

Data sheet

# MMIMYK

## Programmable controller



MMIMYK is the advanced "all in one" device that performs up to three different functions:

- Programming module
- Gateway
- Data logger

It has a bright graphic display and a keyboard that enable to configure the module to run several functions.

It has also a slot for MMC card (Multi Media Card) to extend the memory capacity

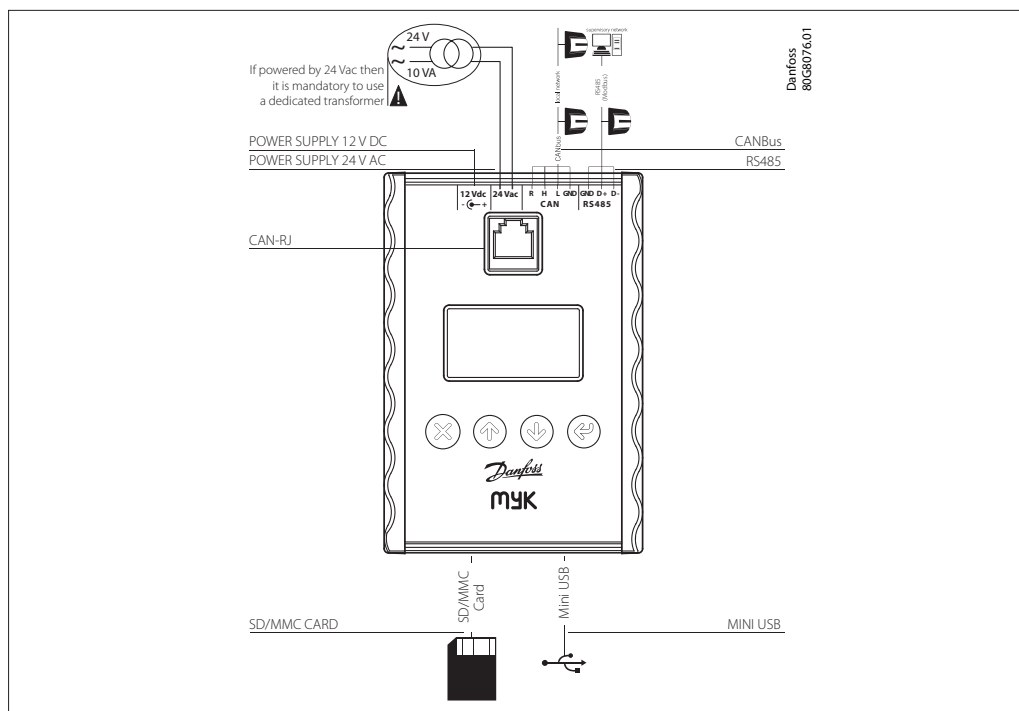
### Features MMIMYK

- Full graphic OLED display, 128x64 dots resolution
- Easy connection to MCX CANbus network through telephone plug
- MMC card slot for easy software upload and datalogging
- Modbus RS485 serial interface
- Powered by the MCX which it is connected to or the other way round
- Can execute an application like any MCX device
- Dimensions 105x72 mm
- Mounting DIN rail or portable

