

MMI-110

Message Center with Function Keys & Data Access

Features

- Windows™ based setup software
- Setup software can convert projects from one PLC brand to another
- 2 x 20 character, LCD or VFD display
- Small DIN size
- 8 Programmable function keys
- Multiple embedded variables per screen
- Smart cable hookup to PLC's
- Numeric keys for easy data entry
- RS-232 printer port
- Message capacity is limited only by memory
- Operator controlled scrolling through linked messages

Description

The MMI-110 provides all of the powerful features found in the MMI-100 with the addition of four keys which allow for easy data entry. The easy to use Windows™ setup software allows users to quickly configure their units.

Function Keys

The 8 user definable keys make machine interfacing very simple. The function keys are legendable and can be used for various PLC interactive applications including:

- Turn ON/OFF internal contacts
- Hold On/OFF contact while key is pressed
- Toggle status of contact
- Download a constant to PLC register
- Trigger a message for data entry

Data Entry

By pressing the CLR/DATA key, the keys become activated for entering numerical values. Through the use of 0-9 keys, an operator can easily change values of PLC registers. Bit/coil status can also be edited in an interactive manner using special messages.



MESSAGES

The MMI-110 can store a large number of messages. Message numbers can range from 1 to 65500. A register called the Message Triggering Register (MTR) is defined in the PLC. The MMI-110 reads the contents of this register in every scan and the message corresponding to the number in the MTR is displayed on the MMI-110.

A message can be assigned to each line on the MMI-110. Messages can scroll, flash, have minimum time for display and can be chained to other messages. They can also be designated to be printed through the serial port. Messages can be linked together to make menus or lists which the operator can scroll through using the up and down arrow keys.

Specifications

Display	2 x 20 Char. LCD or VFD
Character Size	0.23" (5.5mm)
Memory	32k EEPROM
Set-Up	Windows™ based PC software (order separately)
Programming	via RS-232
Message Request	via message triggering register or function key
Function Keys	8 user programmable function keys
Power Supply	12-24 VDC
Operating Temperature	32° to 122° F (0° to 50° C)
Dimensions	W= 5.67", H= 2.83", D= 3.54"
Cutout	W= 5.43", H= 2.68"
Environmental	NEMA4 / IP65
Approvals	CE Certified

MMI Setup Software Information

The Windows® based MMI setup software is a convenient way to setup this PLC Interface Product.



Our software makes Function Key setup a snap! Create, Edit and View messages with Point & Click Ease!

How To Order:

EXAMPLE:	MMI110	V	N
Series	MMI-110		
Display Type	L= LCD V=VFD		
Options (add to part number)	N = NEMA4 enclosure		

For PLC Type

Use Smart cable part number as indicated below. Also refer to SMIC Cables in the Accessories Section of this catalog. The MMI-110 will not operate without a cable and software.

EXAMPLE:	SMIC-	GE90-	05
Series			
PLC Type			
AB500	AB SLC500 types with DH485 port		
ABDF1	AB SLC500 5/03, 5/04 with DF1 port		
ABMICRO	AB MicroLogix only		
ABAIC	For use with AB AIC Modules		
ARO	All Aromat FP1 Series		
FUJI	Fuji Flex Series NB, NJ and NS		
GE90	All GE 90 Series SNP Port		
IDECM1	Idec M1 and FA2J		
IDECM3	Idec Micro3 Series		
IDECM3C	Idec Micro3C Series		
K205	Koyo DL230, DL240, DL250		
K305	Siemens Simatic 335, Koyo 340		
K405	Siemens Simatic 425, 435, Koyo 440		
KEY	Keyence KV 10,16,24,40 & 80, KV300		
MOD	Modicon Micro 84; 884; 984; Open Modbus and J-Bus		
MODMICRO	Modicon Micro 984		
MITFX	Mitsubishi FX Series		
MITFXO	Mitsubishi FXo only		
OMCK25	Omron C Series, (Host link modules)		
OMCH9	Omron CH Series		
OMCQM	Omron CQM1 Series		
SIS5	Siemens S5 Series, 95, 100, 102, 103, 115		
SIS7	Siemens S7-200 Series		
TSBEX	Toshiba EX Series & M Series Program Port		
TSB485	Toshiba EX & M Series RS-422 Link Port		
TSBT1	Toshiba T1 only		
TSBT2	Toshiba T2 and T3		
TSX07	Telemecanique TSX 07 (nano), TSX 37		
TSX17	Telemecanique TSX 17		
TSX47	Telemecanique TSX 47-40, TSX 47-20		

Cable Length

05 = 5 feet

Accessories:

ZA9M9F - Five feet of cable with DB9 male connector and DB9 female connector.
(PC end, normally used for "AT" COM1)

ZA9M25F - Five feet of cable with DB9 male connector and DB25 female connector.
(PC end, normally used for "XT" or "AT" COM2)

MMISOFT - Setup software for MMI-1XX, IMMI-2XX and IMC2