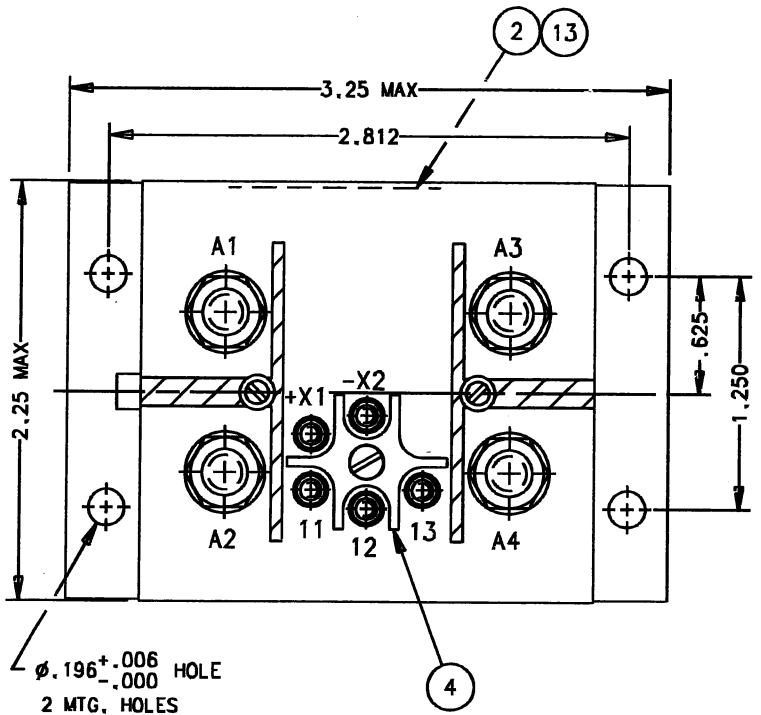


FAA/PMA

REVISIONS		RELEASED	
SYM	DESCRIPTION	DATE	APPROVED
K	31943 FIND NO 14 QTY WAS 2	97/01/23	R.S.
L	0158-02 ITEM 2 WAS 42776-001	02/10/14	CC



CONSTRUCTION
MAIN CONTACTS
CONFIGURATION
VOLTAGE-NOMINAL
CURRENT-RES.

GASKET SEALED, VENTED
SPDT SIDE STABLE
28 VDC
100 AMP

AUX. CONTACTS
CONFIGURATION
VOLTAGE
CURRENT-RES.

SPDT
28 VDC OR 115 VAC 400 HZ
5 AMP

COIL DATA

DUTY CYCLE
NOM. COIL VOLTAGE
PICKUP MAX.
DROPOUT VOLTAGE
COIL CURRENT (HOLD)
OPERATE TIME • 28 VDC 25°C
RELEASE TIME • 28 VDC 25°C

CONTINUOUS
28 VDC
15 VDC AT 25° C
2.5 - 6.5 VDC AT 25° C
.2 AMP MAX. AT 28 VDC AT 25° C
TYPICAL 15 MS
MAX. 20 MS
TYPICAL 8 MS
MAX. 15 MS

