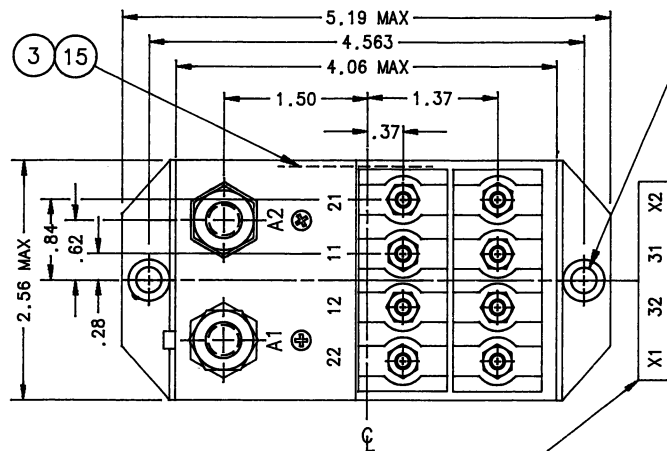


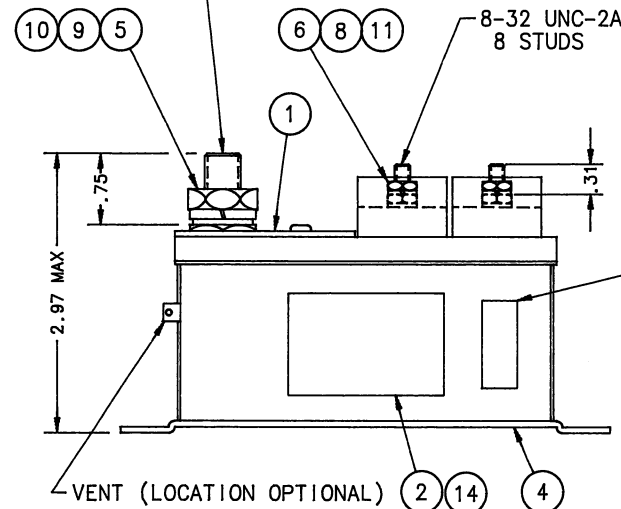
FAA/PMA

A-770WA-3			REV.
REVISIONS		RELEASED	
REV	DESCRIPTION	DATE	APPROVED
F 31823	REDRAWN, FIND NOS 14 & 15 ADDED	97/01/09	RS



3/8-24 UNF-2A
2 STUDS

THIS STAMPING TO BE
ON SIDE OF TERMINAL
BLOCK



CONSTRUCTION

MAIN CONTACTS
CONFIGURATION
VOLTAGE (NOMINAL)
CURRENT: RES.
RUPTURE

AUXILIARY CONTACTS
CONFIGURATION
VOLTAGE (NOM.)
CURRENT RES.
IND. LAMP

COIL DATA
DUTY CYCLE
NOM COIL VOLTAGE
PICKUP MAX.
DROPOUT VOLTAGE
RESISTANCE
CURRENT

ENVIRONMENTAL DATA
AMBIENT TEMP.
VIBRATION: SINE

ACCELERATION
SHOCK
ALTITUDE
LIFE ELECTRICAL
LIFE MECHANICAL
WEIGHT MAX.

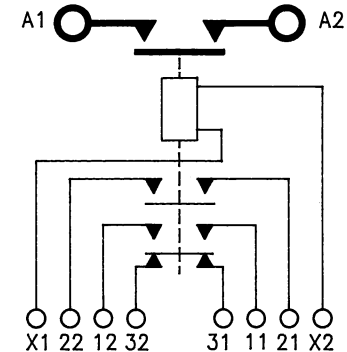
NON-METALLIC BASE, GASKET SEALED (VENTED)
CLASS A5, TYPE II/MIL-R-6106E
EXCEPT AS NOTED

