



Danfoss MCX08M2 Documentation Optyma Inverter Instructions

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Danfoss MCX08M2 Documentation Optyma Inverter



Product Information

Specifications

- Model: OptymaTM INVERTER MCX08M2 – 24 V (PN 080G0310)
- Language: English

Product Usage Instructions

Step 1: Replacing the MCX Controller

Before configuring the parameters, you need to replace your old MCX controller with the new one. Follow these steps:

1. Turn off the power supply to the system.
2. Disconnect any cables connected to the old MCX controller.
3. Remove the old MCX controller from its mounting position.
4. Take the new OptymaTM INVERTER MCX08M2 – 24 V (PN 080G0310) and place it in the same mounting position.
5. Connect the necessary cables to the new MCX controller.
6. Turn on the power supply to the system.

Step 2: Configuring Parameters

After replacing the MCX controller, you need to configure the parameters for the optimal functioning of your OptymaTM INVERTER. Follow these steps:

1. Press the “Arrow UP” button (#1) on the display to navigate up.
2. Press the “Arrow DOWN” button (#2) on the display to navigate down.
3. Press the “Arrow RIGHT” button (#3) on the display to navigate to the next parameter.

4. Press the “Arrow LEFT” button (#4) on the display to navigate to the previous parameter.
5. Press the “Enter-OK” button (#5) on the display to select and confirm a parameter.
6. Press the “Exit-Cancel” button (#6) on the display to exit or cancel the configuration process.
7. Refer to the user manual for specific parameter settings and values.

Step 3: Customization (Optional)

If required, you can customize certain parameters to fit your specific system. Follow these steps:

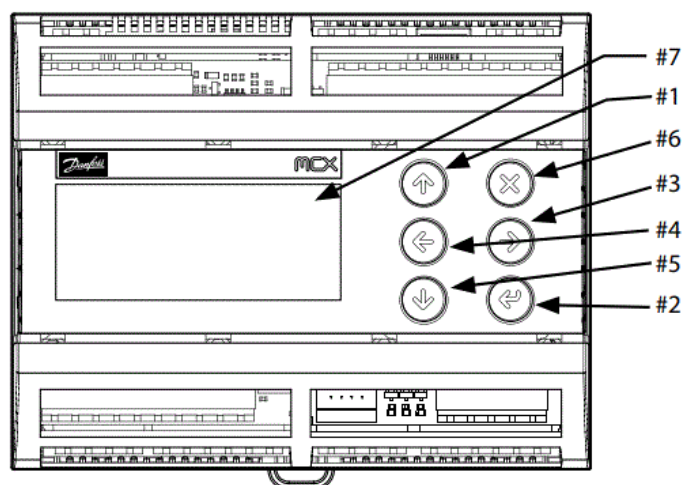
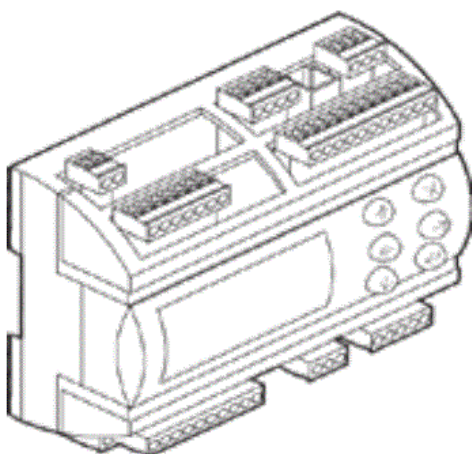
1. Navigate to the desired parameter using the arrow buttons (#1, #2, #3, #4).
2. Press the “Enter-OK” button (#5) to select the parameter.
3. Use the arrow buttons (#1, #2, #3, #4) to modify the parameter value.
4. Press the “Enter-OK” button (#5) to confirm the new value.

FAQ:

- Q: Can I use the old MCX controller with the Optyma™ INVERTER?
A: No, you need to replace your old MCX controller with the new Optyma™ INVERTER MCX08M2 – 24 V (PN 080G0310) for proper functioning.
- Q: How do I navigate through the parameters?
A: You can use the arrow buttons (#1, #2, #3, #4) on the display to navigate up, down, right, and left respectively.
- Q: How do I select and confirm a parameter?
A: Press the “Enter-OK” button (#5) on the display to select and confirm a parameter.
- Q: How do I exit or cancel the configuration process?
A: Press the “Exit-Cancel” button (#6) on the display to exit or cancel the configuration process.

Instructions

Optyma™ INVERTER MCX08M2 – 24 V (PN 080G0310)



1. Arrow UP
2. Arrow DOWN
3. Arrow RIGHT
4. Arrow LEFT

5. Enter-OK
6. Exit-Cancel
7. Display

Right after replacing your old MCX controller with the new one, you need to follow the steps below to configure the parameters for the perfect functioning of your Optyma™ INVERTER:

1. Press Enter (#5) to access Parameter's page;
2. Using arrows UP and DOWN (#1 & #2) select parameter Set Point Temperatura;
3. Press OK (#5);
4. Using arrows UP, DOWN, RIGHT and LEFT (#1, #2, #3 & #4) set the desired value for the parameter;
5. Press OK (#5);
6. Press Cancel (#5) twice to return to the Initial page;
7. Repeat the procedure to set values to the rest of the parameters (Temperatura de Condensação or Delta de Condensação Flutuante, Fluido Refrigerante, and any other parameter changed by the customer to fit their system).

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Any information, including, but not limited to information on the selection of the product, its application or use, product design, weight, dimensions, capacity, or any other technical data in product manuals, catalog descriptions, advertisements, etc., and whether made available in writing, orally, electronically, online or via download, shall be considered informative and is only binding if and to the extent, explicit reference is made in a quotation or order confirmation. Danfoss cannot accept any responsibility for possible errors in catalogs, brochures, videos, and other material. Danfoss reserves the right to alter its products without notice. This also applies to products ordered but not delivered provided that such alterations can be made without changes to the form, fit or function of the product. All trademarks in this material are property of Danfoss A/S or Danfoss group companies. Danfoss and the Danfoss logo are trademarks of Danfoss A/S. All rights reserved.

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Documents / Resources

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References

- [User Manual](#)

Manuals+.