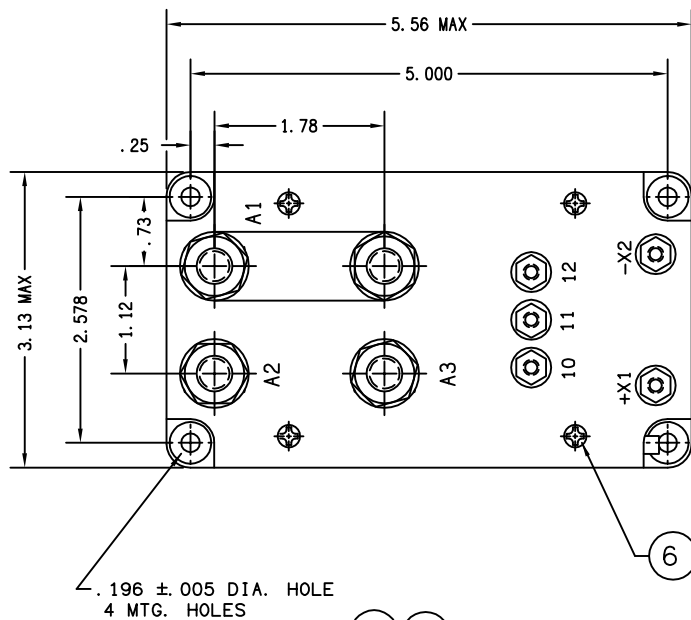


A-981S

REV.
C

CONSTRUCTION
MAIN CONTACTS
CONFIGURATION
VOLTAGE (NOMINAL)
CURRENT:

GASKET SEALED (VENTED)

SPDT
28 VDC
400 AMP CONTINUOUS
1500 AMP INRUSH
1000 AMP FOR 30 SECONDS

COIL DATA
DUTY CYCLE
MAXIMUM OPERATION
NOMINAL OPERATION
PICKUP
DROPOUT VOLTAGE
RESISTANCE:

CONTINUOUS (ECONOMIZING)
31 VDC
28 VDC
18 VDC MAX.
1-10 VOLTS
6 OHM ± 20% AT 25°C
79 OHM ± 20% AT 25°C

TRANSIENT SUPPRESSION

+/- 45 VOLTS MAX.

ENVIRONMENTAL DATA

OPERATE TEMP.

LIFE ELECTRICAL

LIFE MECHANICAL

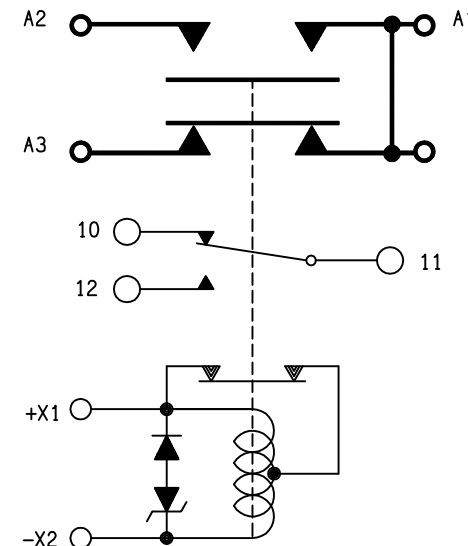
WEIGHT, MAX. (EST.)

-55°C TO +71°C
50,000 OPERATIONS MINIMUM
100,000 OPERATIONS MINIMUM
3.0 LBS.

NOTES:

1. THIS UNIT DESIGNED TO THE MATERIAL AND WORKMANSHIP
REQUIREMENTS OF MIL-R-6106.

2. MOUNTING SURFACE SHALL PROVIDE ELECTRICAL GROUND.



3/8-24 UNF -24
4 STUDS

8-32 UNF-2A
5 STUDS

VENT
(LOCATION OPTIONAL)

10	1	16704-011	BUS BAR		
9	1	44153-001	PLATE - WIRING DIAGRAM		
8	5	51808-034	WASHER - LOCK #8		SPLIT BRONZE
7	4	51807-084	WASHER - LOCK 3/8 X .688 X .094		SPLIT BRONZE
6	4	51200-020	SCREW #4 X 1/4 SHEET METAL		S. STEEL
5	5	50408-034	NUT 8-32 X 1/4 X 5/64 HEX		BRASS
4	4	50407-164	NUT 3/8-24 X 5/8 X 7/32 HEX		BRASS
3	1	44144-010	CONTACTOR ASSEMBLY - PRIMARY		
2	1	44148-001	PLATE - BASE COVER		
1	1	16043-001	PLATE - NAME		
FIND NO	QTY REQD	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	DRAWING OR SPECIFICATION	MATERIAL OR NOTE

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON

2 PL DEC. 3 PL DEC. ANGLES
±.06 ±.010 ± 1°

MATERIAL

REF.

BOEING HELECOPTER

DR BY DLM 94/10/04
CHK BY CSE 94/10/16
ENGR DM 94/10/16
MFG JH 94/10/16

SIZE CODE IDENT
C 74063

SCALE NONE SHEET

TE

Hartman Division 175 N. DIAMOND STREET MANSFIELD, OHIO 44902

CONTACTOR SPDT 400 AMP
28 VDC CONT. DUTY

DWG NO. A-981S

REF TE P/N 1616083-7