

Create Socket Command Block

V Memory Location	Description	Hex Value	Decimal Value
V120	Command Error Word	0000	0
V121	Command (Create Socket)	0003	3
V122	Connection Number (19221-19228)	4B15	19221
V123	Protocol Manager Number	0024	36
V124	Startup Option Bits (None Used - Set to 0)	0000	0
V125	Type of Service (1 = TCP, 2 = UDP)	0001	1
V126	IP Address of Remote Device (High 16 bits) 199.184	C7B8	51128
V127	IP Address of Remote Device (Low 16 Bits) 177.217	B1D9	45529
V128	Unused - Set to 0	0000	0
V129	TCP/UDP Port Number of Remote Device	05E1	1505
V130	Unused - Set to 0	0000	0
V131	Unused - Set to 0	0000	0
V132	Unused - Set to 0	0000	0
V133	Unused - Set to 0	0000	0
V134	Unused - Set to 0	0000	0
V135	Unused - Set to 0	0000	0

Write Remote Memory Command Block

V Memory Location	Description	Hex Value	Decimal Value
V140	Command Error Word	0000	0
V141	Command (Read Remote Memory)	0202	513
V142	Connection Number (19221-19228)	4B15	19221
V143	Source: Starting V Memory Address in Local PLC	03E8	1000
V144	Number of Words to Transfer (1 - 256)	0019	25
V145	Destination: Starting V Memory Address in Remote PLC	03E8	1000
V146	Command Timeout in Seconds (0 = default = approx. 9 seconds)	0003	3
V147	Unused - Set to 0	0000	0
V148	Unused - Set to 0	0000	0
V149	Unused - Set to 0	0000	0
V150	Unused - Set to 0	0000	0
V151	Unused - Set to 0	0000	0
V152	Unused - Set to 0	0000	0
V153	Unused - Set to 0	0000	0
V154	Unused - Set to 0	0000	0
V155	Unused - Set to 0	0000	0

The following ladder logic example is the minimum logic required to control command execution. This logic initiates a Start Network Server Command in the event that WX1.3 (network config bit) is turned ON by the module. A Create Socket Command is then initiated to the remote 2572. Once the socket is established, a Write Remote Memory Command is executed continuously.

Please refer to the 2572 User Manual, Appendix D, for a detailed description of the PLC interface and command processing.



