

RELEASED	
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SN	DESCRIPTION	DATE	APPROVED
K 39101	REDRAWN, FIND NOS 12-14 ADDED	99/04/07	RS
L 41635	BALLOON 11 WAS 2.51 & .93 REMOVED	00/02/17	RS

3PST (DOUBLE BREAK) MAGNETIC LATCHING

175 ALP CONTINUOUS

250 AWP 5 MIN  
27E AWP 4E CTC213 AUG 13  
3 0000 AMPS

000000

3

6 JUL 115 VAC 400 HZ  
28 YDC

75 AT  
20 BU

5 AND

AMP

01

CONTINUED (SELF-DEFENDING)

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15 TO 30 VDC

20 MS MAX AT 15 VDC

4.4  $\pm 10\%$  O-HA

6 AMPS MAX

15 TO 30 VDC

15 MS A1 15

5 AMPS MAX

2000

**-55°C TO +71°C MAX**

50,000 FT MAX

15 G'S HALF SINE FOR 11 MS

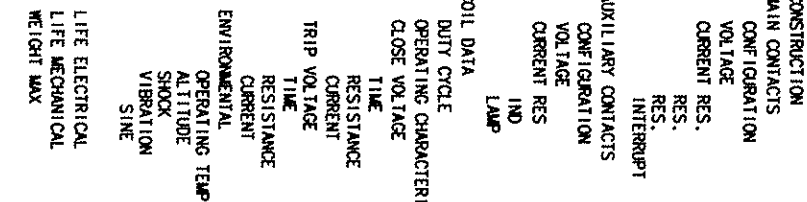
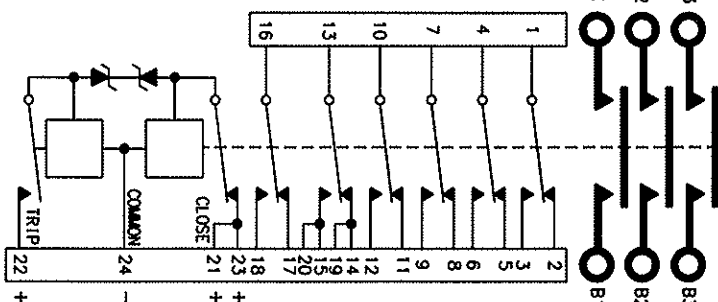
17 DA 5-281

565 28-100H

**50,000 CYCLES**

100,000 CYCLES MIN

2 LBS 7 OZ



- NOTES:
1. TERMINAL COVER ITEM NO. 1 REMOVED FROM TOP VIEW.
  2. MOUNTING SURFACE SHALL PROVIDE ELECTRICAL GROUND
  3. TRANSIENTS LIMITED TO  $\pm 42$  VDC.

14	1	39529-024	OVERLAY - FAA/PMA			
13	1	39529-001	OVERLAY - NAME/PLATE			
12	1	39529-049	OVERLAY - WIRING DIAGRAM			
11	1	58400-032	PLATE - FAA/PMA			
10	1	52416-005 (REF)	CONNECTOR, BACC 45 FN-16-24P			BRONZE
9	6	51807-034	WASHER LOCK, 1/4 SPL IT			BRONZE
8	4	51804-021	WASHER LOCK - NO. 4 INT			AN935A4B
7	6	51703-064	WASHER, 1/2 X 17/64 X .032 FLAT			BRASS
6	4	51204-251	SCREW 4-40 X 1/4 RD. HD.			STEEL
5	6	50407-074	NUT 1/4-28 X 3/8 X 3/16 HEX			BRASS
4	1	39519-010	CONTRACTOR ASSEMBLY - PRIMARY			
3	1	39514-001	PLATE - WIRING DIAGRAM			
2	1	16043-001	PLATE - NAME			
1	2	30280-001	COVER-TERMINAL TOP			

FIND NO	QTY	PART OR IDENTIFYING NO	NAME/CALLOUT OR DESCRIPTION	FSCA NO	DRAWING OR SPECIFICATION	MATERIAL OR NOTE
HARTMAN ELECTRICAL MANUFACTURING MANFIELD, OHIO						
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (TOLERANCES ON)						
2 PL DEC. 1/3 PL DEC. ANGLES						
* .06 .010 * 1 *						
REF.						
BOEING						
DR BY RLS MM/03/03						
CHK BY EES 02/03/03						
ENG RVC 05-03-06						
MF G Y/B 05-03-09						
RELEASE						
CONTR NO.						
GOVT APPVL						
SCALE NONE						
C 74063 B-451						
SIZE CODE IDENT DWG NO.						
CONTACTOR - 3PST MAGN. LATCH						
175 AMP 115/200 V. 400 HZ.						
093						
SHEET						

# Mouser Electronics

Authorized Distributor

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[B451](#)