



Control panel

MMILDS

Electronic controller suitable for all HVAC/R software application needs.



Description

MMILDS is MCX's family remote interface. It's fitted with a LED display for displaying data from a MCX or from 2 probes that can be locally connected. The connection with any MCX controller is through the CAN bus network. The power supply comes from controller which it is connected. All the information about the user interface is loaded inside the MCX controller; that's why there is no need of programming the MMILDS interface.

Features & Benefits

- LED display 3-½ digit
- Easy connection to MCX CANbus network through wired connector kit
- Connections for 2 external probes
- Powered by the MCX which it is connected to
- Dimensions 84 x 36 mm
- Panel mounting

Ordering

Product code numbers

Type	Supply voltage [V] AC	Display type	Communication type	Mounting method	Packing format	Quantity per packing format	Code number
MMILDS	12	LED	CANBUS	Panel mounting	Industrial pack	25	080G0233

Accessories code numbers



080G0239

Electron. control accessories, ACCCBI Cable MMILDS RJ/JST 2m, MCX series

ACCCBI Cable MMILDS RJ/JST 2m, Used for product: MCX series, Packing format: Multi pack, Quantity per packing format: 100

Related products

080G0233



Product details

General data

Table: General features

Features	Description
Power supply	From the MCX through the RJ12 telephone connector Maximum power consumption: 1.5 W
Analog input	AI1: 0 / 20 mA, 4 / 20 mA, 0 / 5 V, 0 / 1 V AI2: NTC, default 10 kΩ a 25 °C
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	IP65
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
Construction	To be incorporated

Configuration

Figure: Key reference

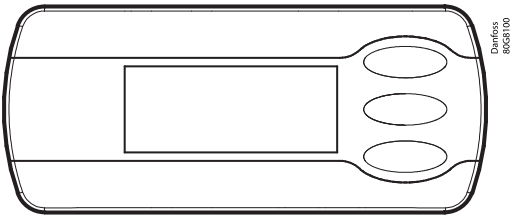


Table: Configuration

Function	Keys
Enter Program Mode	1+3 for 2s
Exit Program Mode	1+3
Scroll list of parameters	1 (scroll UP) and 3 (scroll DOWN)
Edit value	2
Esc and NOT Save	2
Esc and Save	2 pressed for 3 seconds

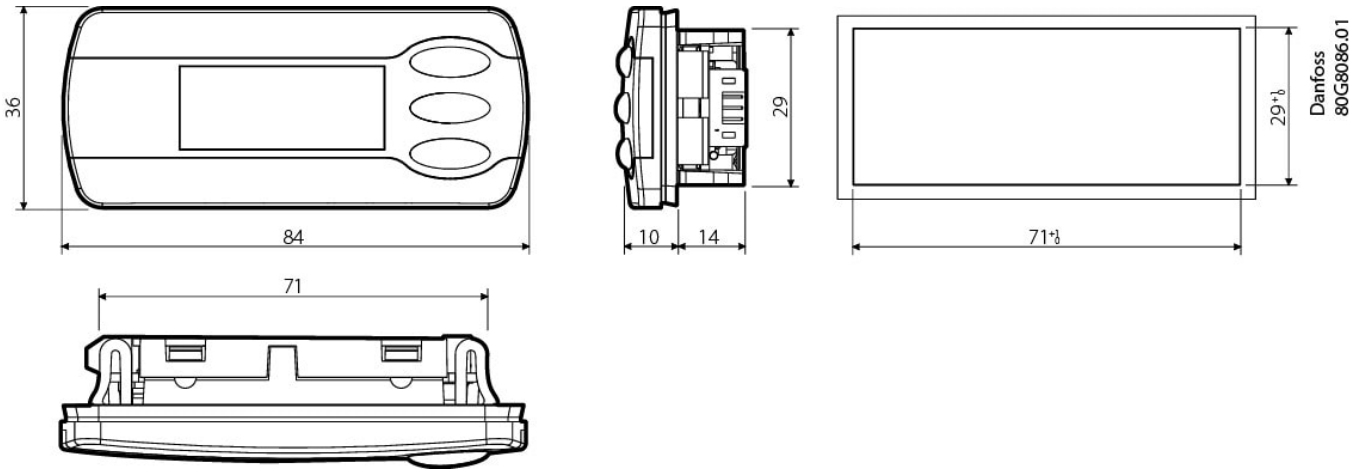


Table: Type of codes

Code	Description	Values	Default
NID	CAN node ID	1-127; 255=not configured	255
BAU	CAN baudrate (kBd)	0, 20, 50, 125, 250, 1000; 0=auto baud	50
CON	CAN address of the MCX connected	1-127; 255=auto detect	255
TYP	Type of AI1 analog input	2=0 / 5 V, 3=4 / 20 mA, 7=0 / 1 V, 9=0 / 20 mA	2
SEL	Analog input to be displayed	0=no, 1=AI1, 2=AI2	2

