

CMX – New Master Mode Conversions

Master Mode:

The CMX supports the same commands and functions as specified in DL2000-CMX Version 2.14.

Below is a summary of the both the AB commands supported and how different Modbus commands are generated.

1) AB commands supported: Note-All commands use logical binary addressing.

- i. PLC5 Type Read and Writes
- ii. PLC5 Word Range Read and Writes
- iii. PLC3 Word Range Read and Writes

2) Modbus Commands Supported:

PLC3 Commands

| PLC File Type | Modbus Read Command | Modbus Write Command | Modbus Registers for Read | Modbus Registers for Write |
|---------------|---------------------|----------------------|---------------------------|----------------------------|
| N | 3 | 16 | 4X | 4X |
| B | 1 | 15 | 0X | 0X |
| F | 2 | 5 | 1X | 0X |
| D | 8 | 8 | Diagnostic | Diagnostic |
| S | 4 | 6 | 3X | 4X |

PLC5 Commands

| X (Slave Address) | Modbus Read Command | Modbus Write Command | Modbus Registers for Read | Modbus Registers for Write |
|-------------------|---------------------|----------------------|---------------------------|----------------------------|
| 401-499 | 3 | 16 | 4X | 4X |
| 001-099 | 1 | 15 | 0X | 0X |
| 101-199 | 2 | 5 | 1X | 0X |
| 801-899 | 8 | 8 | Diagnostic | Diagnostic |
| 301-399 | 4 | 6 | 3X | 4X |