



**ACCMMR electronic controller**

ACCMMR allows to connect up to two MMI user interface giving them therequired power supply.

ACCMMR has 24Vac or 230Vac power supply and DIN rail mounting


REFRIGERATION &  
AIR CONDITIONING DIVISION

Protection degree



CAN bus





Danfoss Electronics spa

Viale Venezia, 59  
31020 San Vendemiano  
(TV) Italy

Tel: +39 0438 336611  
Fax: +39 0438 336699

info@danfosselectronics.com  
www.danfossselectronics.com

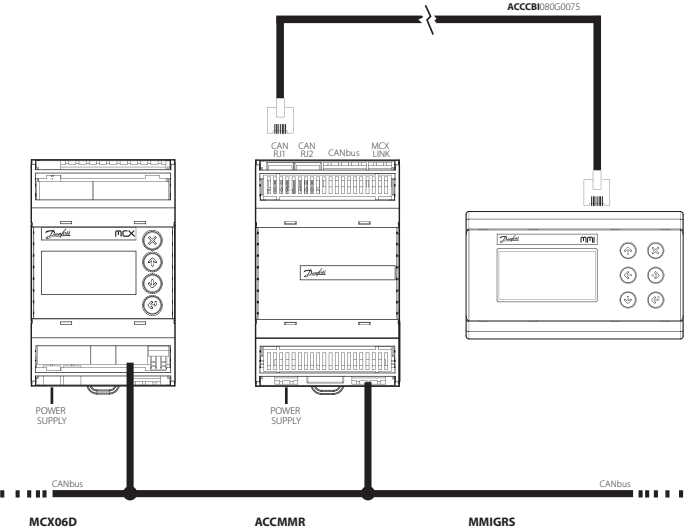
Danfoss can accept no responsibility for possible errors in catalogues, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alternations can be made without subsequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and Danfoss logotype are trademarks of Danfoss A/S. All rights reserved

GENERAL FEATURES

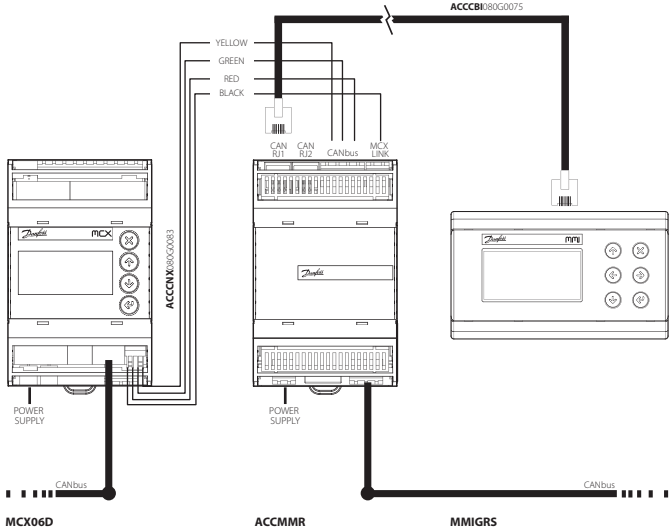
ACCMMR	
OTHERS	
Internal protection device	PTC thermistor
CANbus	•
Dimensions (DIN modules)	4
Mounting	DIN bar

