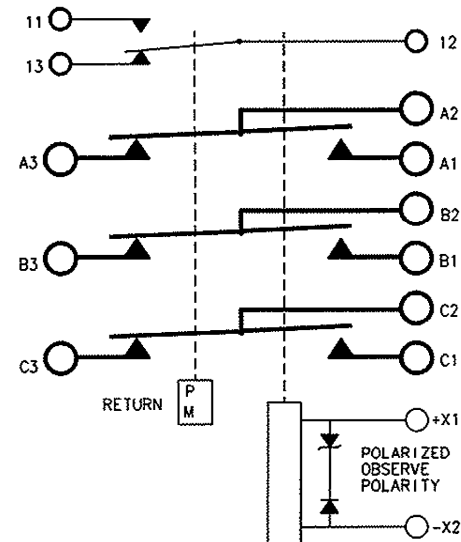
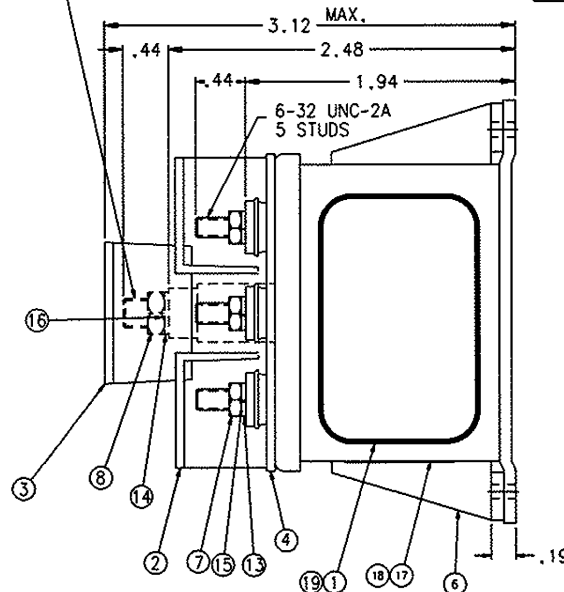
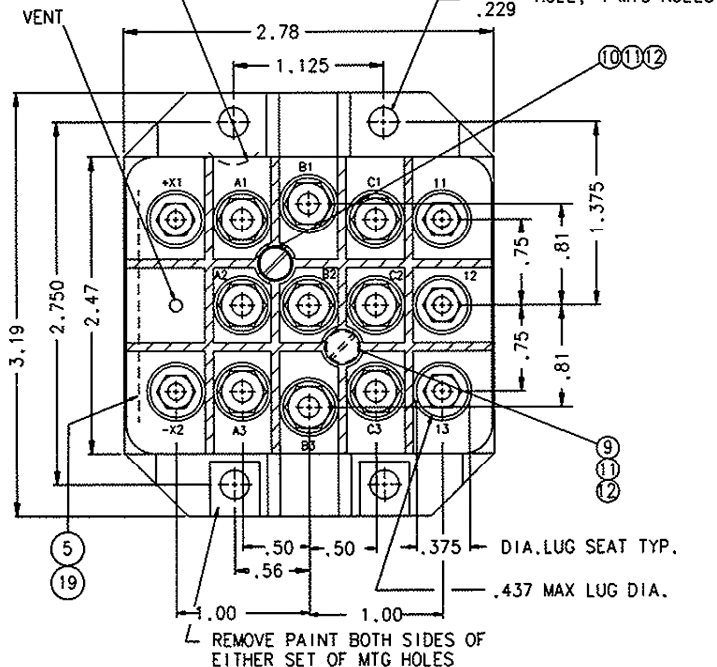


[illegible]

19	2	39529-023	OVERLAY				2	1	20112-000	SHIELD - TERMINAL			
18	1	39529-006	OVERLAY - WARNING PLATE				1	1	16043-001	PLATE - NAME			
FIND NO	QTY REQD	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	FSCM NO	DRAWING OR SPECIFICATION	MATERIAL OR NOTE	FIND NO	QTY REQD	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	FSCM NO	DRAWING OR SPECIFICATION	MATERIAL OR NOTE

17	1	25695-001	PLATE - WARNING			
16	9	51702-851	WASHER-7/16 X 13/64 X .032		AN960-10L	FLAT STEEL
15	5	51702-211	WASHER-3/8 X 9/64 X .032		AN960-6	FLAT STEEL
14	9	51810-031	WASHER LOCK - #10 SPLIT		MS35338-43	STEEL
13	5	51806-021	WASHER LOCK - #6 SPLIT		MS35338-41	STEEL
12	2	51805-011	WASHER LOCK - #5 SPLIT			BRONZE
11	2	51701-180	WASHER - 3/16 X .103 X .015			MYLAR
10	1	51205-391	SCREW - 5-40 X 11/8 RD. HD.			STEEL
9	1	51205-591	SCREW 5-40 X 3/8 RD. HD.			BRASS
8	9	50410-061	NUT - 10-32 X 3/8 X 1/8 HEX.		MS35650-302	STEEL
7	5	50406-071	NUT - 6-32 X 5/16 X 7/64 HEX.		MS35649-262	STEEL
6	1	29360-040	CONTACTOR ASSEMBLY - PRIMARY			
5	1	31738-001	PLATE - WIRING DIAGRAM			
4	1	29376-001	PLATE - BASE COVER			
3	1	20115-003	SHIELD - TERMINAL TOP			
2	1	20114-001	SHIELD - TERMINAL			
1	1	16043-001	PLATE - NAME			

