



Technical brochure

ACCMMR connecting module



Danfoss' range of universal MCX programmable controllers offers the functionality and reliability you need to get the best out of your heating, ventilation, air-conditioning and refrigeration (HVAC/R) equipment. With the MCX range, Danfoss is widening the concept of programmability and applying it to as many environments as possible

ACCMMR allows to connect up to two MMI user interface giving them the required power supply. ACCMMR has 24 Vac or 230 Vac power supply and DIN rail mounting

Features ACCMMR

- Dimensions 4 DIN modules
- Power supply 24 Vac or 230 Vac
- Three CANbus connectors to allow the connections of 2 remote MMI to the MCX CANbus network
- Available only without display

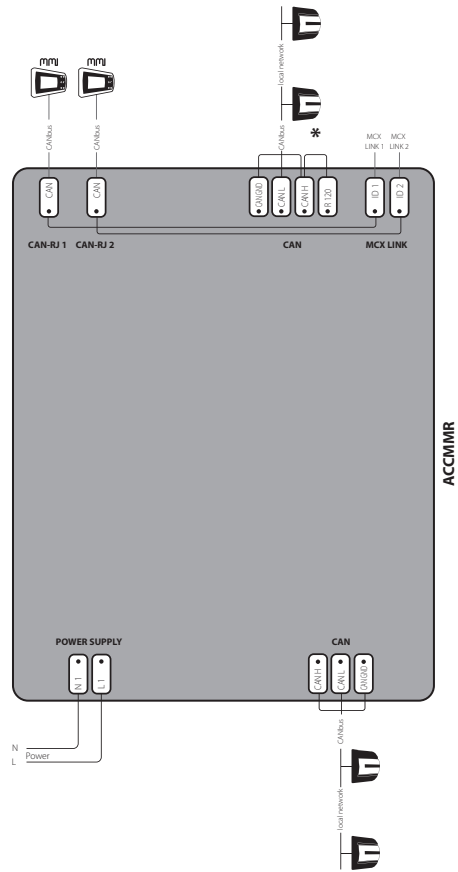


General features

FEATURES	DESCRIPTION
Power supply	24 Vac or 230 Vac, maximum power consumption: 3 VA
Plastic housing	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: \geq 250 V according to IEC 60112
Operating conditions	CE: -20T70, 90% RH non-condensing
Storage conditions	-30T80, 90% RH non-condensing
Integration	In Class I and/or II appliances
Index of protection	IP40 only on the front cover
Period of electric stress across insulating parts	Long
Resistance to heat and fire	Category D
Immunity against voltage surges	Category II
Software class and structure	Class A
Approvals	<p>CE compliance: This product is designed to comply with the following EU standards:</p> <ul style="list-style-type: none"> - Low voltage guideline: 73/23/EEC - Electromagnetic compatibility EMC: 89/336/EEC and with the following norms: <ul style="list-style-type: none"> • EN61000-6-1, EN61000-6-3 (immunity for residential, commercial and light-industrial environments) • EN61000-6-2, EN61000-6-4 (immunity and emission standard for industrial environments) • EN60730 (Automatic electrical controls for household and similar use)