NETWORK DIAGRAM

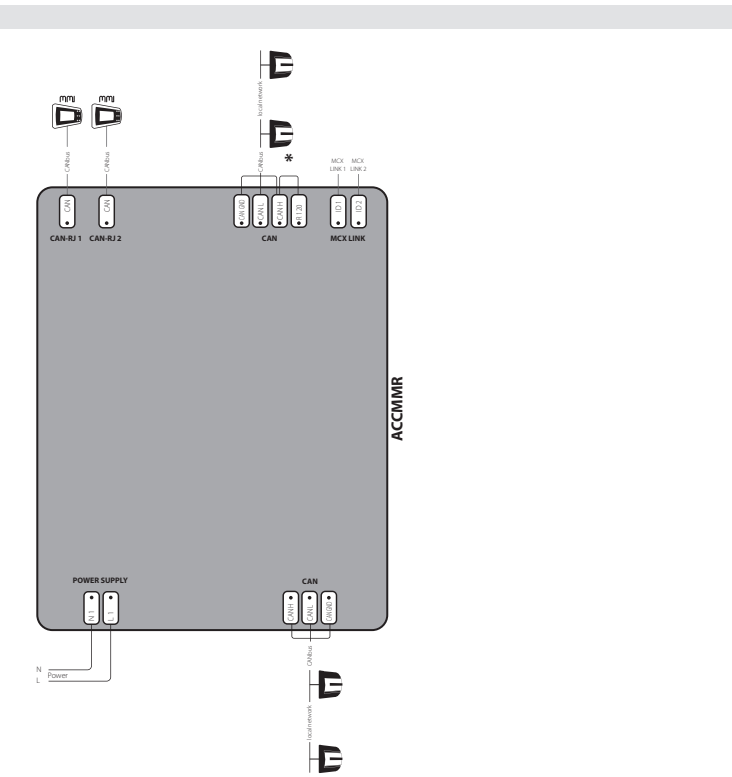
MMIGRS REMOTE CONNECTION



DIRECT CONNECTION BETWEEN MMIGRS AND MCX06



CONNECTION DIAGRAM



\*NOTE: connection has to be made on the first and last local network units.  
Make the connection as close as possible to the connector

GENERAL FEATURES AND WARNINGS

PLASTIC HOUSING FEATURES

- DIN rail mounting complying with EN 60715
- Self extinguishing V0 according to IEC 60695-11-10 and glowing/hot wire test at 960°C according to IEC 60695-2-12
- Ball test: 125°C according to IEC 60730-1. Leakage current: ≥ 250V according to IEC 60112

OTHER FEATURES

- Operating conditions CE: -20T70, 90% RH non-condensing
- Storage conditions: -30T80, 90% RH non-condensing
- To be integrated in Class I and/or II appliances
- Index of protection: IP40 only on the front cover
- Period of electric stress across insulating parts: long
- Suitable for using in a normal pollution environment
- Category of resistance to heat and fire: D
- Immunity against voltage surges: category II
- Software class and structure: class A

CE COMPLIANCE

This product is designed to comply with the following EU standards:

- Low voltage guideline: 73/23/EEC
- Electromagnetic compatibility EMC: 89/336/EEC and with the follwing norms:
  - EN61000-6-1, EN61000-6-3 (immunity for residential, commercial and ligh-industrial environments)
  - EN61000-6-2, EN61000-6-4 (immunity and emission standard for industrial environments)
  - EN60730 (Automatic electrical controls for household and similar use)

GENERAL WARNINGS

- Every use that is not described in this manual is considered incorrect and is not authorised by the manufacturer
- Verify that the installation and operating conditions of the device respect the ones specified in the manual, specially concerning the supply voltage and environmental conditions
- This device contains live electrical components therefore all the service and maintenance operations must be performed by qualified personnel
- The device can't be used as a safety device
- Liability for injury or damage caused by the incorrect use of the device lies solely with the user

INSTALLATION WARNINGS

- The installation must be executed according the local standards and legislations of the country
- Always operate on the electrical connections with the device disconnected from the main power supply
- Before carrying out any maintenance operations on the device, disconnect all the electrical connections
- For safety reasons the appliance must be fitted inside an electrical panel with no live parts accessible
- Don't expose the device to continuous water sprays or to relative humidity greater than 90%. Avoid exposure to corrosive or pollutant gases, natural elements, environments where explosives or mixes of flammable gases are present, dust, strong vibrations or chock, large and rapid fluctuations in ambient temperature that in combination with high humidity can condensate, strong magnetic and/or radio interference (e.g. transmitting antennae)
- When connecting loads beware of the maximum current for each relay and connector
- Use appropriate data communication cables. Refer to the Fieldbus Installation Guide for the kind of cable to be used and setup recommendations
- Reduce the path of the probe and digital inputs cables as much as possible, and avoid spiral paths enclosing power devices. Separate from inductive loads and power cables to avoid possible electromagnetic noises
- Avoid touching or nearly touching the electronic components fitted on the board to avoid electrostatic discharges

CONNECTIONS

- CAN-RJ1 connector  
6/6 way telephone RJ11 plug type
- CAN-RJ2 connector  
6/6 way telephone RJ11 plug type
- CAN connector  
4 way screw plug-in connector type pitch 5mm: section cable 0.2-2.5mm²
- MCX Link connector  
2 way screw plug-in connector type pitch 5mm: section cable 0.2-2.5mm²
- Power supply connector  
2 way screw plug-in connector type pitch 5mm: section cable 0.2-2.5mm²
- CAN connector  
3 way screw plug-in connector type pitch 5mm: section cable 0.2-2.5mm²

PRODUCT PART NUMBERS

CODE	DESCRIPTION
080G0011	ACCMMR, 24V, S
080G0052	ACCMMR, 230V, S