



X2 TECHNOLOGY

A Phoenix Mecano Brand

Single COMPACT-e-3

Single column system (MAX 16 A)

User manual





Important information

Read the user manual before installing and using the system.

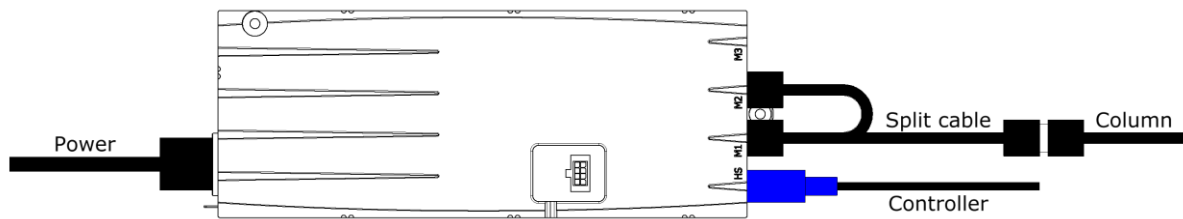
- The power cable must be unplugged while the COMPACT-e-3 control box is being mounted to a surface.
- All COMPACT-e-3 control boxes are preprogrammed by Phoenix Mecano AB at delivery. Please follow the installation instructions precisely as presented in this document. Incorrect installation may require reprogramming of the control box which can only be done using approved computer software. Contact Phoenix Mecano AB if the system has been installed incorrectly.
- Only qualified technicians may install the COMPACT-e-3 control box.
- Be aware that there is a higher risk of pinching during the initial installation and when resetting the system.
- Only use approved cables from Phoenix Mecano AB. Install the system in a way that protects the cables from damage. Use cable strain reliefs in applications where the cables can be disturbed.
- After correctly installing, do not press the up or down button on the controller with any of the cables disconnected or plugged into the wrong ports. Using the system with any of the cables disconnected or plugged into the wrong ports may damage the COMPACT-e-3 control box.
- The COMPACT-e-3 control box is not designed for continuous operation. Using the system without interruption must not exceed the duty cycle (2min on / 18min off) indicated on the type label. Specific technical data for the COMPACT-e-3 control box can be found in the datasheet which is available on our website.
- In the event of an error, whenever the system attempts to adjust the height it may move slightly before the safety cut-out is triggered. Please note that there is a higher risk of pinching in this case.
- Do not open the COMPACT-e-3 control box under any circumstances.
- Do not expose the COMPACT-e-3 control box to moisture, drips or splashes.

Initial installation instructions

Read the entire steps before following the instructions.

1. Plug the controller into the port labelled "HS" on the COMPACT-e-3 control box.
2. Plug the primary male connector of the split cable into the port labelled "M1" on the control box. Plug the secondary male connector of the split cable into the port labelled "M2" on the control box. Plug the column into the female connector of the split cable. Use an extension cable between the column and the split cable if necessary.
3. Connect the control box to mains power. The box will produce two clicking sounds.
4. Press and hold the down button on the controller. The column will retract to its bottom end limit and then extract a short distance. When the column has stopped moving, the down button can be released. The system is now installed and ready to be used.

Wiring illustration



Troubleshooting guide

| Error case | Possible causes | Solutions |
|---|--|--|
| System is only usable in one direction. | <ol style="list-style-type: none">1. A power outage has occurred.2. The control box has been disconnected and reconnected to mains power.3. One or several of the cables, the control box, the column or the controller is defective. | <ol style="list-style-type: none">1. Reset the system by following step 4 of the installation instructions.2. Reset the system by following step 4 of the installation instructions.3. Contact Phoenix Mecano AB. |
| System is not usable in any direction. | <ol style="list-style-type: none">1. The control box is disconnected from mains power.2. The column is disconnected from the control box.3. The controller is disconnected from the control box.4. The control box has reached its maximum duty cycle and is disabled.5. One or several of the cables, the control box, the column or the controller is defective. | <ol style="list-style-type: none">1. Connect the control box to mains power and reset the system by following step 4 of the installation instructions.2. Connect the column to the control box by following step 2 of the installation instructions.3. Plug the controller into the control box.4. Wait 18 minutes before attempting to use the system again.5. Contact Phoenix Mecano AB. |

End of life disposal



The COMPACT-e-3 control box is classified as electrical or electronic equipment according to directive 2002/96/EC and is therefore marked with the symbol depicted on the left.

To ensure eco-friendly disposal of all the control box components, please separate the plastic and electronic parts for collection. Also ensure eco-friendly disposal of all the other components in the system (i.e. cables, columns, etc.).

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Made in Sweden



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