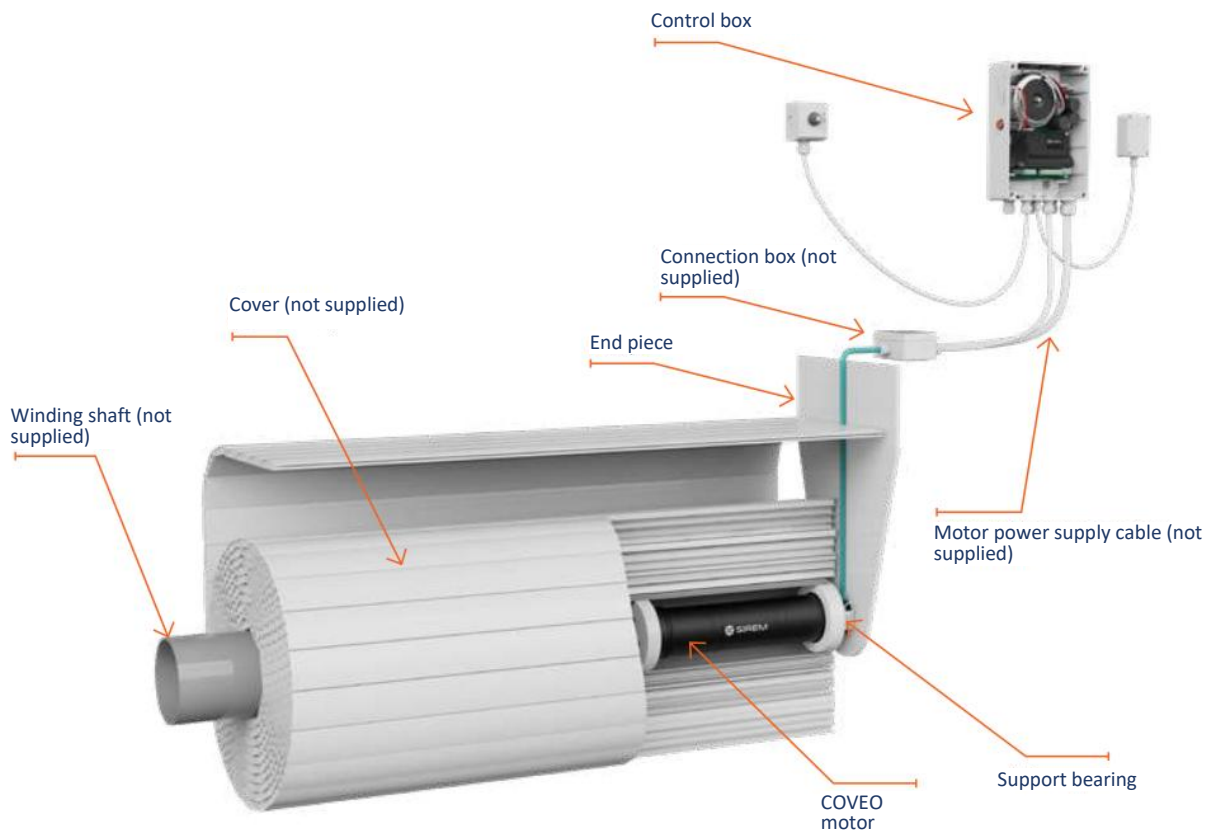




Diagnostics manual

-

40XX Control box Immersed COVEO

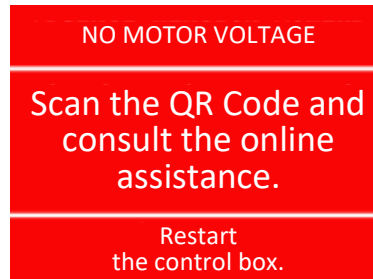


This document will help you to identify the origin of the problem and try to resolve it.
If the problem persists after troubleshooting, we invite you to contact your motorised cover manufacturer.

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1 Diagnostics on the main features with an error message:

1.4 No motor voltage



To summarise: The control box isn't sending voltage to the motor.

