

## Behavior of MBP\_MSTR sub function 16:

When sending a Reset connection using the new MBP\_MSTR, sub-function 16, any pending/active/semi-open Port502 and network level TCP/IP connections are closed. This allows other MSTR blocks to fire without receiving 5050 resource errors, and not have to wait 30 seconds for the connection to close.

The following is the expected Control Block structure for Option 16 – Close connection

| Word  | Function         | Description  |
|---|------------------|--|
| CONTROL[1]  | Operation        | 16 = close connection  |
| CONTROL[2]  | Error status     | Holds event code (read-only)   |
| CONTROL[3]  | (not used)       | 0  |
| CONTROL[4]  | (not used)       | 0  |
| CONTROL[5]  | Routing Register | High byte = Ethernet communication module SLOT<br>Low byte = MBP on Ethernet transporter (MET) mapping index |
| CONTROL[6] <sup>1</sup>   | IP Address       | Byte 4 of the IP address (MSB)   |
| CONTROL[7] <sup>1</sup>   |                  | Byte 3 of the IP address   |
| CONTROL[8] <sup>1</sup>   |                  | Byte 2 of the IP address   |
| CONTROL[9] <sup>1</sup>   |                  | Byte 1 of the IP address (LSB)   |
|   |                  |  |
| 1. For example, the Control parameter handles the IP address 192.168.1.7 in the following order Byte 4 = 192, Byte 3 = 168, Byte 2 = 1, Byte 1 = 7. |                  |  |

Errors can be 0x04001, already defined

New error 0x5068 – the device has not completed the previous Close connection request.

Notes:

The DataBuf block output must be defined but is not utilized by the Option 16 sub-function