

MMI-140

Message Center with Data Access & Four Line Display

Features

- Windows™ based setup software
- Setup software can convert projects from one PLC brand to another
- 4 x 20 character, LCD 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

Description

The MMI-140 provides all of the powerful features found in the MMI-110. Its multifunction keypad allows 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-140 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-140 reads the contents of this register in every scan and the message corresponding to the number in the MTR is displayed on the MMI-140. A message can be assigned to the full, upper or lower part of the MMI-140 display. 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.



- RS-232 printer port
- Message capacity is limited only by memory
- Operator controlled scrolling through linked messages

Specifications

Display	4 x 20 Char. LCD
Character Size	0.23" (5.5mm)
Memory	8k EEPROM expandable to 32k
Set-Up	Windows™ based PC software
Programming	via RS-232
Message	via message triggering register request or function key.
Function Keys	8 user programmable F-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

How To Order:

EXAMPLE:	MMI140	L	32	N
Series	MMI -140			
Display Type	L = LCD			
Options (add to part number)	32 = 32k of storage			
	N = NEMA 4 wall mount			
	E = Explosion Proof			

For PLC type refer to SMIC Cables in the Accessories Section of this catalog.

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)