

Connector J25
(Reno A & E harness #MH-10001)

(NOTE: when using a Q-4 power supply and a #MH-10002 harness, connector will not have wires #3, #4, #7 or #8)

NOTE: Colors refer to Reno A & E MH series harness color schemes. However, Reno A & E custom designs harnesses for any length or wire color scheme. Contact the sales department for more information: sales@editraffic.com.

Connectors are shown as viewed from the back of the rack.

Operating Instructions

Model M-12 Series

NEMA TS-1 / TS-2 CARD RACK

Pin Assignments (Use Reno A & E MH series harnesses):

Connectors J13 – J24:

1	8
2	7
3	6
4	5

PIN	COLOR	TYPICAL FUNCTION	EDGE CONNECTOR
1	Gray/Green	Inhibit Channel 1	Pin 1
2	Blue	Loop Input Channel 1	Pins 4 & D
3	Blue	Loop Input Channel 2	Pins 8 & J
4	Blue	Vehicle Call Channel 1	Pin F
5	Blue	Vehicle Call Channel 2	Pin W
6	Red	Loop Input Channel 2	Pins 9 & K
7	Brown	Loop Input Channel 1	Pins 5 & E
8	Gray/Green	Inhibit Channel 2	Pin 2

Connector J25:

1	10
2	9
3	8
4	7
5	6

PIN	COLOR	TYPICAL FUNCTION	TERMINATION
1	White	AC -	Pin M Conn. J1-J12
2	Black	AC +	Pin N Conn. J1-J12
3	Red	DC1	Pin B Conn. J2, J3, & J4
4	Red	DC2	Pin B Conn. J1, J5, & J6
5	Not Used	No Connection	N/A
6	Gray	Logic Ground	Pins A,H,T,X, & Z Conn. J1-J12
7	Red	DC4	Pin B Conn. J9, J10, & J11
8	Red	DC3	Pin B Conn. J7, J8, & J12
9	Not Used	No Connection	N/A
10	Green	Earth Ground	Pin L Conn. J1-J12

Connectors J26 – J37:

1	8
2	7
3	6
4	5

PIN	COLOR	TYPICAL FUNCTION	EDGE CONNECTOR
1	Gray/Green	Inhibit Channel 3	Pin 3
2	Blue	Loop Input Channel 3	Pins 13 & P
3	Blue	Loop Input Channel 4	Pins 17 & U
4	Blue	Vehicle Call Channel 3	Pin S
5	Blue	Vehicle Call Channel 4	Pin Y
6	Yellow	Loop Input Channel 4	Pins 18 & V
7	Orange	Loop Input Channel 3	Pins 14 & R
8	Gray/Green	Inhibit Channel 4	Pin 10

Connectors are shown as viewed from the back of the rack.

Connector J66:

		PIN	FUNCTION
1	10	1	Pin 19 Connector J12
2	9	2	Pin 19 Connector J9
3	8	3	Pin 19 Connector J6
4	7	4	Pin 19 Connector J3
5	6	5	No Connection
		6	No Connection
		7	Pin 21 Connector J3
		8	Pin 21 Connector J6
		9	Pin 21 Connector J9
		10	Pin 21 Connector J12

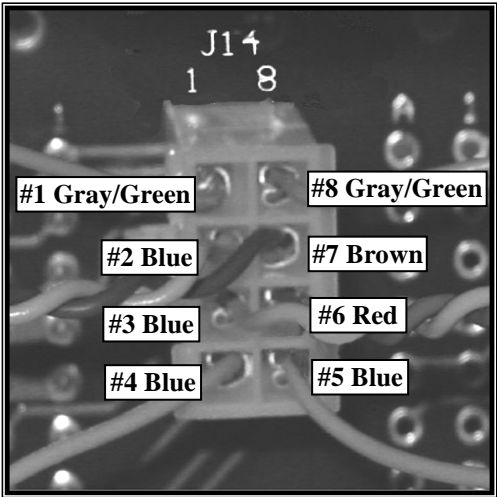
Jumper Settings:

JUMPER	FUNCTION
J38	Pin 1 Connector J2 to Pin A Connector J2
J39	Pin 2 Connector J2 to Pin B Connector J2
J40	Pin C Connector J2 to DC2
J41	Pin 3 Connector J2 to DC2
J42	Pins 17 & U Connector J2 to DC3
J43	Pins 18 & V Connector J2 to DC4
J44	Pin 19 Connector J1 to Pin 19 Connector J2
J45	Pin 21 Connector J1 to Pin 21 Connector J2
J46	Pin 19 Connector J2 to Pin 19 Connector J3
J47	Pin 21 Connector J2 to Pin 21 Connector J3
J48	Pin 19 Connector J3 to Pin 19 Connector J4
J49	Pin 21 Connector J3 to Pin 21 Connector J4
J50	Pin 19 Connector J4 to Pin 19 Connector J5
J51	Pin 21 Connector J4 to Pin 21 Connector J5
J52	Pin 19 Connector J5 to Pin 19 Connector J6
J53	Pin 21 Connector J5 to Pin 21 Connector J6
J54	Pin 19 Connector J6 to Pin 19 Connector J7
J55	Pin 21 Connector J6 to Pin 21 Connector J7
J56	Pin 19 Connector J7 to Pin 19 Connector J8
J57	Pin 21 Connector J7 to Pin 21 Connector J8
J58	Pin 19 Connector J8 to Pin 19 Connector J9
J59	Pin 21 Connector J8 to Pin 21 Connector J9
J60	Pin 19 Connector J9 to Pin 19 Connector J10
J61	Pin 21 Connector J9 to Pin 21 Connector J10
J62	Pin 19 Connector J10 to Pin 19 Connector J11
J63	Pin 21 Connector J10 to Pin 21 Connector J11
J64	Pin 19 Connector J11 to Pin 19 Connector J12
J65	Pin 21 Connector J11 to Pin 21 Connector J12

Notes:

Jumpers J38 through J43 are installed if the Model M-12 Card Rack has a Power Supply installed. If the M-12 Card Rack has an external power source, jumpers J38 through J43 should not be installed.

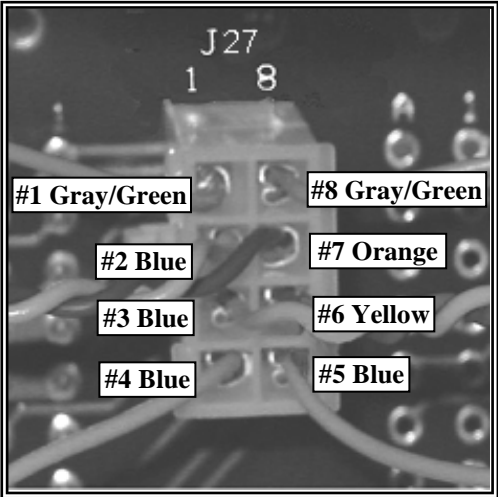
Jumpers J44 through J65 are used to configure the communications bus.



Connectors J13 – J24
(Reno A & E harness #MH-08001)



Back of M-12 Rack



Connectors J26 – J37
(Reno A & E harness #MH-08002)