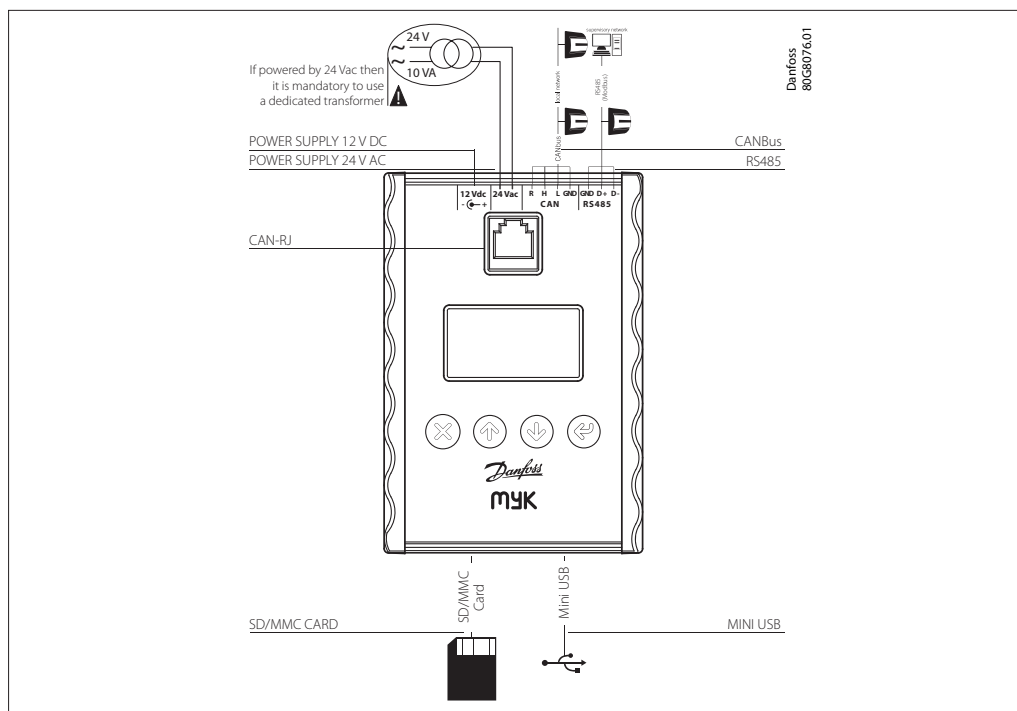




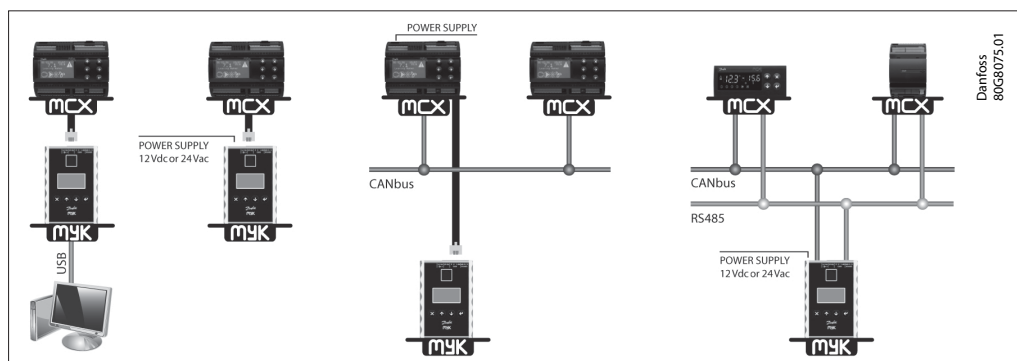
**General features**

FEATURES	DESCRIPTION
<b>Power supply</b>	From the MCX through the RJ12 telephone connector
	12 V DC (from DC connector)
	24 V AC SELV (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)
<b>Plastic housing</b>	DIN rail mounting complying with EN 60715
<b>Ball test</b>	125 °C according to IEC 60730-1 Leakage current: ≥250 V according to IEC 60112
<b>Operating conditions</b>	CE: -20T60, 90% RH non-condensing
<b>Storage conditions</b>	-30T80, 90% RH non-condensing
<b>Integration</b>	In Class I and/or II appliances
<b>Index of protection</b>	IP20 only on the front cover
<b>Period of electric stress across insulating parts</b>	Long
<b>Resistance to heat and fire</b>	Category D
<b>Immunity against voltage surges</b>	Category I
<b>Software class and structure</b>	Class A
<b>Approvals</b>	CE mark This product is designed to comply with the following EU standards: <ul style="list-style-type: none"> <li>• Electromagnetic compatibility EMC directive 2014/30/EU: <ul style="list-style-type: none"> <li>– EN 61000-6-4: 2007 +A1: 2011 (Emissions standard for industrial environments)</li> <li>– EN 61000-6-2: 2005 (Immunity for industrial environments)</li> </ul> </li> <li>• RoHS directive 2011/65/EU and 2015/863/EU: <ul style="list-style-type: none"> <li>– EN50581: 2012</li> </ul> </li> </ul>

Connection diagram



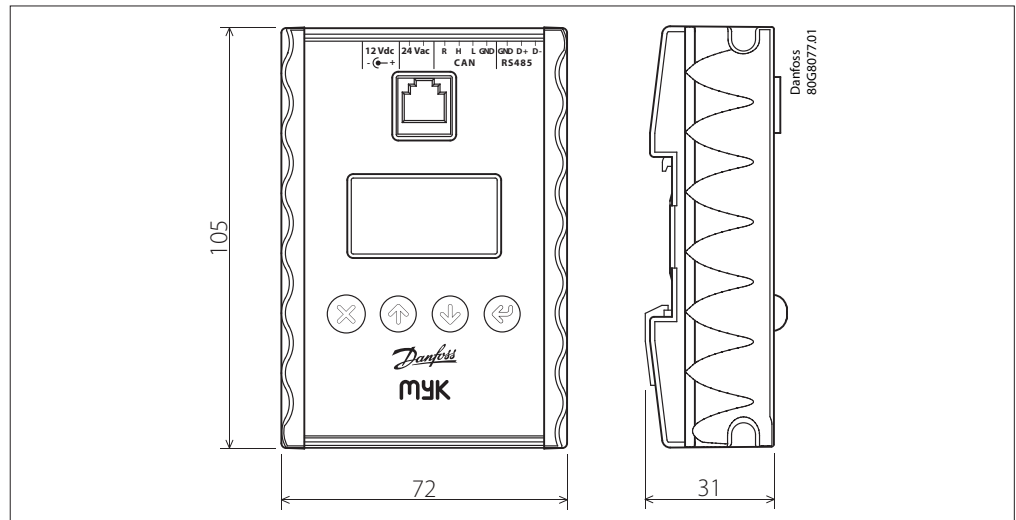
Connection diagram



Connection

CONNECTORS	TYPE	DIMENSIONS
CAN-RJ connector	6/6 way telephone RJ12 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	
SD/MMC connector	For memory card SD/MMC type	• up to 2 GB

**Dimensions**



**User interface**

TYPE	FEATURES	DESCRIPTION
OLED display	Display	Graphic OLED
	Format	128 x 64 dots
	Active visible area	35 x 17.5 mm
Keyboard	Number of keys	4
	Keys function	Set by the application software
Memory	Internal	2 MB
	SD/MMC	Expansion slot (SD/Multi Media Card) up to 2 GB

**Product part numbers**

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