

REV. NO.	DESCRIPTION	DATE	APPROVED
A	37834 FIND NO. 1 WAS 16043-001	98/11/04	RS
B	382761 8-32 UNF-2A STUDS WERE QTY. 3	99/01/22	RS

GASKET SEALED (VENTED)

CONSTRUCTION
 MAIN CONTACTS
 CONFIGURATION
 VOLTAGE
 CURRENT NOMINAL
 INRUSH
 CARRY

SPST N.O.
 28 VDC
 400 AMP
 1500 AMP
 1000 AMP FOR 30 SEC.

AUXILIARY CONTACTS
 CONFIGURATION
 VOLTAGE
 CURRENT RES.

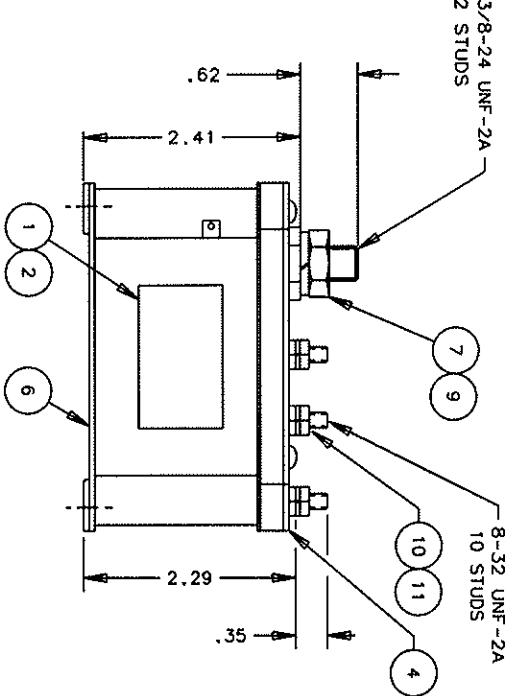
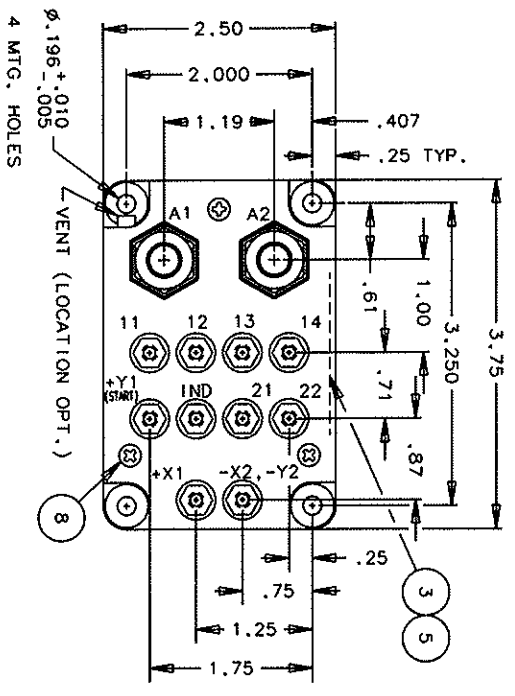
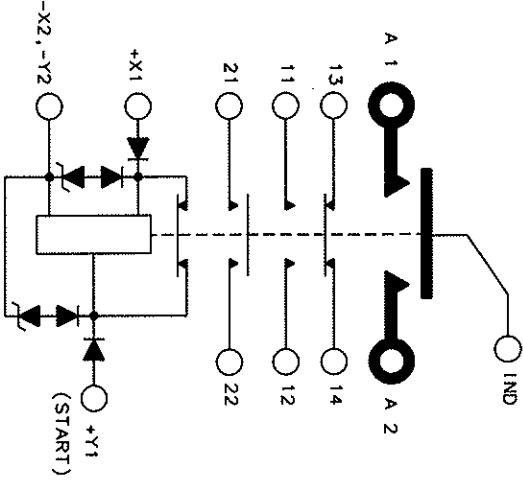
1 FORM Z, 1PST NO
 28 VDC
 5 AMP

COIL DATA
 DUTY CYCLE
 MAX OPERATE VOLTAGE
 NOM OPERATE VOLTAGE
 MAX PICKUP VOLTAGE
 DROPOUT VOLTAGE
 P.U. COIL RES. 25°C
 HOLD COIL RES. 25°C
 TRANSIENT SUPPRESSION

+X1 TO -X2
 CONTINUOUS
 (ECONOMIZING)
 30 VDC
 28 VDC
 18 VDC
 1 - 7 VDC
 24 OHM ± 10%
 80 OHM ± 10%
 * 45 V MAX

OPERATE TIME @ 28 VDC
 RELEASE TIME @ 28 VDC
 ENVIRONMENTAL DATA
 AMBIENT TEMP.
 ALTITUDE
 LIFE ELECTRICAL
 LIFE MECHANICAL
 WEIGHT (MAX)

-55°C TO 71°C
 50,000 FEET MAX
 30,000 CYCLES MIN.
 100,000 CYCLES MIN.
 1.45 LBS.



NOTES:
 1. THIS UNIT MEETS THE MATERIAL AND WORKMANSHIP REQUIREMENTS OF MIL-R-6106J.

QTY	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	FSOC NO.	DRAWING OR SPECIFICATION	MATERIAL OR NOTE
11	10	50408-034		NUT 8-32 X 5/16 X 3/32 HEX.	BRASS
10	10	51808-064		WASHER-LOCK NO. 8 .307 X .047	BRONZE
9	2	51807-084		WASHER-LOCK NO. 3/8 SPLIT TYP.	BRONZE
8	3	51200-020		SCREW NO. 4 X 1/4 PAN HD.	ST. STEEL
7	2	50407-164		NUT 3/8-24 X 5/8 X 7/32 HEX	BRASS
6	1	44087-040		CONTACTOR ASSEMBLY-PRI.	
5	1	44597-002		PLATE-WIRING DIAGRAM	
4	1	43944-004		PLATE-BASE COVER	
3	1	39529-033		OVERLAY - WIRING DIAGRAM	
2	1	39529-001		OVERLAY - NAMEPLATE	
1	1	16043-087		PLATE-NAME	

UNLESS OTHERWISE SPECIFIED TOLERANCES IN DIMENSIONS IN INCHES		HARTMAN ELECTRICAL MANUFACTURING MANSFIELD, OHIO	
* .06	* .010	START/LINE CONTACTOR 400 AMP., 28VDC	
2 PL DEC. 13 PL DEC. ANGLES		SIZE	CODE IDENT
		A	74063
		SCALE 1:2	DWG NO. A-400S
			SHEET