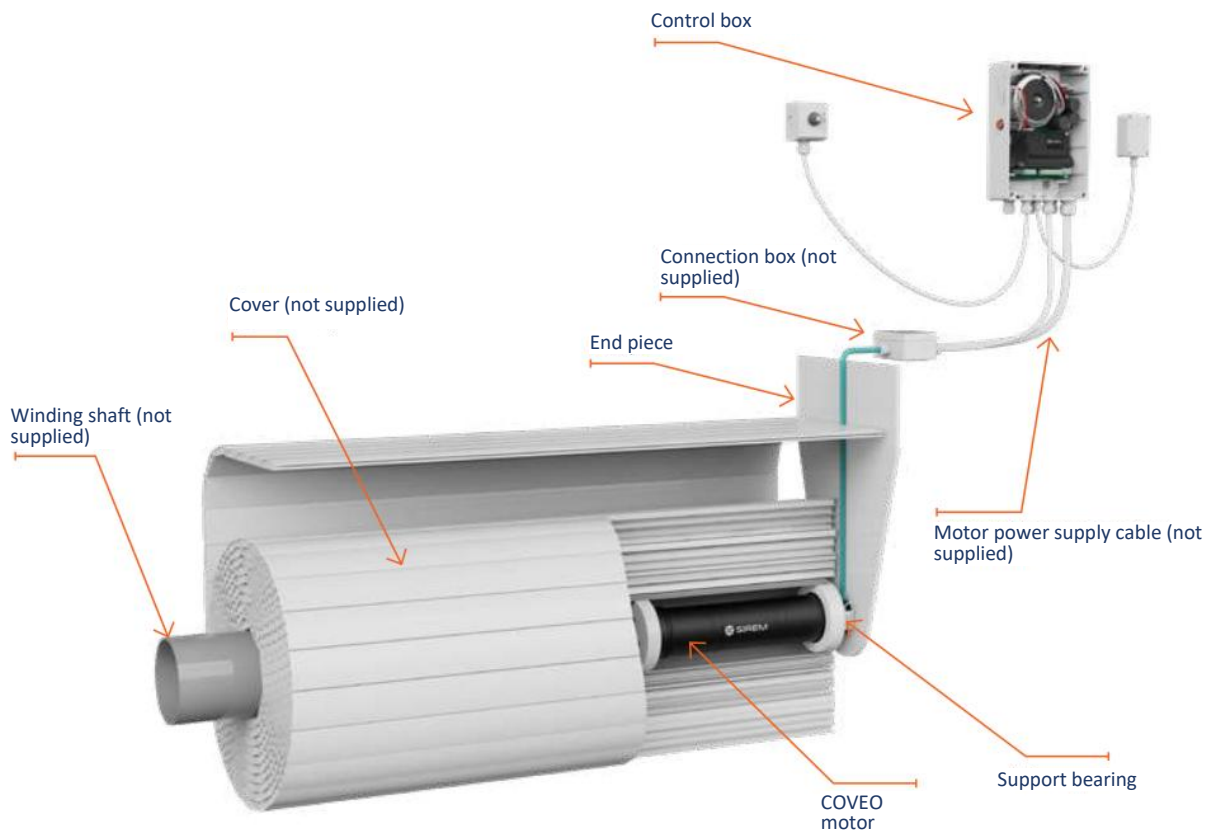




Diagnostics manual

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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.

	Title	COVEO Diagnostics Manual - 4020	Product	COVEO
	Cat.		Instruction	Rev.
			Property of SIREM	

2.3 Motor not connected



The cover no longer moves when the ignition key is activated.

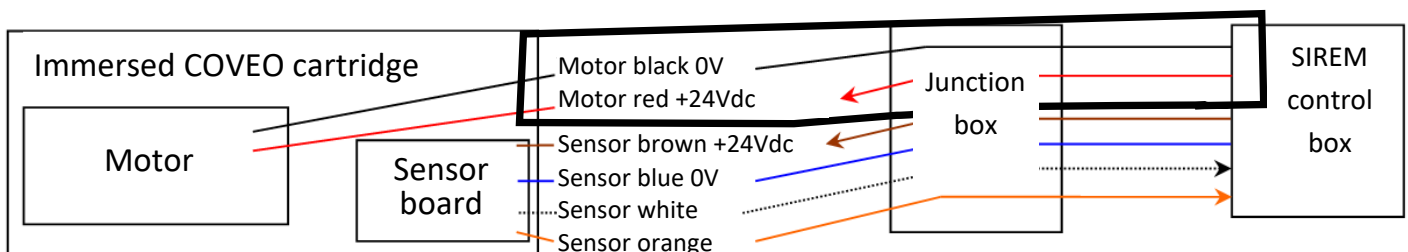
The detection of this fault indicates a motor disconnection.

The control box is sending voltage to the motor but there is no current passing.

You will need to check:

1. That there is no disconnected wire along the cable path from the box to the motor.
2. That the motor is working

Reminder of the basic diagram of electrical exchanges /



Note: Your facility may not be equipped with an intermediate junction box. In this case, there is a direct connection from the box to the COVEO cartridge.

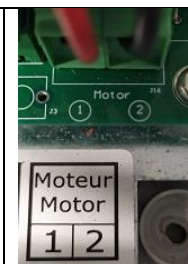
What are the first checks to perform?

At the junction box:

Are the black and red wires correctly screwed to the terminal block (on the copper) and/or tightly clamped to the Wago connectors?

At the control box:

Are the red and black motor wires correctly screwed (on the copper) to the 1-2 motor terminal block of the control box?



Check that the first blade of the cover is not "scraping" the cable (not taut and forms a goose-neck)

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Start of the diagnostics: Look for the faulty element (Motor? Electrical connection?)

With a multimeter in ohmmeter position and the continuity beep

At the junction box, test the black and red wires of the motor => the ohmmeter must beep (there must be continuity).

If the result is not the one given, then contact your retailer for more in-depth motor diagnostics.

At the control box, test the black and red wires of the motor terminal block => the ohmmeter must beep (there must be continuity)

If the result is negative, then the cable path (between the junction box and the control box) is defective.

Test the motor with a battery.

/!\ Be careful with new batteries (for example: Dewalt) that can switch to safety mode!!!

End of the diagnostics