires compliance with the:
- maximum dimensions and weight of the panels,
- plans and assembly instructions,
- observation of requirements by qualified persons,
- schedules for inspection and maintenance.

Any other use is strictly prohibited.

Protection against intrusion

The motor is not intended for use as protection against intrusion. This product is not a substitute for a specially designed physical intrusion system.

STOP

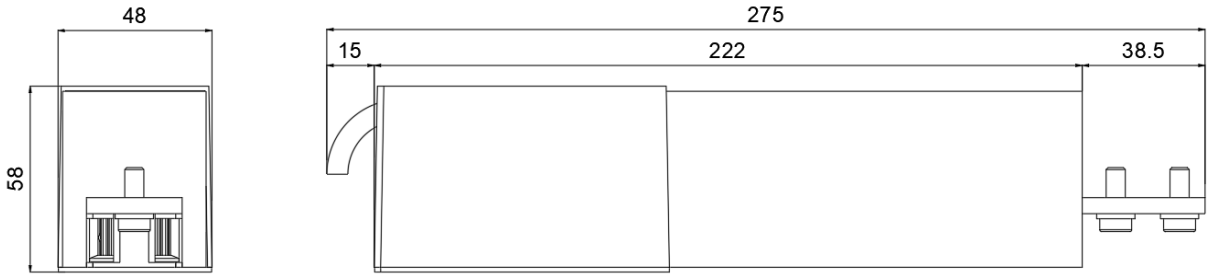
Warning: Hazardous voltage

The motor uses a hazardous voltage and must be connected, installed and uninstalled by authorised personnel with special tools for this purpose.

Ignoring these notes could result in fatal electric shocks.
- Disconnect the electrical supply before starting work.
- Take necessary measures to prevent unauthorised persons from operating the motor.

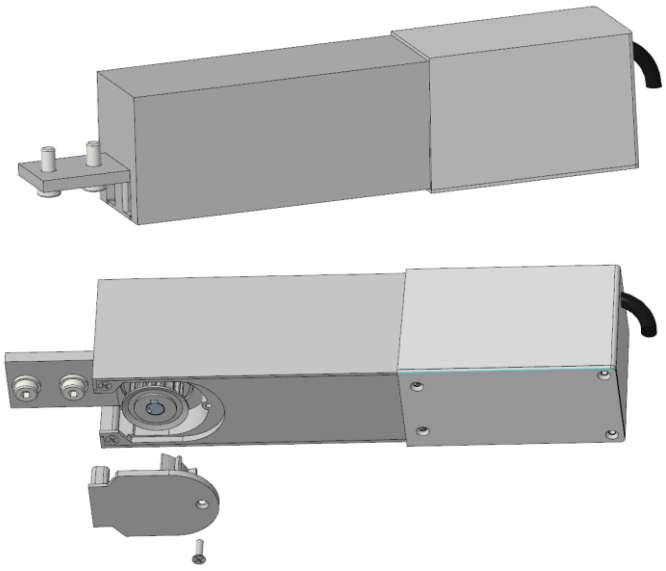
4 MOTOR: DucoSlide < 160 kg

Motor top rail 35/40/2 |G0013110



Technical data

Power supply:	230 VAC ± 10% 50 Hz 50W Internal fuse IF 2A
Size (WxHxL):	48 x 58x 237 mm
Operating temperature:	-10 °C to 60 °C
IP rating:	IP 20
Max. speed	50 mm/s
Cable	4-core 1.5m 4 x 0,75 mm² NO EARTHING
Automatic circuit breaker:	16A (20A)



Intended use

The motor serves as a drive for sliding panels. The motor is designed for use in a shielded outdoor environment and should not come into contact with direct moisture, such as rain.
Correct use also requires compliance with the:
- maximum dimensions and weight of the panels,
- plans and assembly instructions,
- observation of requirements by qualified persons,
- schedules for inspection and maintenance.

Any other use is strictly prohibited.

Protection against intrusion

The motor is not intended for use as protection against intrusion. This product is not a substitute for a specially designed physical intrusion system.

STOP

Warning: Hazardous voltage

The motor uses a hazardous voltage and must be connected, installed and uninstalled by authorised personnel with special tools for this purpose.

Ignoring these notes could result in fatal electric shocks.
- Disconnect the electrical supply before starting work.
- Take necessary measures to prevent unauthorised persons from operating the motor.

Connecting the motor to the test kit

STEP 1:

Mechanical inspection, check to ensure the panels do not meet any obstruction along both top and bottom rails. We recommend doing this by shifting the panel manually and checking for any blockages at each position of the panel.

STEP 2:

Position the shutter panels in the middle of the system.

