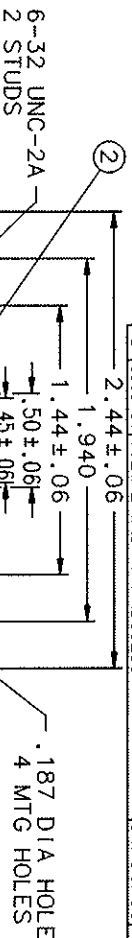
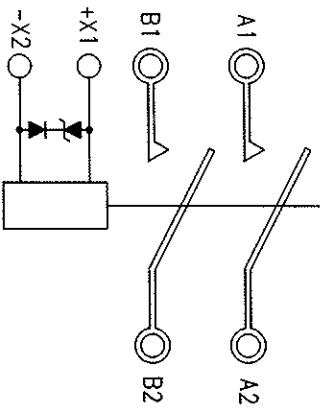


REV	DESCRIPTION	DATE	APPROVED
E	42184 ITEM 3 WAS SD152010, .035 WAS .062	04-12-00	RS
F	0081-04 ADDED DIODES TO WIRING DIAGRAM	04/02/11	CB
G	0360-04 ITEM 2 WAS P/N WD002003	04/06/03	BR



- NOTES:
- THE RELAY SPECIFIED HEREIN SHALL BE A POWER RELAY WITH A 28 VDC COIL AND TWO-POLE, SINGLE-THROW, NORMALLY OPEN CONTACTS. THE RELAY SHALL CONFORM TO THE GENERAL REQUIREMENTS OF MIL-R-6106 WITH THE FOLLOWING EXCEPTIONS AND DETAIL REQUIREMENTS.
 - THE SELECTION CRITERIA SHALL BE THE DETAIL REQUIREMENTS, MARKING REQUIREMENTS AND THE QUALITY ASSURANCE PROVISIONS.
 - PHYSICAL AND MECHANICAL CHARACTERISTICS SHALL BE AS FOLLOWS:
 - DIMENSIONS AS SHOWN ON FIGURE 1. SHAPE IS OPTIONAL WITHIN THE LIMITS SHOWN.
 - WEIGHT 0.5 LBS MAXIMUM
 - ENCLOSURE HERMETICALLY SEALED
 - OPERATING CHARACTERISTICS SHALL BE AS FOLLOWS
 - OPERATING VOLTAGE 24 TO 36 VDC
 - COIL RESISTANCE 150 OHMS MINIMUM CONTINUOUS
 - DUTY CYCLE 42 VDC MAXIMUM TRANSIENT
 - ARC SUPPRESSION 22 VDC MAXIMUM AT 66°C
 - PICK-UP VOLTAGE 1.0 VDC MINIMUM AT -28°C
 - DROP-OUT VOLTAGE 20 mSEC MAXIMUM AT 28 VDC AND 25°C
 - OPERATE TIME 10 mSEC MAXIMUM AT 28 VDC AND 25°C
 - RELEASE TIME 2 mSEC MAXIMUM
 - CONTACT BOUNCE TIME 50 VDC
 - CONTACT RATING 15 AMP
 - CONTACT VOLTAGE DROP 150 mV MAXIMUM AT 15 A, RESISTIVE
 - ENVIRONMENTAL RATINGS SHALL BE AS FOLLOWS
 - TEMPERATURE RANGE -28° C TO 66° C
 - VIBRATION SCAN MIL-STD-202, METHOD 204, 10 G FROM 5 TO 1500 Hz SINUSOIDAL
 - SHOCK MIL-STD-202, METHOD 213, CONDITION A, NO DAMAGE
 - ELECTRICAL LIFE 50,000 OPERATIONS

NOTE: 5
 A. LOCATION OF THREADED STUDS TO MAJOR DIAMETER.
 B. INTERPRET THREADS IN ACCORDANCE WITH FED-STD-H28.



QTY	PART OR IDENTIFYING NO	NAMEPLATE	NO ENCAPSULATION OR DESCRIPTION	CAGE NO	DRAWING OR SPECIFICATION	MATERIAL OR NOTE
4	18SP10S0	WASHER LOCK NO. 8	SPLIT			SST
2	L6SP10S0	WASHER LOCK NO. 6	SPLIT			SST
4	W8037BS0	WASHER FLAT NO. 8				BRASS
2	W6037BS0	WASHER FLAT NO. 6				BRASS
4	N8034DS0	NUT 8-32 X .34 X .12	HEX			SST
2	N6025JS0	NUT 6-32 X .25 X .09	HEX			SST
3	40603-020	PRIMARY ASSEMBLY				SST
2	47564-001	WIRING DIAGRAM				
1	WD002002	NAMEPLATE				

2 PL DEC. 13 PL DEC. ANGLES	*.03	*.010	* 1°
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			
TOLERANCES IN			
DR BY	BK	04/06/03	
CHK BY	RK	04/14/03	
ENGR	Daw	04/10/03	
MFG	BY	04-08-03	
SIZE	GRADE IDENT		
C	74063		

1	1	1	1
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TYCO Electronics
 14 Hartmont Blvd., Suite 175 N. Diamond Street, Waukegan, IL 60087
 RELAY - 2PST N.O., 15 AMPERE, 28 VDC
 SD152
 REF TYCO P/N 0-1616108-3

Mouser Electronics

Authorized Distributor

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