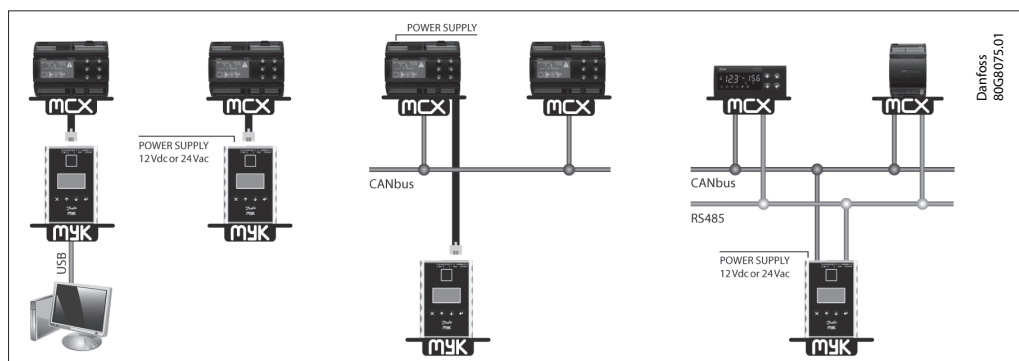
**General features**

FEATURES	DESCRIPTION
Power supply	From the MCX through the RJ11 telephone connector
	12 V DC (from DC connector)
	24 V AC (from screw plug-in connector type pitch 3.5 mm): on this supply it is advisable to use a dedicated transformer 24 V AC-10 V A It is mandatory if MMIMYK is connected to devices without insulation between power supply and extra-low voltage such as EXD316
	From USB 2.0 (maximum 500 mA)
Plastic housing	DIN rail mounting complying with EN 60715
Ball test	125 °C according to IEC 60730-1 Leakage current: ≥250 V according to IEC 60112
Operating conditions	CE: -20T60, 90% RH non-condensing
Storage conditions	-30T80, 90% RH non-condensing
Integration	In Class I and/or II appliances
Index of protection	IP20 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 I
Software class and structure	Class A
Approvals	CE compliance: This product is designed to comply with the following EU standards: <ul style="list-style-type: none"> <li>• Low voltage guideline: 73/23/EEC</li> <li>• Electromagnetic compatibility EMC: 89/336/EEC and with the following norms: <ul style="list-style-type: none"> <li>– EN61000-6-1, EN61000-6-3 (immunity for residential, commercial and light-industrial environments)</li> <li>– EN61000-6-2, EN61000-6-4 (immunity and emission standard for industrial environments)</li> <li>– EN60730 (Automatic electrical controls for household and similar use)</li> </ul> </li> </ul>

Connection diagram



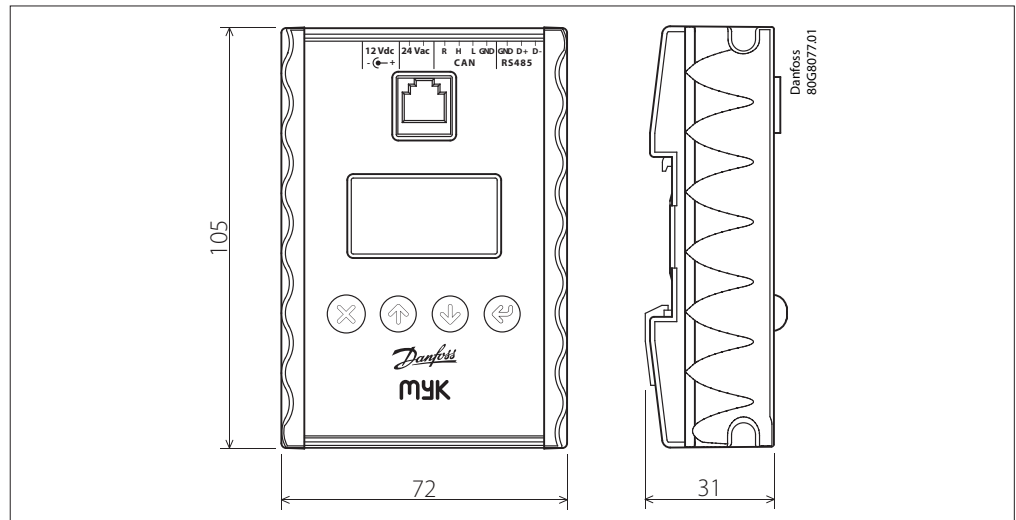
Connection diagram



Connection

CONNECTORS	TYPE	DIMENSIONS
CAN-RJ connector	6/6 way telephone RJ11 plug type	• pitch 2 mm
Power supply connector	DC JACK type	• Ø 3.5 x 1.3 mm
Power supply 24 V AC connector	2 way screw plug-in connector type	• pitch 3.5 mm • section cable 0.08-1.5 mm <sup>2</sup>
CAN connector	4 way screw plug-in connector type	• pitch 3.5 mm • section cable 0.08-1.5 mm <sup>2</sup>
RS485 connector	3 way screw plug-in connector type	• pitch 3.5 mm • section cable 0.08-1.5 mm <sup>2</sup>
USB connector	Mini type B	
MMC connector	For memory card MMC type	• up to 2 GB

**Dimensions**



**User interface**

TYPE	FEATURES	DESCRIPTION
OLED display	Display	Graphic OLED
	Format	128x64 dots
	Active visible area	35x17.5 mm
Keyboard	Number of keys	4
	Keys function	Set by the application software
Memory	Internal	2 MB
	MMC	Expansion slot (Multi Media Card) up to 2 GB

**Product part numbers**

DESCRIPTION	CODE NO.
MMIMYK, PC/MCX INTERFACE AND MCX PROGRAMMING, DATA LOGGING, S	080G0073

Note: single pack codes (S) don't include standard kit connectors