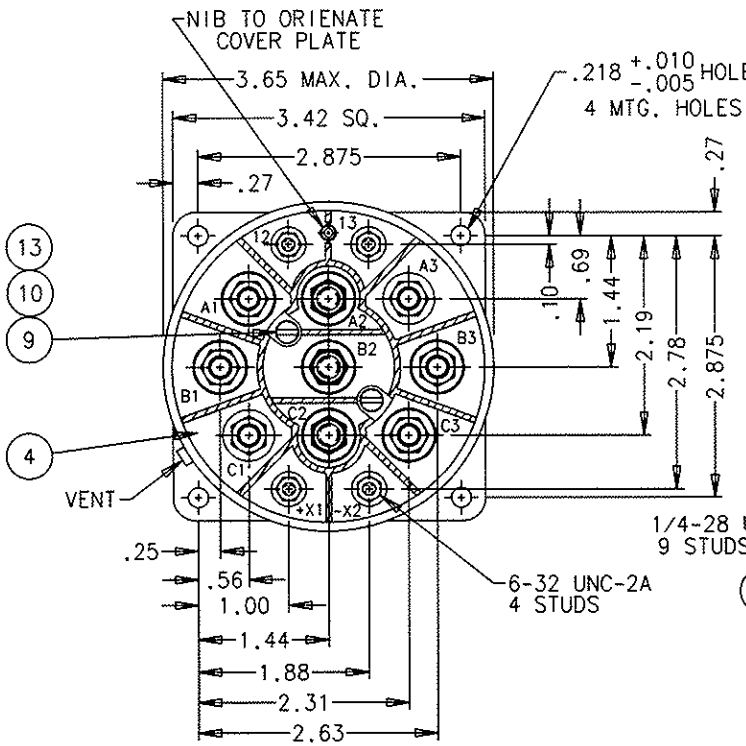
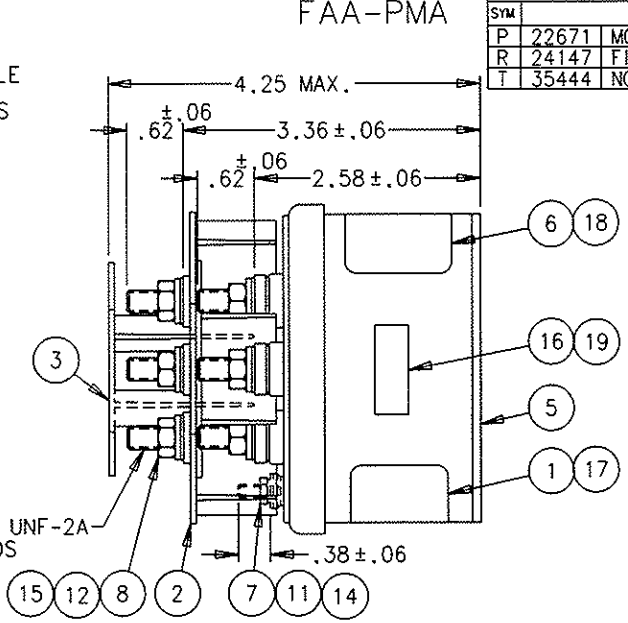
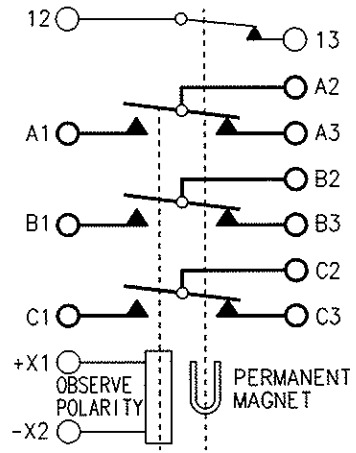
D-25BD REV. T

REVISIONS			RELEASED	
SYM	DESCRIPTION		DATE	APPROVED
P	22671	MOVED FAA-PMA FROM MARGIN	93/02/16	WS
R	24147	FIND 1 P/N WAS 001:ADD FIND 17-19	93/06/28	WS
T	35444	NOTE 2 ADDED	98/05/04	RS







NOTES:
1. MOUNTING SURFACE SHALL PROVIDE ELECTRICAL GROUND.
2. FAA/PMA PLATE (AND OVERLAY) NOT REQUIRED ON UNITS SUPPLIED TO ORIGINAL EQUIPMENT MANUFACTURERS.

CONSTRUCTION	GASKET SEALED
MAIN CONTACTS	
CONFIGURATION	3PDT
VOLTAGE (NOMINAL)	115/200 VAC, 400 HZ.
CURRENT RES.	100 AMP
IND.	100 AMP
AUXILIARY CONTACTS	SPST NC 5 AMP RES. 28 VDC
COIL DATA	
DUTY CYCLE	CONTINUOUS
OPERATING VOLTAGE	28 VDC
PICKUP	18 VDC MAX AT 71°C
DROPOUT	7 +0 -5.5 VDC
RESISTANCE	175 OHMS ±20% AT 25°C
ENVIROMENTAL DATA	
OPERATING TEMP.	-55°C TO +71°C
VIBRATION	A8
ALTITUDE	50,000 FT. MAX.
LIFE ELECTRICAL	50,000 CYCLES MIN.
WEIGHT MAX.	2 LBS. 5 1/2 OZ.
MAX. INTER.	600 AMPS

FIND NO	QTY REQD	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	FSCM NO	DRAWING OR SPECIFICATION	MATERIAL OR NOTE
19	1	39529-047	OVERLAY			
18	1	39529-009	OVERLAY			
17	1	39529-025	OVERLAY			
16	1	58400-036	PLATE - FAA/PMA			
15	9	51807-034	WASHER LOCK 1/4 SPLIT		AN935B416	BRONZE
14	4	51806-014	WASHER LOCK NO. 6 SPLIT		AN935B6	BRONZE
13	2	51805-011	WASHER LOCK NO. 5 SPLIT		AN935B5L	BRONZE
12	9	51703-064	WASHER 1/2 X 17/64 X .032 FLAT		AN960B416	BRASS
11	4	51702-204	WASHER 3/8 X 9/64 X .032 FLAT		AN906B-6	BRASS
10	2	51701-180	WASHER .015 X .103 X 3/16			MYLAR
9	2	51205-411	SCREW 5-40 X 1 3/8 RD. HD.			STEEL
8	9	50407-074	NUT 1/4-28 X 3/8 X 3/16 HEX.			BRASS
7	4	50406-034	NUT 6-32 X 1/4 X 5/64 HEX.			BRASS
6	1	26011-001	PLATE - WIRING DIAGRAM			
5	1	20074-070	CONTACTOR ASSEMBLY - PRI.			
4	1	17542-018	PLATE - BASE COVER			
3	1	17540-001	SHIELD - TERMINAL, TOP			ZYTEL
2	1	17539-001	SHIELD - TERMINAL			ZYTEL
1	1	16043-050	PLATE - NAME			

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON

2 PL DEC.	3 PL DEC.	ANGLES
±.03	±.010	± 1°

MATERIAL

REF. CMM BOEING

DR BY	RLS	98/05/28
CHK BY	RS	98/05/28
ENGR	[illegible]	98/06/04
MFG	[illegible]	98/06/03

RELEASE
CONTR NO.
GOVT APPVL

HARTMAN ELECTRICAL MANUFACTURING
MANSFIELD, OHIO

CONTACTOR - 3PDT SIDESTABLE-SINGLE BREAK-100A.,400 HZ., 28 VDC COIL

093

SIZE	CODE IDENT	DWG NO.
C	74063	D-25BD

SCALE 1:2 SHEET