

Panasonic/Matsushita FP MEWTOCOL–COM v2.0 Drivers Information Sheet for Crimson v2.0

Compatible Devices

- Panasonic/Matsushita FP Series PLC using MEWTOCOL-COM communications.

Verified Devices

- FP0-C10RS
- FP-X C30R
- FP-X C30R fitted with COM5
- FP2-C1 fitted with ET1 module

Accessible Data

| Prefix | Description |
|--------|-----------------------------|
| DT | Data Registers |
| SDT | Special Data Registers |
| LD | Link Data Registers |
| FL | File Registers |
| IX | X Index Registers |
| IY | Y Index Registers |
| SV | Timer-Counter Set Value |
| EV | Timer-Counter Elapsed Value |
| C | Counter Contact |
| T | Timer Contact |
| R | Internal Relay |
| SR | Special Internal Relay |
| LR | Link Relay |
| X | External Input Relay |
| Y | External Output Relay |
| WR | Word Internal Relays |
| WL | Word Link Relays |
| WX | Word External Input Relays |
| WY | Word External Output Relays |

Data access is consistent with FP addressing.

Configuration notes for TCP/IP driver:

- The Source Station Number and TCP Port Driver Settings are only considered when using ET-LAN communications.
- ET-LAN Network Settings can be found on the Extended tab within the Device Configuration.
- When using ET-LAN Network communications, please configure the PLC according to the Computer Link Function – Settings on the PLC Side section of the Panasonic/Matsushita ET-LAN Unit manual available for the specific FP PLC.

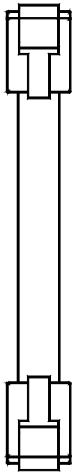
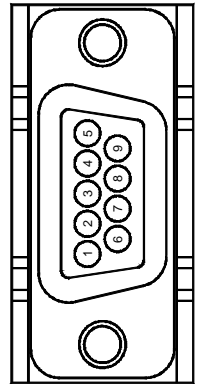
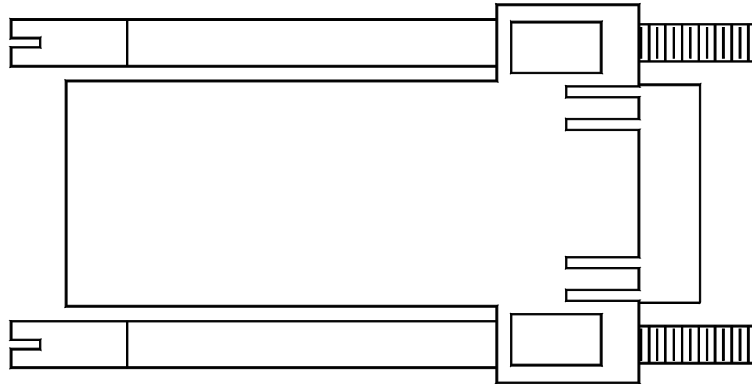
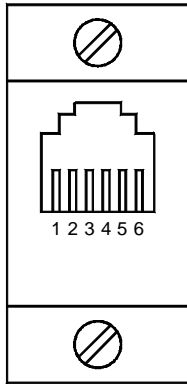
Cable Information for TCP/IP driver:

Standard 10-Base-T Ethernet Cable

Cable Information

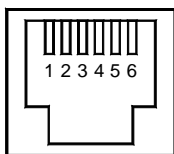
Communication Cable, G3 / Modular Controller to Matsushita FP Series.