Dimensions & weights

Figure: Dimensions



Connections

Figure: Connection diagram of MCX or MCX06 connection

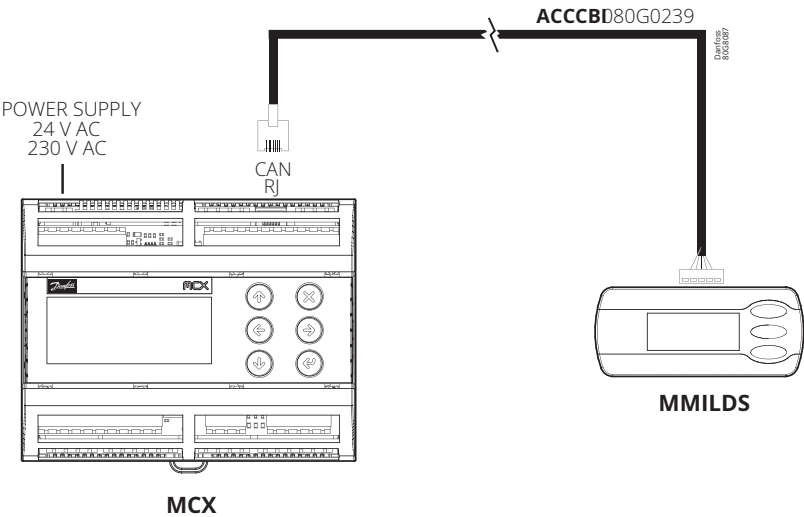


Table: Connection

Connectors	Type	Dimensions
CAN connector	5-way JST PH type	pitch 2 mm
Probe connector	5-way screw plug-in connector type	pitch 3.5 mm



User interface

Figure: LED display

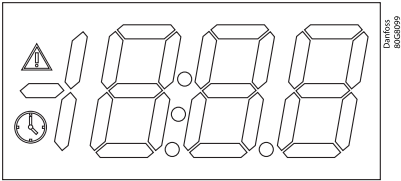


Table: User interface

Type	Features	Description
LED display	Display	LED 3 ¹ / ₂ digits + sign
	Digits	Green colour
	Alarm/warning icons	Red colour
	Dimensions	45 x 17 mm
Keyboard	Number of keys	3
	Keys function	Set by the application software

Certificates, declarations and approvals

The list contains all certificates, declarations, and approvals for this product type. Individual code number may have some or all of these approvals, and certain local approvals may not appear on the list.

When you click on the link you will be directed to the latest version of the ‘Declaration of Conformity’. Products developed and sold before this date of issue conform to the directives/standards in force at the time of their sale.

Approval type	Title	Certification body	Approval topic
Manufacturer's Declaration	Danfoss MD 080R1240.00	Danfoss	EU RoHS
EU-UK Declaration	Danfoss EU-UK 080R1225.02	Danfoss	EMC
UA Declaration	UA 2024-06-27 electr protection units for compressors	Danfoss	LVD
UA Declaration	Danfoss UA 8537	Danfoss	UA RoHS
Electrical Safety Certificate	UL E31024	UL - Underwriters Laboratories inc.	
Export Control Declaration	MCX programmable controller accessories	Danfoss	

Contact details

Online support

Danfoss offers a wide range of support along with our products, including digital information, software, mobile apps and expert guidance. See the possibilities below.



The Danfoss Design center

Discover the Design Center, our advanced digital platform that streamlines product selection. With integrated tools and enhanced type pages, it's simpler than ever to access product information and documentation, and to select the right products. Check the availability of Danfoss products at partner locations and enjoy seamless transitions from selection to purchase with our basket-to-basket functionality. Whether you're buying from our distributors or directly from the Product Store, the Design Center simplifies your experience. Learn more at: designcenter.danfoss.com.



The Danfoss product store

The Danfoss Product Store is a one-stop shop available 24/7 for our customers, no matter where you are in the world or what area of industry you work in. Browse our catalog, check product details and documentation, view your prices and product availability, and quickly finalize your purchase. Start browsing at: store.danfoss.com.



Danfoss Partner Portal/Product Data tool

Designed to support you with easy access to product data extracts, essential resources, tools, and information. The Partner Portal provides a centralized hub for product documentation, training materials, marketing assets, and technical support, ensuring you have everything you need to succeed and grow your business with Danfoss. The Partner Portal is available 24/7 at: partner.danfoss.com and is ready to support your business.



Find technical documentation

Find technical documentation you need to get your project up running. Get direct access to our official collection of data sheets, certificates and declarations, manuals and guides, 3D models and drawings, case stories, brochures, and much more. Start searching now at: documentation.danfoss.com.



Danfoss Learning

Danfoss Learning is a free online learning platform. It features courses and materials specifically designed to help engineers, installers, service technicians, and wholesalers better understand the products, applications industry topics, and trends that will help you do your job better. Find your local Danfoss website here: learning.danfoss.com.



Get local information and support

Local Danfoss websites are the main sources for help and information about our company and products. Find product availability, get the latest regional news, or connect with a nearby expert - all in your own language. Find your local Danfoss website here: danfoss.com.

Danfoss A/S

Climate Solutions . danfoss.com . +45 7488 2222

Any information, including, but not limited to information on selection of product, its application or use, product design, weight, dimensions, capacity or any other technical data in product manuals, catalogues description, 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 catalogues, 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 form, fit or function of the products. 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.