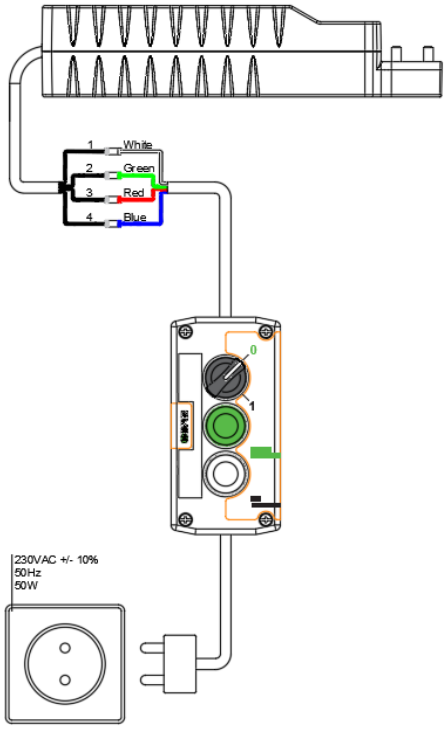
STEP 3:

Connect the motor to the test set according to the connection diagram:

a. Disconnect plug.

b. Turn knob to 0.

- 1 - White (Close L)
- 2 - Green (Open L)
- 3 - Red (L)
- 4 - Blue (N)



STEP 4:

Insert the plug into the socket.

Turn the switch to 1.

Wait about four seconds and then briefly press the green push button.

-> The panels slowly seek their end point.

STEP 5:

Wait two seconds and then briefly press the white pushbutton.

-> The panels slowly seek their end point on the other side.

STEP 6:

The motor stores the end points and is ready for use.

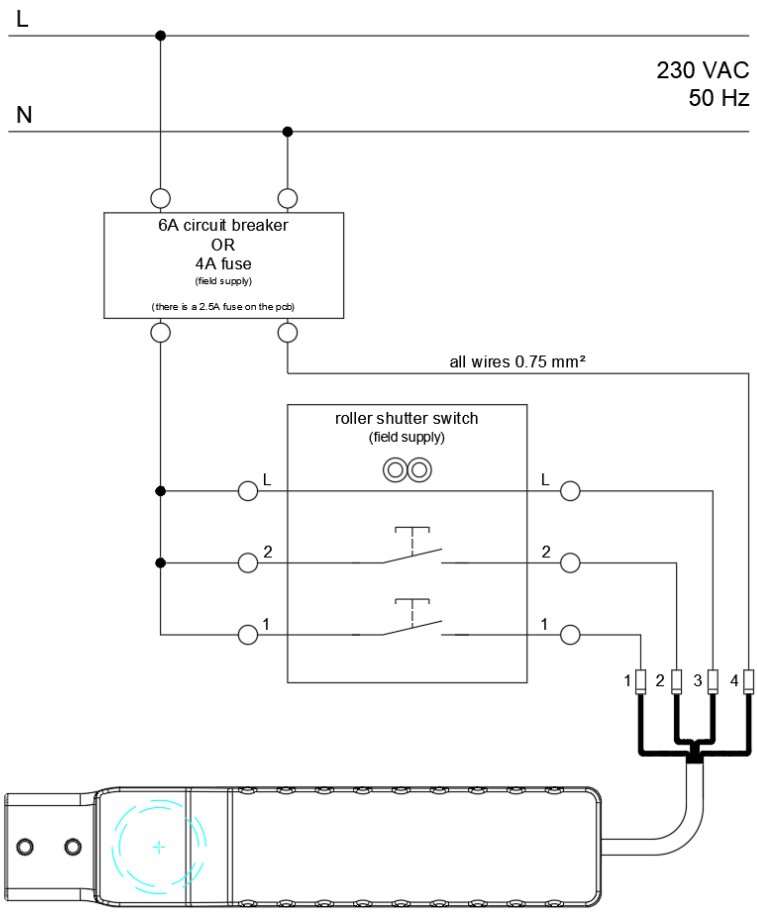
STAP 7:

NOTE

Disconnect the test module and connect the motor to the controller according to the connection diagram on page 14.

See additional note for motor DucoSlide < 160 kg (G0013110) on page 15.

Installing the motor



The mains wires (L and N) come direct from the fuse box.

fuse box
↓
switch
↓
4-core electric motor cable

For the roller shutter switch with a double push-button:

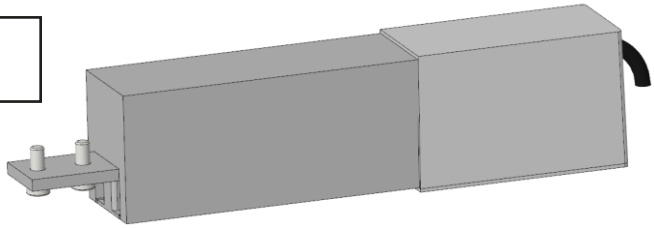
- one push-button to open the shutter panel,
- one push-button to close the shutter panel.

NOTE

The motor must be operated with a pulse of approximately 1 sec.

4 MOTOR

NOTE Only applicable to the motor DucoSlide < 160 kg (G0013110).



- The motor goes through an initialisation cycle during the first five or so operations. This is done with a lower speed of the motor and increased sensitivity of the control. This initialisation cycle serves to determine the end points.
- After this initialisation cycle has been completed, the motor will move with normal speed and power.
- If the control encounters an obstruction, the panel will look for the endpoints again at a lower speed during the next operation. This is to ensure that the obstruction is gone.