

Cable Assembly, MicroLogix to MARC 366-100 modem

RS232 Connections

The 8 pin Mini DIN connector on the MicroLogix is not available commercially. You must purchase a cable assembly from Allen-Bradley that has the Mini DIN connector on one end. There are two cable assemblies, either of which can be used. The part numbers are 1761-CBL-PM02 and 1761-CBL-HM02. The PM02 cable is recommended.

Cut Allen-Bradley 1761-CBL-PM02 cable near 9-pin D connector or the HM02 cable near the straight Mini DIN. Carefully remove outer insulation and strip insulation from wires approximately .25 inches. Connect to 366-100 modem Terminal Strip 2 as shown below.

NOTE: The wire colors in each cable are not the same. Also, if you start with the HM02 cable, you must tie back and insulate the BLACK wire that connects to Pin 1. This is 24V power. Do not connect anything to this wire.

| Right Angle Mini DIN Pin # | PM02 Wire Color | HM02 Wire Color | Signal Name | TS2 Pin # |
|----------------------------|-----------------|-----------------|-------------|-----------|
| 1 | BLK | BLK | 24V | nc |
| 2 | GRN | GRN | GND | 8 |
| 3 | RED | WHT | RTS | 6 |
| 4 | ORN | ORN | RXD | 5 |
| 5 | YEL | YEL | DCD | 1 |
| 6 | WHT | RED | CTS | 3 |
| 7 | BRN | BRN | TXD | 7 |
| 8 | BLU | BLU | GND | nc |

DC Power Connections

Connect 24V DC Out + from MicroLogix to modem TS 1 pin 7.

Connect 24V DC Out - from MicroLogix to modem TS 1 pin 8.

Phone Line Connections

| TS1 Pin # | Phone Line |
|-----------|------------|
| 1 | nc |
| 2 | nc |
| 3 | RING |
| 4 | TIP |
| 5 | nc |
| 6 | nc |