



## DCX Millennium/Paragon Controller Input and Output Reference Sheet

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### INPUTS: (PLC Module 3)

TB1 (Exciter Cab)	I/O (PLC)	DESCRIPTION
TB1-67	IN 00	K2 - EXC 2 Selected Status
TB1-68	IN 01	K1 - Drive Command On Status
TB1-69	IN 02	K3 - V1,V2 Alt. Phase On Status
TB1-70	IN 03	K4 - V3,V4 Alt. Phase On Status
TB1-71	IN 04	Not Used
TB1-72	IN 05	External Interlock Status
TB1-73	IN 06	Not Used
TB1-74	IN 07	EXC 1 AGC Fault Status
TB1-75	IN 08	EXC 2 AGC Fault Status

IN 09 through IN 15 Not Used.

### OUTPUTS: (PLC Module 4)

TB1-83	OUT 00	K2 - EXC XFER RELAY
TB1-84	OUT 01	K1 - Drive Command RELAY
TB1-85	OUT 02	K3 - V1,V2 Alt. Phase RELAY
TB1-86	OUT 03	K4 - V3, V4 Alt. Phase RELAY
TB1-87	OUT 04	Not Used
TB1-88	OUT 05	Not Used
TB1-89	OUT 06	Not Used
TB1-90	OUT 07	Not Used
TB1-91	OUT 08	EXC 1 On Command (Ground)
TB1-92	OUT 09	EXC 2 On Command (Ground)

OUT 10 through OUT 15 Not Used.



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