

Convert Obsolete 24v 425DRM to 805OPM

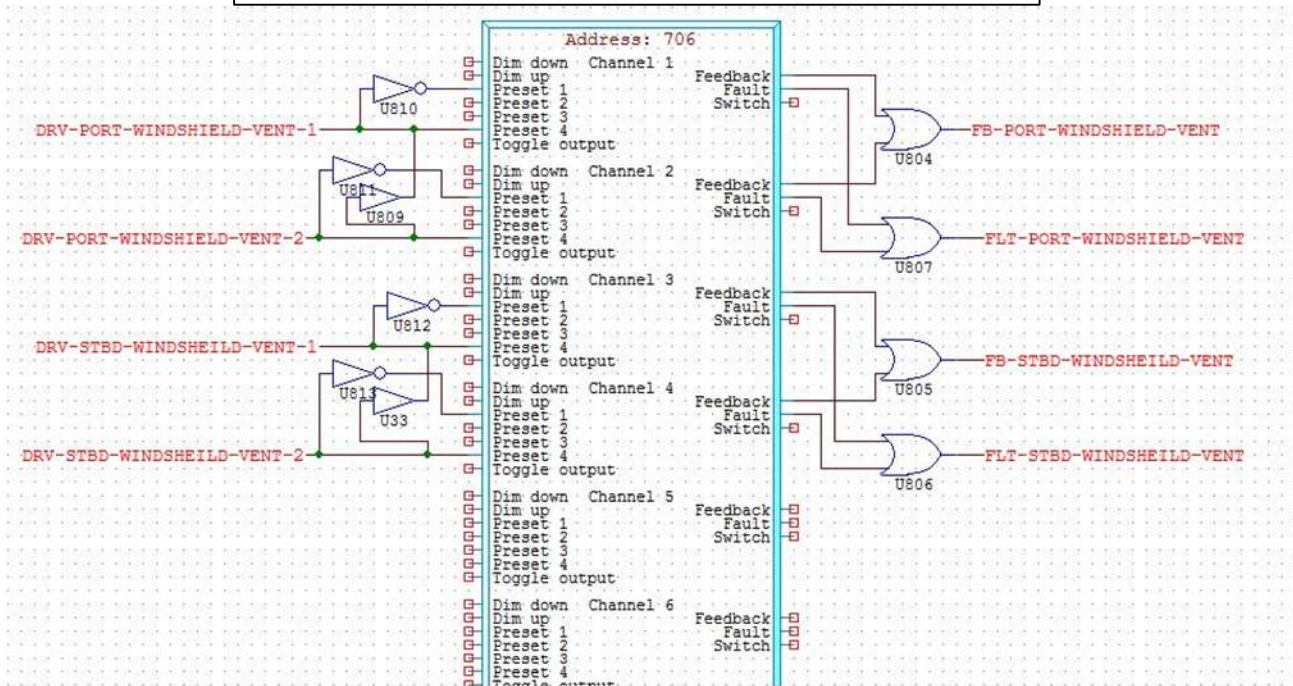
Wiring Specifications



Pin #	Pin Description
A1	Motor 2-
E1	Motor 2+
B1	Motor 1-
F1	Motor 1+
C1	E-Plex Data Bus +
G1	E-Plex Data Bus -
D1	E-Plex Data Bus +
H1	E-Plex Data Bus -
M5-T1	Batter Power
M5-T2	Battery Return

Relay 1 is negative voltage out on out1-
Relay 2 is positive voltage out on out1-
Relay 3 is negative voltage out on out2-
Relay 4 is positive voltage out on out2-

LOGIC EXAMPLE



Octal Power Module

8 channel DC power distribution module



Don't forget to program your Motor trip point and also a low trip point for the relay control channels! Make sure Dim Time @ 0 to prevent relay chatter! Use Inverted control wire to activate preset 0 for channel OFF

805OPM Unique Properties

Address: 706

Channel 1 | Channel 2 | Channel 3 | Channel 4 | Channel 5 | Channel 6 | Channel 7 | Channel 8

Channel type: ☒ Dimmer ☐ Non dimmer ☐ Active low input

Parallel with next channel: ☐

Trip current: 7.5 A

Preset 1: Brightness: 0% Preset 2: 33% Preset 3: 67% Preset 4: 100%

Dim time: 0 sec

Dim up/down step size: 5%

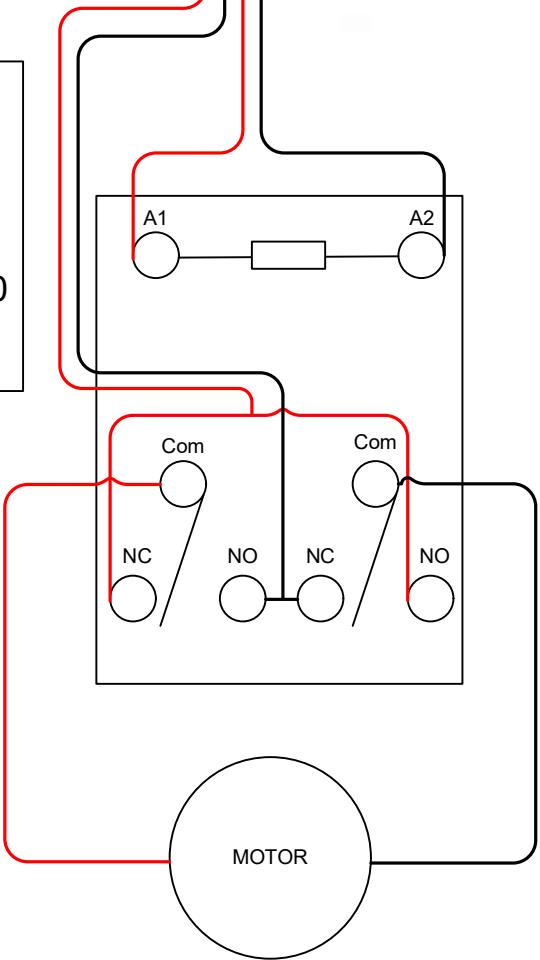
Operation in manual mode:

Automatic output control: ☒ Hold current output level ☐ Turn output off ☐ Turn output on

Switch functionality: ☐ None ☐ Output on whilst pressed ☒ Output toggles when pressed

When channel is on use preset: 4

Set channel defaults Copy settings to channel 8 Help OK Cancel



LEGEND	RG-8U	RG8X	USB	RJ-11	Stranded	Sea Talk
VGA	Cat 5	Serial	Twisted Pair	Shielded Pair	Boat Cable	

SCALE: None	Project Designer OEM	
TITLE: BOAT NANE	DATE: 7/24/2008	REV. Date: 5/16/2018



3219 South Andrews Ave
Fort Lauderdale FL 33316
Tel: (954) 527 0716
Fax: (954) 527 0715