ACCMMR

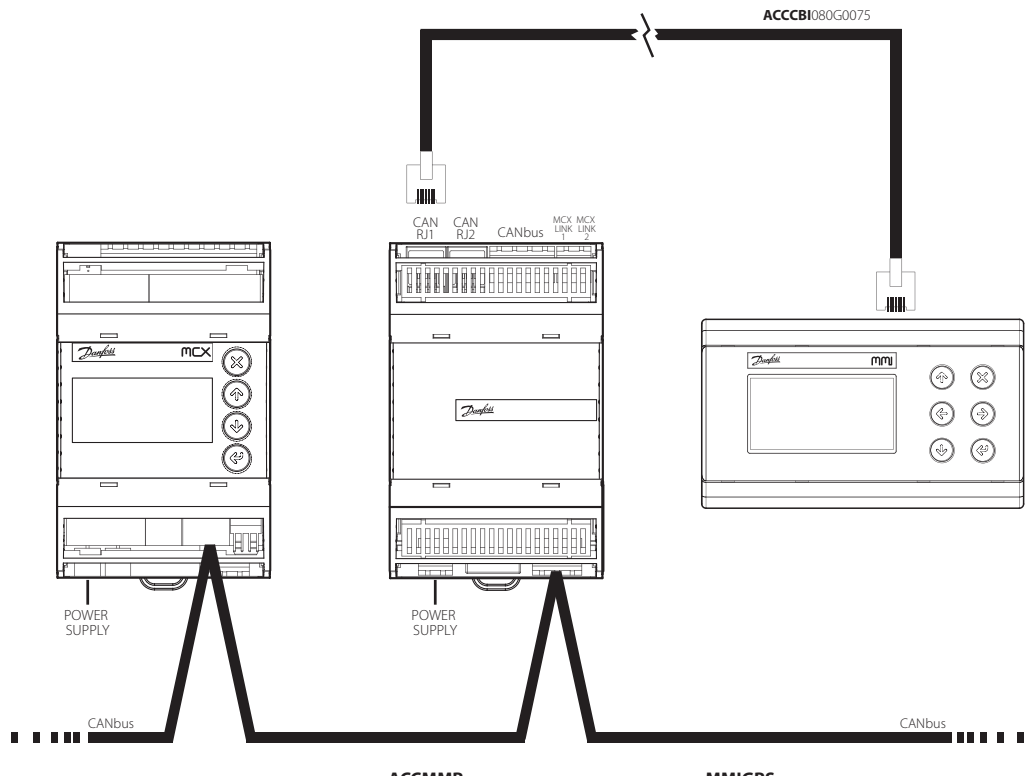
Connection diagram



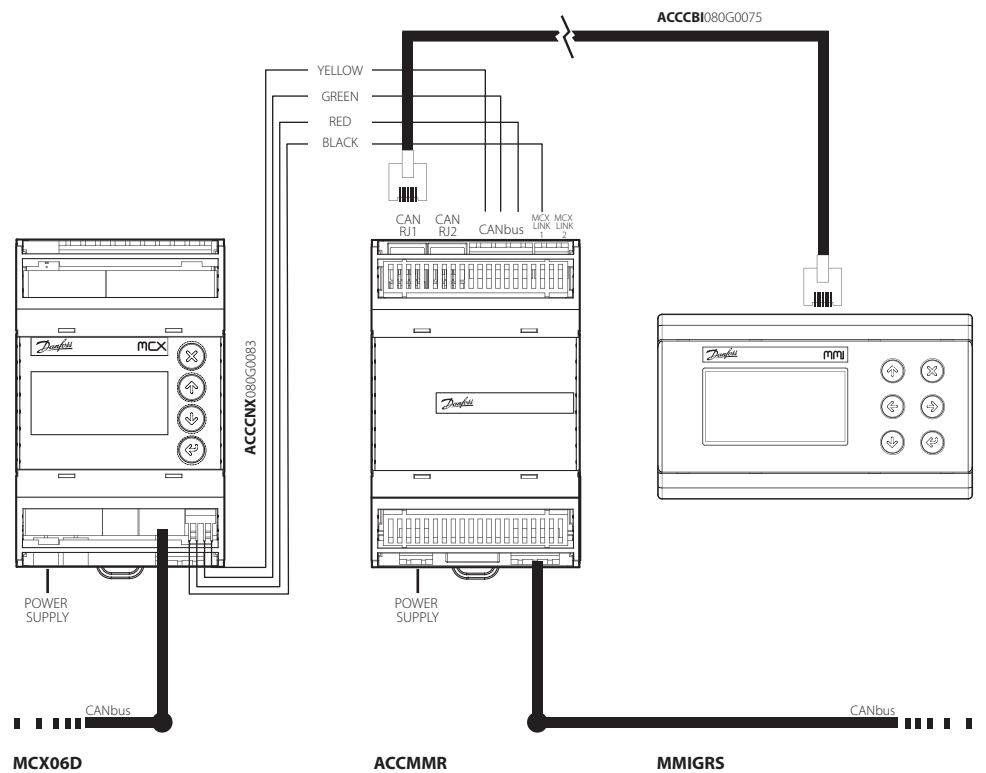
**NOTE: connection has to be made on the first and last local network units. Make the connection as close as possible to the connector*

ACMMR

**Network diagram:
MMIGRS remote connection**



**direct connection between
MMIGRS and MCX06**

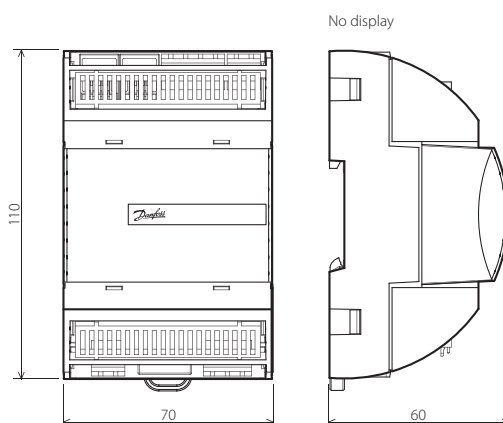


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Connection

CONNECTORS	TYPE	DIMENSIONS
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 5 mm - section cable 0.2-2.5 mm ²
MCX Link connector	2 way screw plug-in connector type	- pitch 5 mm - section cable 0.2-2.5 mm ²
Power supply connector	2 way screw plug-in connector type	- pitch 5 mm - section cable 0.2-2.5 mm ²
CAN connector	3 way screw plug-in connector type	- pitch 5 mm - section cable 0.2-2.5 mm ²

Dimensions



Ordering

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

(S): Single Pack

Note: Single pack include standard kit connectors

Industrial pack codes are available on request (these do not include standard kit connectors)

Accessories

DESCRIPTION	CODE NR.
ACCMMR CONNECTORS KIT	080G0184
ACCCBI, TELEPHONE CABLE USER INTERFACE CONNECTOR, 0.8m CABLE	080G0074
ACCCBI, TELEPHONE CABLE USER INTERFACE CONNECTOR, 1.5m CABLE	080G0075
ACCCBI, TELEPHONE CABLE USER INTERFACE CONNECTOR, 3m CABLE	080G0076
ACCCBI, TELEPHONE CABLE USER INTERFACE CONNECTOR, 6m CABLE	080G0077
ACCCNX, WIRED CONNECTORS FOR MCX06D TO MMIGRS, 2m CABLE	080G0083