CBLMAT01 – 10' long



| Connections | | | |
|---------------|------|------------------|----------|
| FROM RLC UNIT | Name | CONNECTER PINOUT | |
| | | RJ12 | DB9 MALE |
| 1 | CTS | 1, 6 | - |
| 2 | Rx | 2 | 2 |
| 3 | COMM | 3 | 7 |
| 4 | COMM | 4 | - |
| 5 | Tx | 5 | 3 |
| 6 | RTS | 1, 6 | - |
| - | - | - | 4, 5 |
| - | - | - | 8, 9 |

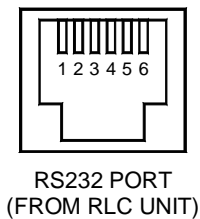
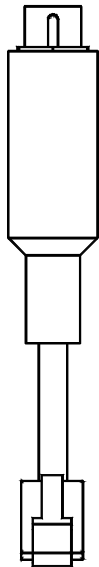
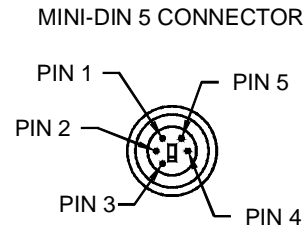
The above table denotes the pin names of the RS232 port. When connecting, the pin name at the RS232 port is connected to the opposite of that pin name at the destination device.



RS232 PORT
(FROM RLC UNIT)

Cable Information

Communication Cable, G3 / Modular Controller to Matsushita FP0. # CBLMAT02 – 10' long



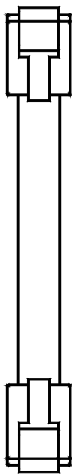
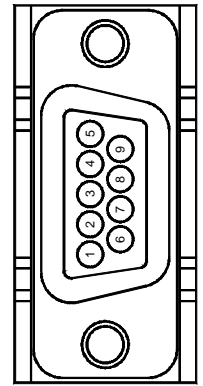
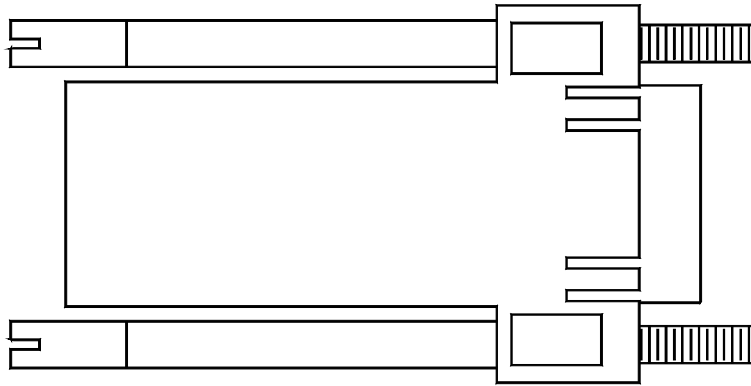
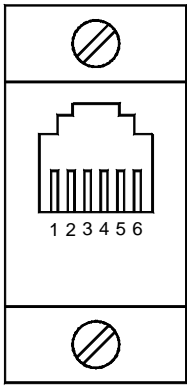
| FROM RLC UNIT | Name | Connections | |
|---------------|--------|-------------|------------|
| | | RJ12 | MINI-DIN 5 |
| 1 | CTS | 1, 6 | - |
| 2 | Rx | 2 | 2 |
| 3 | COMM | 3 | 3 |
| 4 | COMM | 4 | - |
| 5 | Tx | 5 | 4 |
| 6 | RTS | 1, 6 | - |
| - | SHIELD | - | - |

The above table denotes the pin names of the RS232 port. When connecting, the pin name at the RS232 port is connected to the opposite of that pin name at the destination device.

Cable Information

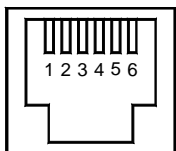
Communication Cable, G3 / Modular Controller to generic RS232.

CBLGEN01 – 10' long



| Connections | | | |
|---------------|------|------------------|----------|
| FROM RLC UNIT | Name | CONNECTER PINOUT | |
| | | RJ12 | DB9 MALE |
| 1 | CTS | 1, 6 | - |
| 2 | Rx | 2 | 2 |
| 3 | COMM | 3 | 5 |
| 4 | COMM | 4 | - |
| 5 | Tx | 5 | 3 |
| 6 | RTS | 1, 6 | - |

The above table denotes the pin names of the RS232 port. When connecting, the pin name at the RS232 port is connected to the opposite of that pin name at the destination device.



RS232 PORT
(FROM RLC UNIT)