



REVISIONS		RELEASED	
REV.	DESCRIPTION	DATE	APPROVED
Z	18931 REDRAWN, NOTES UPDATED, COIL CURRENT WAS .18 AMP MAX	88/10/12	RS
AA	21728 REDRAWN TO CAEDS; UPDATED VIEWS	92/01/20	RS
AB	09-023188 ITEM 8 WAS -248, ITEM 9 WAS -138, ITEM 10 WAS -821	09/08/13	CB

**CONSTRUCTION** HERMETICALLY SEALED

**CONTACTS** SPDT DOUBLE BREAK  
 RES., 115V, 400HZ, OR 28 VDC 50 AMP  
 IND., 115V, 400HZ, OR 28 VDC 50 AMP  
 MOTOR, 115V, 400HZ, OR 28 VDC 50 AMP

**COIL DATA**  
 VOLTAGE, NOM. 24 TO 28 VDC  
 VOLTAGE, MAX. 30 VDC  
 CURRENT AT 25°C .5 AMP MAX  
 PICKUP AT 25°C 18 VDC MAX  
 DROPOUT 7 +0/-5.5 VDC

**AMBIENT TEMP.** 120° C  
**RATED DUTY** CONTINUOUS  
**VIBRATION** 15G, 300-600 HZ  
 14G, 600-700 HZ  
 10G, 5-1500 HZ

**ALTITUDE** 80,000 FT  
**MINIMUM CYCLES** 50,000  
**MAX. WEIGHT** 13-1/2 OZ

**NOTES:**  
 1. CONTACTOR MEETS THE MATERIALS AND WORKMANSHIP REQUIREMENTS OF MIL-R-6106.  
 2. MOUNTING SURFACE SHALL PROVIDE ELECTRICAL GROUND.

14	4	51712-194	WASHER - 7/16 X .203 X .031 FLAT	AN961-10	BRASS	
13	2	51702-144	WASHER - 5/16 X .140 X .025 FLAT	AN961-6	BRASS	
12	2	51805-011	WASHER - LOCK, NO. 5, SPLIT		BRONZE	
11	2	51701-180	WASHER - 3/16 X .103 X .015		MYLAR	
10	2	51205-291	SCREW - 5-40 X 5/8 RD HD		BRASS	
9	4	50400-588	NUT - 10-32 ALCOA H10-3	NAS679-A3W	STEEL	
8	2	50400-598	NUT-6-32 ALCOA H10-06	NAS679-A06W	STEEL	
7	1	16615-020	RELAY ASSEMBLY - PRIMARY			
6	1	15711-001	PLATE - NAME & WIRING DIAGRAM			
5	1	30849-002	PLATE - TERMINAL IDENTIFICATION			
4	1	30849-001	PLATE - TERMINAL IDENTIFICATION			
3	1	16595-001	PLATE - SHIELD			
2	1	16407-002	PLATE - BASE COVER			
1	1	16402-001	SHIELD - TERMINAL			
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

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

REF BOEING 10-20131-501

DR BY CSE 96/01/04  
 CHK BY RS 96/01/15  
 ENGR FW 96/01/16  
 MFG JF 96/01/16

SIZE C CODE IDENT 74063

SCALE NONE SHEET

**Tyco Electronics**  
 Hartman Division - 175 N. DIAMOND STREET MANSFIELD, OHIO 44902

RELAY - SPDT  
 HERMETICALLY SEALED

DWG NO. DH-7J

REF TE P/N 8-1616927-9

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