

MMI-100

Message Center with Function Keys

Features

- Windows™ based setup software
- Setup software can convert projects from one PLC brand to another
- 2 x 20 character, LCD or VFD display
- 8-30 VDC power
- Small DIN size
- 8 Programmable function keys
- Multiple embedded variables per screen
- Smart cable hookup to PLC's
- Serial interface for PLC connection and programming setup.
- RS-232 printer port
- Message capacity is 256 max.

Description

The MMI-100 provides a powerful yet cost effective Programmable Logic Controller (PLC) interface where space requirements are critical and cost is important. It communicates directly with the PLC through the programming port so that I/O can be used for what it is intended. In addition, the MMI-100 provides a serial output port to support a printer or additional slave device.

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

Data Entry

Special messages can be used to load values into the PLC. The register that is to be modified would be defined in the message. The user can also embed the data within this message making it very user friendly. A bit/coil can also be edited in an interactive manner using a similar special message.



MESSAGES

The MMI-100 can store a large number of messages. A register called the Message Triggering Register (MTR) is defined in the PLC. The MMI-100 reads the contents of this register in every scan and the message corresponding to the number in the MTR is displayed on the MMI-100. A message can be assigned to each line on the MMI-100. 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.

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:	MMI100	V	N
Series	MMI -100		
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-100 will not operate without a cable and software.

EXAMPLE:	SMIC-	GE90-	05
Series	SMIC- GE90- 05		
PLC Type	<ul style="list-style-type: none"> 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