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON

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

5	DASH NO.	NEXT ASSY	USED ON
APPLICATION			

DR BY	RSL	98/03/26
CHK BY	RES	98/03/26
ENGR	PCN	98-4-2
MFG	(C)	98/04/01
RELEASE		
CONTR NO.		
GOVT APPVL		

HARTMAN ELECTRICAL MANUFACTURING
MANSFIELD, OHIO

CONTACTOR-3PDT SIDE STABLE
50 AMP., 115/200 VAC., 400 HZ

SIZE	CODE IDENT	DWG NO.
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C 74063

D-7GT

SCALE	NONE
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SHEET 1 OF 2

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HARTMAN ELECTRICAL MFG.

D-7GT

REV. J

REVISIONS

RELEASED

REV	ECN	DESCRIPTION	DATE	APPROVED
J		SEE PAGE 1 FOR REVISION		

HARTMAN ELECTRICAL PROPRIETARY (DO NOT COPY)

CONSTRUCTION

METALLIC BASE GASKET SEALED (VENTED)

MAIN CONTACT

CONFIGURATION
VOLTAGE (NOMINAL)
CURRENT-RES.
IND.
MOTOR
RUPTURE
OVERLOAD

3 PDT SIDE STABLE
115/208 VAC 400 HZ
50
50
30
800
400

AUXILIARY CONTACTS

CONFIGURATION
VOLTAGE (NOMINAL)
CURRENT - RESISTIVE
IND.
LAMP

SPDT
28 VDC 115 VAC 400 HZ
3 AMP 3 AMP
3 AMP 3 AMP
1 AMP 1 AMP

LIFE ELECTRICAL

50,000 CYCLES MIN.

LIFE MECHANICAL

100,000 CYCLES MIN.

COIL DATA

DUTY CYCLE
NOM. COIL VOLTAGE
PICKUP MAX.
DROPOUT VOLTAGE
COIL RES. AT 25°C
COIL CURRENT AT 25°C
PICKUP TIME
DROPOUT TIME

CONTINUOUS
28 VDC
15 VDC AT 25°C
7 VOLTS MAX. AT 25°C
126 OHMS ±20%
.280 AMPS MAX. AT 28 VDC
50 MS AT 28 VDC AT 25°C
25 MS AT 28 VDC AT 25°C

ENVIRONMENTAL DATA

AMBIENT TEMPERATURE
VIBRATION: SINE

-55°C TO +71°C
0.036 INCH D A FROM 10 TO 55 HZ
5 G'S FROM 55 TO 500 HZ

ACCELERATION

SHOCK

ALTITUDE

MAX. WEIGHT

10 G'S
25 G'S MAX FOR 6 TO 9 MS
50,000 FEET MAX
1 LBS. 2 OZ

NOTES:

1. THIS UNIT MEETS THE MATERIAL & WORKMANSHIP REQUIREMENTS OF MIL-R-6106
2. COIL TRANSIENT VOLTAGE LIMITED TO ±45 VOLTS.
3. DIODES TO BE JANTX 1000 PIV
4. SUITABLE FOR UNSYNCHRONIZED LOAD TRANSFER PER MIL-R-6106.
5. TRANSFER OPEN CIRCUIT TIME 1.5MS MIN.
6. TERMINAL SHIELD DESIGNED TO ACCEPT BURNDY TERMINALS YAEV8C AND YBM8C.
7. FORMAL VERIFICATION OF COMPLIANCE OF THIS DRAWING TO MIL-R-6106E SHALL BE TO THE EXTENT SPECIFIED BY HARTMAN DOCUMENT NO. QR-535 FM
8. SUITABLE FOR USE ON 50 AMP LOAD TRANSFER APPLICATIONS. 50,000 OPERATIONS AT .7 P.F.
9. MATERIAL DATA: TERMINAL BASE-BRASS, CASE ALUMINUM, PLATE-BASE COVER ④ GLASS MELAMINE MIL-P-15037C, TERMINAL SHIELD ② & ③ NYLON 3001 MAIN TERMINAL STUDS-CA #175 BRY.COPPER

			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON			HARTMAN ELECTRICAL MANUFACTURING MANSFIELD, OHIO		
			2 PL DEC.13 PL DEC.1 ANGLES			DR BY RLS 98/03/26		
						CHK BY RS 98/03/26		
						ENGR 98/03/26		
			MATERIAL			MFG 98/04/01		
						RELEASE		
						CONTR NO.		
						GOVT APPVL		
DASH NO.	NEXT ASSY	USED ON				SIZE	CODE IDENT	DWG NO.
						C	74063	D-7GT
APPLICATION						SCALE NONE		SHEET 2 OF 2