

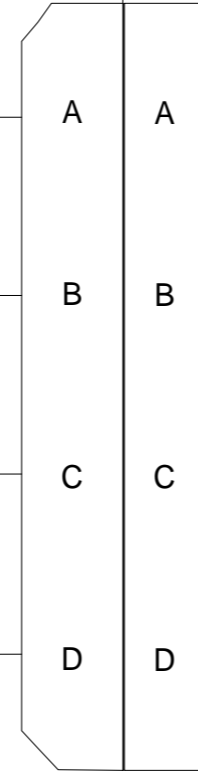
M83723/76W1404N  
M85049/52-1-14W  
replaces:  
MS24266R14B4PN  
MS27291-3 SR

Fed From  
CBA8C  
  
20 Amp  
(currently)



Phase A  
Phase B  
Phase C  
400 Hz Lo

MS3476W14-4S  
P1

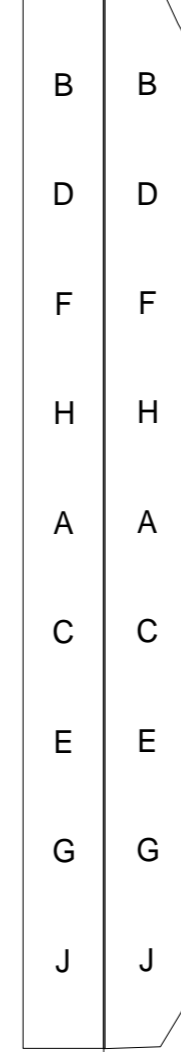


MS3470W14-4P  
J1

RefAOC dwg#  
430001-A  
  
Mojo with Relay  
(controlled by 28V)  
  
MS24376-D1  
CH# 6042H145

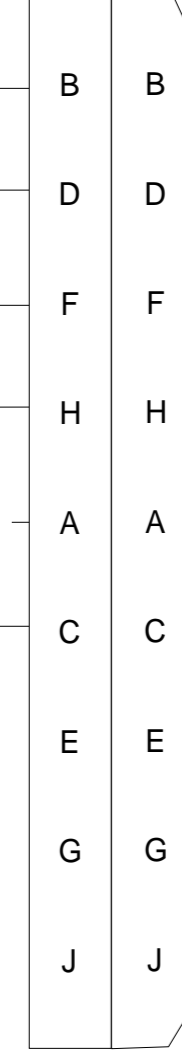
Bud Box Enclosure  
# CU-3007-A  
or Equivalent

MS3470W14-09S  
J2



MS3476W14-09P  
P2

Phase A  
Phase B  
Phase C  
400 Hz Lo  
28 V from IL  
28 V to IL



MS3471W14-09S  
JM1

MS3476W14-09P  
PM1

AWG 12 & 20  
Length = 90

15 A Startup  
8 A Continuous

Electromech  
Welco  
3Ø Pump  
Motor

Inter-  
Lock

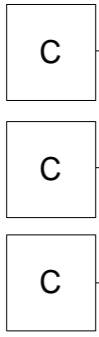
AWG 12  
Cable Length = 100 Inches

P341M  
C3X 3Ø Pwr@ C3X-2 Drop  
FS 467R  
18" from floor

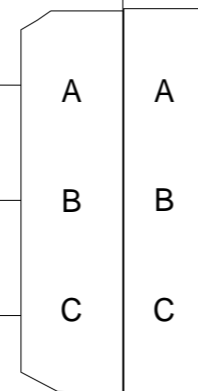
M81714/61-0Z for 28 VDC (+)

M81714/61-0Z for 28 VDC (-)

M81714/61-0Z for 28 VDC Ground



28 VDC (+)  
28 VDC (-)  
Ground



AWG 16  
Supplied by CSD

MS3476W12-3SY  
P3

MS3122E 12-3PY  
J3

28 VDC from C3X Rack

3Ø Pump Relay Box  
Mounted just above sidewall armrest

FS 505  
27" Above Floor  
6" Inboard of Fuselage

Note:  
- All MS347xseries connectors require an M85049/52-1-xxW strain relief (where xx = Shell Size)  
- Wire is M22759/34-xx-9 or equivalent

Note:  
Pins B D F H = #12  
Pins A C E G J = #20

BY	NAME	DATE	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AIRCRAFT OPERATIONS CENTER HANGAR 5, MACDILL AFB, FLORIDA 33621		
DRAWN	TML	8/03/06	TITLE <b>C3X 3Ø Pump Relay Power Ozone '06</b>		
CHECKED			CODE IDENT NO.	SIZE	DWG NO.
STRESS					XX-XXXXXX
PROJECTS			SCALE:	NONE	filename.dxf
PROJECTS			SHEET 1 OF 1		
APPROVED					
REF					