

Wiring Instructions MPC-10 Controller

PIN Specifications for Deutsch Connections

PIN	12 Pin Gray	PIN	12 Pin Black	PIN	12 Pin Green
1	Battery (+)	1	Battery (+)	1	Battery (-)
2	RS485 (+)	2	Not Used	2	Battery (+)
3	RS485 (-)	3	Digital Out 2, +DC (1A)	3	Battery (+) Switched
4	Relay 3 NC	4	Digital Out 1, +DC (1A)	4	Alt Excite, +DC (1A)
5	Relay 3 COM	5	Digital Out 4, -DC (1A)	5	CAN (H)
6	Relay 3 NO	6	Digital Out 3, -DC (1A)	6	CAN (L)
7	Analog In 3	7	Analog In 1	7	Relay 1 NO
8	Digital In 3	8	Analog In 2	8	Relay 1 COM
9	Digital In 4	9	Digital In 1	9	Relay 1 NC
10	Digital In 5	10	Digital In 2	10	Relay 2 NO
11	Not Used	11	Frequency In	11	Relay 2 COM
12	Battery (-)	12	Battery (-)	12	Relay 2 NC

PIN	6 PIN USB
1	USB1_VBUS
2	USB_DP_Out
3	USB_DM_Out
4	USB_ID_Out
5	USB_Shld
6	USB_Gnd

Wiring of this device must meet all applicable electrical codes.

Battery lines to the unit must all come through a single 10 Amp or less fuse or circuit breaker to retain CSA certification rating.