SPST N.O. SIDESTABLE
28 VDC
300 AMP
3000 AMP

2SPST NO, 1PST NC
28 VDC
5 AMP
5 AMP
3 AMP

INTERMITTENT
28 VDC
16.0 VDC AT 25°C
1.5 VOLTS TO 5.5 VOLTS AT 25°C
56 OHM ±20% AT 25°C
.625 AMP MAX AT 25°C AT 28 VDC

-55°C TO +71°C
0.06" DA FROM 10 TO 55 HZ
10g FROM 57 TO 500 HZ
10g
25g MAXIMUM FOR 6 TO 9 MS
50,000 FEET MAXIMUM
50,000 CYCLES MIN.
100,000 CYCLES MIN
2 LBS.



NOTES:

1. THE CONTACTOR SHALL CONFORM TO THE REQUIREMENTS OF MIL-R-6106E TO THE EXTENT SPECIFIED HEREIN.
2. FORMAL VERIFICATION OF COMPLIANCE OF THIS DRAWING TO MIL-R-6106E SHALL BE TO THE EXTENT SPECIFIED BY HARTMAN DOCUMENT N.
3. THIS UNIT IS SIMILAR TO THE QUALIFIED A-770F (SEE TEST REPORT #141)
4. TERMINAL STUDS SHALL MEET THE REQUIREMENTS OF MIL-R-6106F PARA 3.4.8. MAIN TERMINAL STUD MATERIAL IS STAINLESS STEEL.
5. MATERIAL IDENTIFICATION:
TERMINAL BASE - GLASS MELAMINE PER MIL-P-15037C
BASE COVER PLATE - GLASS MAT POLYESTER PER MIL-M-14F
COVER - ALUMINUM
6. FOR ELECTRICAL BONDING, EXPOSE BARE METAL BY SANDING BOTTOM OF BOTH MOUNTING SURFACES AND SPOT-FACING TOP OF MOUNTING HOLES .437 DIA.

15	1	39529-007	OVERLAY-WIRING DIAGRAM			
14	1	39529-001	OVERLAY-NAMEPLATE			
13	1	39529-024	OVERLAY			
12	1	58400-094	PLATE - FAA/PMA			
11	8	51808-021	LOCKWASHER, No.8 X .296 x .040 SP	MS35338-42	STEEL	
10	2	51807-071	LOCKWASHER, 3/8 X .688 X .094 SP	MS35338-46	STEEL	
9	2	51704-161	WASHER-FLAT, 5/8 X .390 X .064		STEEL	
8	8	51702-431	WASHER-FLAT, 3/8 X 11/64 X .032		STEEL	
7	2	51202-020	SCREW-4 X 1/4 SHEETMETAL		S. STEEL	
6	8	50408-081	NUT-8-32 X 5/16 X 3/32 HEX	MS20341-85	STEEL	
5	2	50407-141	NUT-3/8-24 X 9/16 X 9/32 HEX	MS20341-6165	STEEL	
4	1	29906-010	CONTACTOR ASSEMBLY-PRI.			
3	1	29907-001	PLATE - WIRING DIAGRAM			
2	1	16043-001	PLATE NAME			
1	1	15749-001	PLATE-BASE COVER			

FIND NO	QTY REQD	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	FSCM NO	DRAWING OR SPECIFICATION	MATERIAL OR NOTE
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON			REF. DOUGLAS	HARTMAN ELECTRICAL MANUFACTURING MANSFIELD, OHIO		
2 PL DEC.	3 PL DEC.	ANGLES	DR BY	RLS	97/01/22	CONTACTOR - INTERMITTENT DUTY 300 AMPS 28 VDC 093
* .06	* .010	* 1°	CHK BY	RS	97/01/22	
			ENGR	DM	97/01/29	
			MFG	AK	97/01/28	
CMM			RELEASE			SCALE NONE SHEET
			CONTR NO.			
			GOVT APPVL			
			SIZE	CODE IDENT	DWG NO.	A-770WA-3
			C	74063		