ENVIRONMENTAL DATA

AMBIENT TEMP.
ALTITUDE
SHOCK
VIBRATION
ACCELERATION

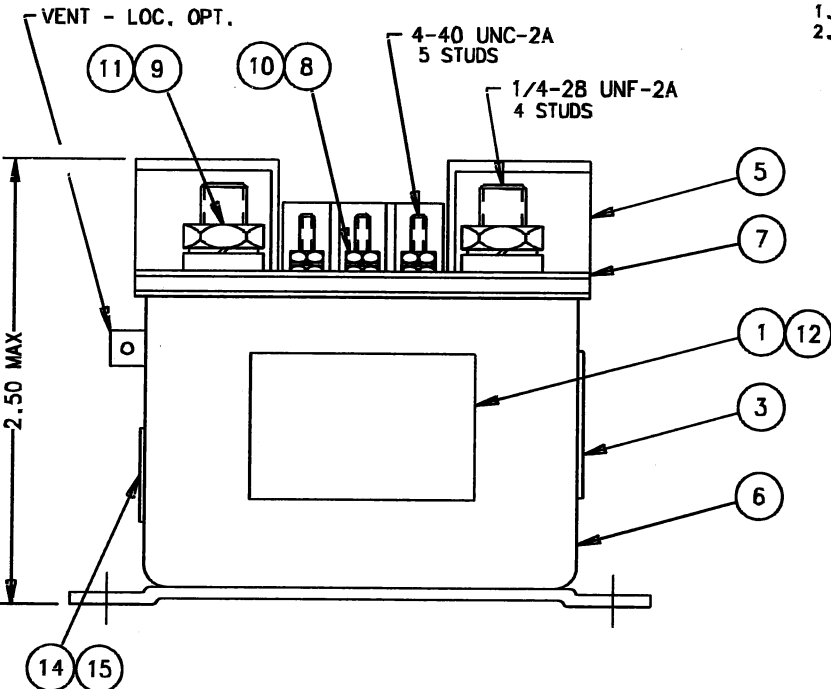
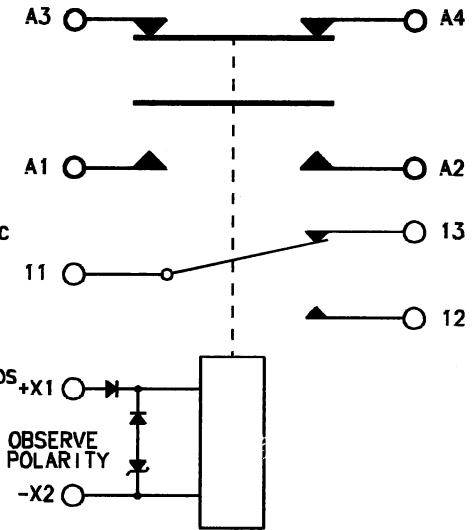
- 55° C TO + 71° C
50,000 FT. MAX.
25 G'S MAX. 6 TO 9 MILLISECONDS
10 G'S SINE
10 G'S

LIFE ELECTRICAL
LIFE MECHANICAL
WEIGHT MAX.

50,000 CYCLES MIN.
100,000 CYCLES MIN.
12 OZ.

NOTE:

1. COIL TRANSIENT VOLTAGE LIMITED TO ± 45 VOLTS
2. THIS UNIT MEETS THE MATERIAL AND WORKMANSHIP REQUIREMENTS OF MIL-R-6106



15	1	58400-169	PLATE - FAA/PMA		
14	1	39529-024	OVERLAY		
13	1	39529-013	OVERLAY		
12	1	39529-001	OVERLAY		
11	4	51807-034	WASHER - LOCK, NO.1/4, SPLIT		BRONZE
10	10	51804-014	WASHER - LOCK, NO.4, SPLIT		BRONZE
9	4	50407-074	NUT 1/4-28 X 3/8 X 3/16 HEX		BRASS
8	10	50404-044	NUT 4-40 X 5/32 X 1/16 HEX		BRASS
7	1	42735-001	PLATE - BASE COVER		
6	1	42577-010	CONTACTOR ASSEMBLY - PRIMARY		
5	2	42765-020	TERMINAL SHIELD ASSEMBLY		
4	1	42773-010	TERMINAL SHIELD ASSEMBLY		
3	1	25695-001	PLATE - WARNING		
2	1	42775-001	PLATE - WIRING DIAGRAM		
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
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON			REF CANADA IR	TYCO Electronics		
2 PL DEC, 3 PL DEC, ANGLES			DR BY CSC 02/10/21	Hartman Division, 175 N. DIAMOND STREET MASSFIELD, OHIO 44802		
± .06 ± .010 ± 1°			CHK BY CC 02/10/23	CONTACTOR - D.C SPDT		
			ENGR DKN 02-10-23	100 AMPS 093		
			MFG EDV 02-10-23	DWG NO. NN-449B		
			SIZE C	CODE IDENT 74063		
			SCALE 1/1	SHEET		
			REF TYCO P/N 0-1616095-5			