

| REVISIONS | | | RELEASED | APPROVED |
|-----------|--|----------|----------|----------|
| REV. | DESCRIPTION | DATE | | |
| P | 33862 FIND NO 12 52916-01T REMOVED. CONNECTOR REF ADDED. KEYWAY RELOCATED. FIND NOS 14 & 15 ADDED. | 97/10/06 | | RS |
| R | 42133 EVAC TUB RELOCATED. CON. WAS MS83723-80-162AN, 1500 HZ WAS 500 ON VB. REF WAS GEN DYNAMICS | 00/03/01 | | RS |
| T | 11-019398 ADDED ITEM 16 | 11/04/12 | | CB |
| U | 14-019365 ITEM 7 WAS 50407-074 NUT; ITEM 11 WAS AN9358416 | 14/12/29 | | MDM |

CONSTRUCTION

MAIN CONTACTS
CONFIGURATION
VOLTAGE NOMINAL
CURRENT RESISTIVE
INDUCTIVE
MOTOR
RUPTURE
OVERLOAD

AUXILIARY CONTACTS

CONFIGURATION
VOLTAGE (NOMINAL)
CURRENT RESISTIVE
INDUCTIVE
LAMP

LIFE ELECTRICAL

LIFE MECHANICAL

COIL DATA
DUTY CYCLE
MAX. OPERATE VOLTAGE
MIN. OPERATE VOLTAGE

COIL CURRENT
TRIP CURRENT
OPERATING TIME

TRANSFER TIME MAX.

ENVIRONMENTAL DATA

AMBIENT TEMPERATURE
VIBRATION, SINE
ACCELERATION
SHOCK
ALTITUDE
WEIGHT, MAX.

HERMETICALLY SEALED

3 PDT CENTER OFF LATCHING
115/200 VAC 400 HZ
120 AMPS
120 AMPS
80 AMPS
1000 AMPS
800 AMPS

6 PDT
28 VDC OR 115 VAC 400 HZ
5 AMPS
5 AMPS
1 AMP

50,000 CYCLES MIN.
100,000 CYCLES MIN.

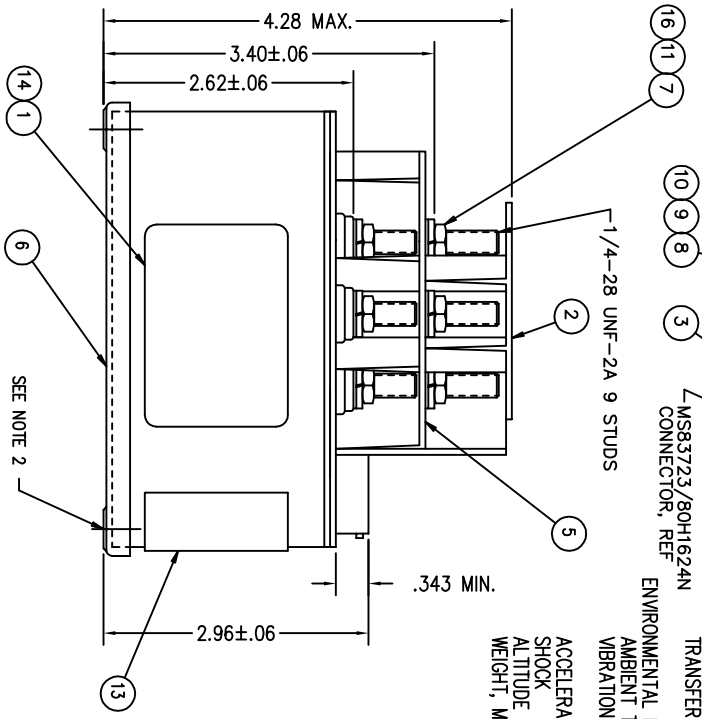
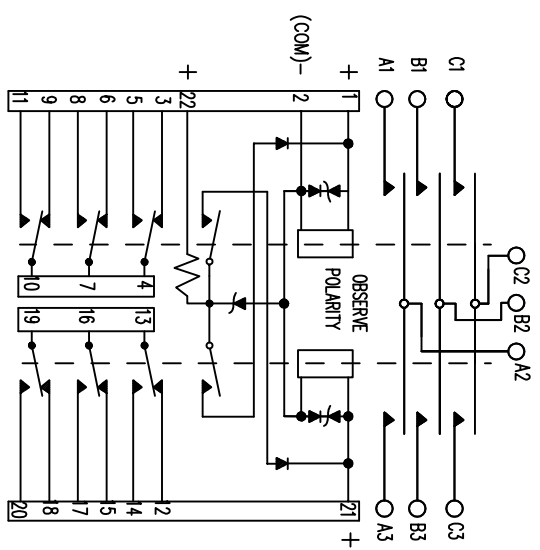
CONTINUOUS
30VDC
18VDC

