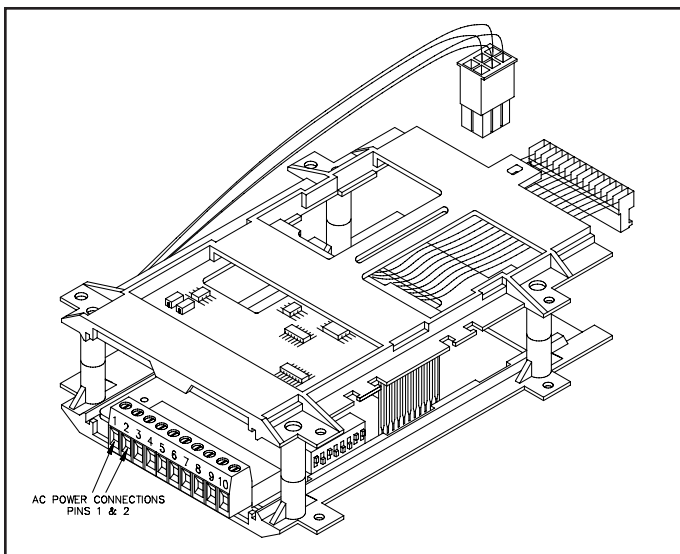


MODEL MDPS - MESSAGE DISPLAY SLAVE MODULE FOR USE WITH LARGE MESSAGE CENTER DISPLAYS (LMC10000 & LMC20000)

The Model MDPS Message Display Slave Module is a P.C. Board Assembly mounted in a carrier which is installed into either the 1x10 or 2x20 Large Message Center Displays (*see Bulletin LMC*). When an MDPS module is installed in an LMC Display, all programming and operating procedures are the same as a standard Message Display Slave (MDS) unit.

Refer to the MDS manual which is included with the MDPS module, for programming and operating instructions. A self-adhesive terminal block label and a DIP switch label are provided, which should be placed near their respective locations in the LMC unit.

Note: The MDPS module will only operate with the LMC Display. Do not connect the module to an RLC Model LDD. The Module is fully compatible with both the 1x10 and 2x20 versions of the LMC.



MDPS SPECIFICATIONS

(All specifications are the same as the MDS without a parallel port except those listed below.)

- POWER REQUIREMENTS:** AC power is connected to the module but is switch selected via the LMC driver board; 115/230 VAC ($\pm 10\%$), 50/60 Hz, 25 VA 1x10 version, 30 VA 2x20 version (including the model LMC).
- DISPLAY:** Module controls the 5x7 dot matrix, Red LEDs of either LMC version.
 - LMC10000 1x10 Version:** 2.0" (50.8 mm) character height.
 - LMC20000 2x20 Version:** 1.0" (25.4 mm) character height.*Note: Vcontrast line is NOT functional and should NOT be used.*
- CONSTRUCTION:** P.C. board mounted in a plastic carrier.
- WEIGHT:** 0.6 lbs (272 g)

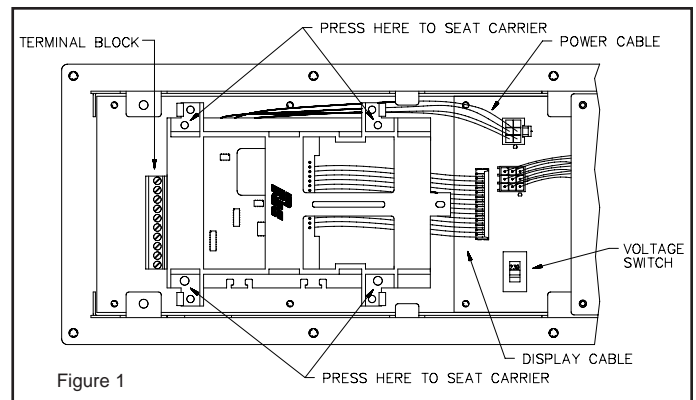
SET-UP

To place the MDPS Module into the LMC, first remove the rear cover of the LMC. To do this, unscrew the two captive fasteners and place the MDPS Module on the plastic standoffs. Push on the four posts until the carrier snaps into place.

Note: Power should NOT be applied until the terminal block is plugged into the module, the voltage switch is set to the proper position, AND the module is properly installed into the Large Message Center Display (LMC).

Wire the removable terminal block for the module, then replace the terminal block in the proper position on the module. The power supplied to the module is from the LMC and the proper voltage is selected by setting the voltage switch to either 115 or 230 VAC on the LMC driver board. Connect the display and power cables from the module to the appropriate connectors on the LMC driver board (*see Figure 1*).

Follow the programming and operating instructions provided in the MDS manual, as required.



ORDERING INFORMATION

| MODEL NO. | DESCRIPTION | PART NUMBER |
|-----------|---|-------------|
| MDPS | Slave Module for use with Large Message Center Displays | MDPS0000 |

Note: This module requires the Apollo Message Display User Software to send messages.

ORDERING INFORMATION For Large Message Center

| MODEL NO. | DESCRIPTION | PART NUMBER |
|-----------|--------------------------------|-------------|
| LMC1 | Large Message Center 1x10 | LMC10000 |
| LMC2 | Large Message Center 2x20 | LMC20000 |
| MB6 | LMC/LDD Mounting Brackets | MB600000 |
| ENC7 | LMC/LDD NEMA 4/IP65 Enclosures | ENC70000 |
| SHR | LMC/LDD Shroud | SHR10000 |

ORDERING INFORMATION For Message Display Accessories

| MODEL NO. | DESCRIPTION | PART NUMBER |
|-----------|---|-------------|
| SFMD | Apollo Message Display User Software (3 1/2"; 1.44 M) | SFMD0 |
| MCCA | AC Communications Adapter | MCCA0000 |
| GCM232 | Serial Converter Module RS-232 | GCM23201 |
| APS01 | +12 VDC Unregulated Power Supply, 115 VAC | APS01000 |
| APS02 | +12 VDC Unregulated Power Supply, 230 VAC | APS02000 |
| SKT1 | 8-Pin Socket | SKT10000 |
| — | DIN Rail Mount, 8-Pin Octal | SKTDIN00 |