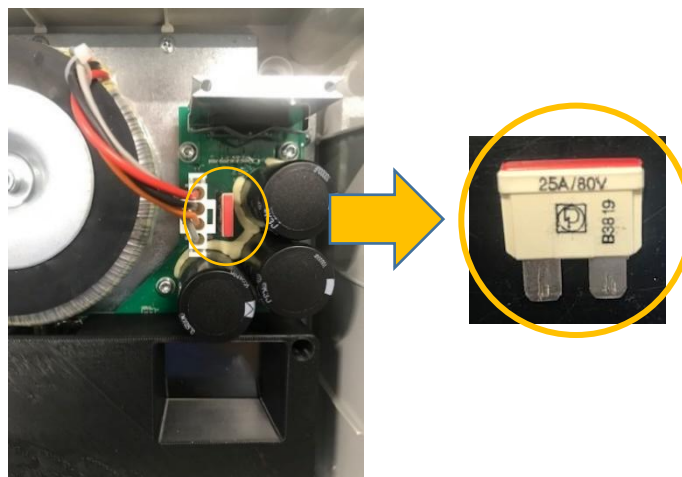
Search for the likely causes:

Is the 25A ATO fuse operational?

You can test it by removing it from its support.

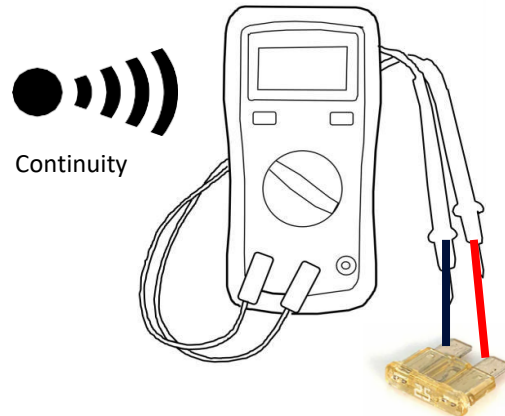
A 25A fuse that catches fire alerts us to a number of possibilities:

- *Jammed cover.*
- *Short-circuit of the motor. Check the junction box.*



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Test its continuity using the multimeter in continuity mode:



NOK - If there is no continuity beep during the test > The fuse is damaged. Replace it and then test again.

We advise you to check that there is no short-circuit downstream. Junction box then motor to find the origin of the fault in the case of no known event during cover movement that would explain the overcurrent (short-circuit).

OK - If there is a continuity beep during the test -> The fuse is OK and still operational.

In this case it is likely that the transformer is damaged.

Check the appearance: No burning.

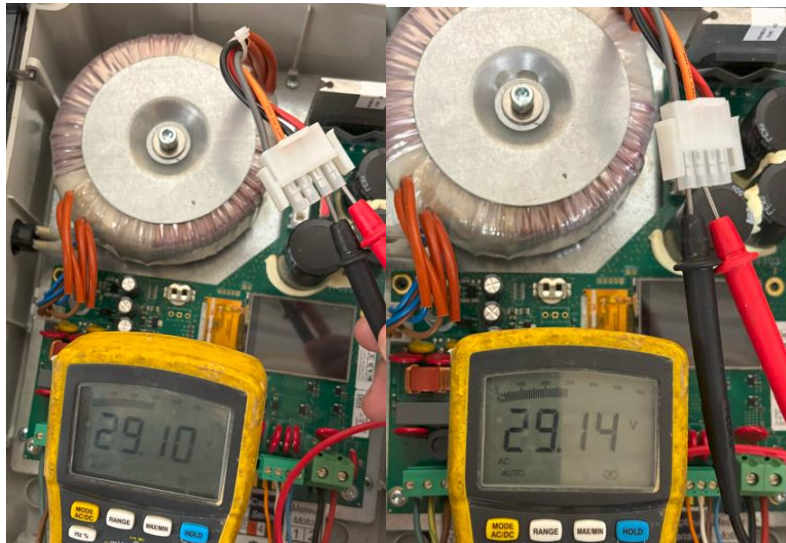


Check the output voltage from the transformer:

Use a multimeter in AC position.

1. Switch off the control box and unplug the transformer.
2. Switch on the control box and check the voltage between the red and black wires.
3. Check the voltage between the orange and grey wires.

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- ➔ Transformer replacement if you have the part or the control box for immediate on-site repair.

If OK: It is possible that one of the components soldered onto the board on the path between the motor power terminal block and the transformer is not working.

- ➔ If identified: you can replace the board or change the control box.

In this case, contact the person who sold you the equipment.

End of the diagnostics