0.215 AMP MAX AT 25°C AND 28VDC (EA. COIL)
0.250 AMP MAX AT 25°C AND 28VDC
(AT ROOM TEMPERATURE AND 28 VDC)

35 MILLISECONDS

-55°C TO 71°C
.06 INCH DA FROM 10 TO 60 HZ
10 G'S FROM 60 TO 1500 HZ
10 G'S
15 G'S MAX FOR 11 MS ±1
60,000 FEET MAX.
2 LBS. 10 OZ.



CONFIGURATION CONTROLLED



NOTE:

1. APPLY VOLTAGE TO +1 -2 ONLY,CLOSES A1,B1,C1 FROM ANY POSITION
APPLY VOLTAGE TO +21 -2 ONLY,CLOSES A3,B3,C3 FROM ANY POSITION,
APPLY VOLTAGE TO +22 -2 ONLY,RETURNS TO CENTER OFF POSITION FROM EITHER POSITION
2. FOUR MTG. HOLES SHALL BE PAINT-FREE ON BOTH SIDES OF THE MOUNTING FLANGE FOR
GROUNDING PURPOSES.
3. COIL TRANSFER VOLTAGE LIMITED TO ±50 VOLTS REFERENCED TO ZERO VOLTS.

| | | | | | | | |
|---|----------|------------------------|------------------------------|--|---------|--------------------------|------------------|
| 16 | 9 | 51703-070 | FLAT WASHER | | | | |
| 15 | 1 | 39529-008 | OVERLAY-WIRING DIAGRAM | | | | |
| 14 | 1 | 39529-001 | OVERLAY-NAMEPLATE | | | | |
| 13 | 1 | 17959-001 | PLATE - WARNING | | | | |
| 12 | | | | | | | |
| 11 | 9 | 51807-034 | WASHER-LOCK 1/4 SPLIT | | | MS35338-101 | BRONZE |
| 10 | 2 | 51805-011 | WASHER-#5 SPLIT, LOCK | | | | BRONZE |
| 9 | 2 | 51205-411 | SCREW-5-40 X 1 3/8 RD.HD. | | | | STEEL |
| 8 | 2 | 51701-180 | WASHER-.015 X .103 X 3/16 | | | | MYLAR |
| 7 | 9 | 50407-364 | NUT-1/4 X 7/16 X 3/16 HEX | | | MS35650-3255 | BRASS |
| 6 | 1 | 33462-010 | CONTACTOR ASSEMBLY - PRIMARY | | | | |
| 5 | 1 | 19689-010 | TERMINAL SHIELD ASSEMBLY | | | | |
| 4 | 1 | 33470-001 | PLATE-WIRING DIAGRAM | | | | |
| 3 | 1 | 18345-003 | PLATE-BASE COVER | | | | |
| 2 | 1 | 17540-001 | SHIELD-TERMINAL TOP | | | | |
| 1 | 1 | 41073-001 | 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 IN | | | | | | | |
| 2 PL DEC. 3 PL DEC. ANGLES ± .03 ± .010 ± 1° | | | | | | | |
| REF. | | | LOCKHEED FT WORTH | | | | |
| C-4925-1 | | | SCALE NONE SHEET | | | | |
| | | | REF TE P/N 1616050-7 | | | | |

| | | | |
|--|------------|---|--|
| DR BY RLS 00/04/26 | |  | 175 N. DIAMOND STREET MANSFIELD, OHIO 44902 |
| CHK BY RS 00/04/26 | | | |
| ENGR MRR 00/05/01 | | | |
| MFG CC 00/05/02 | | | |
| SIZE | CODE IDENT | | |
| C | 74063 | | |
|  | | DWG NO. | |
| | | DHL-31 | |
| | | 993 | |

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