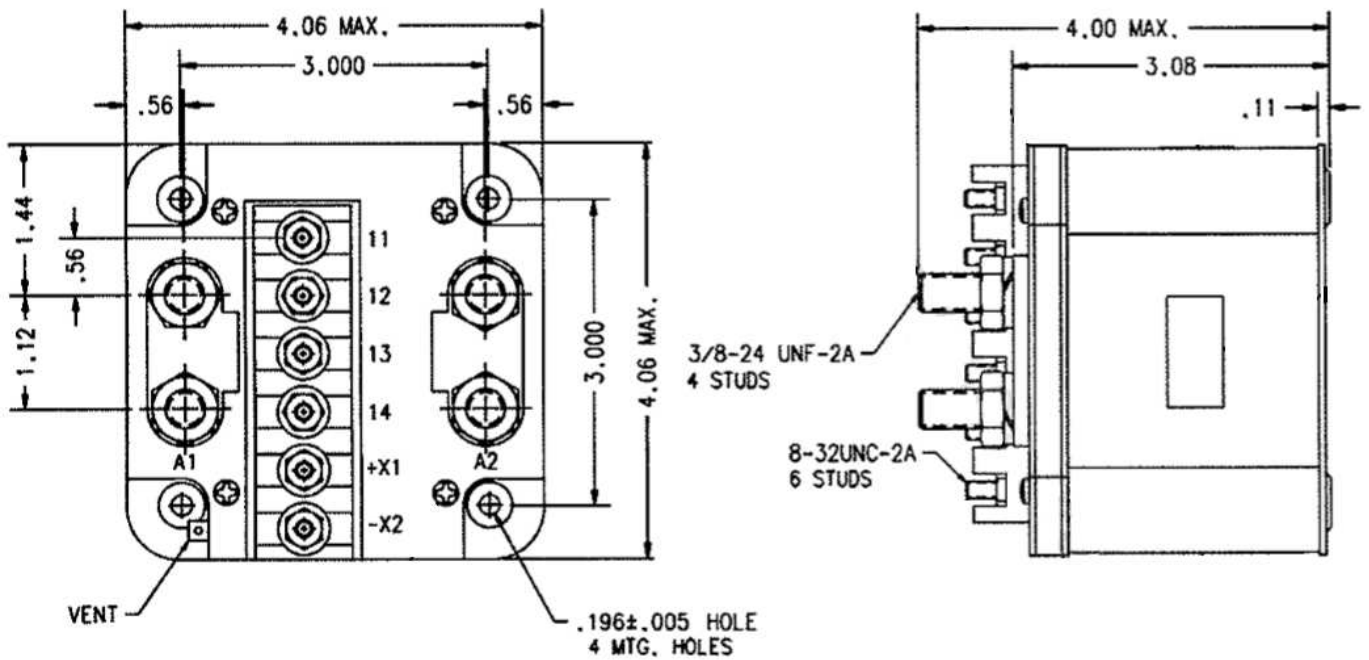


REVISIONS

REV.	ECO	DESCRIPTION	DATE	APPROVED
L	36096	'+' AND '-' OBSERVE POLARITY ADDED, 2 PLC TOL WAS ±.02, 3 PLC ±.005	10JUN1998	RSS

A-712RS  
 CONTACTOR-SPST N.O.  
 600 AMP, 28 VDC



NOTES:

1. THIS UNIT DESIGNED TO THE BASIC REQUIREMENTS OF MIL-R-6106 EXCEPT AS NOTED.
3. MOUNTING SURFACE SHALL PROVIDE ELECTRICAL GROUND.
4. AUXILIARY CONTACTS INTENDED TO INDICATE WELDED MAIN CONTACTS.
5. RECOMMENDED TORQUE FOR 3/8-24 IS 115-130 INCH POUNDS, FOR No.8-32 IS 12-15 INCH POUNDS.
6. COIL TRANSIENT VOLTAGE LIMITED TO ±50 VOLTS REFERENCED TO ZERO VOLTS.

ALL DIMENSIONS ARE IN INCHES



TE CONNECTIVITY  
 175 N, DIAMOND STREET MANSFIELD,  
 OHIO 44902

TITLE

CONTACTOR-SPST N.O.  
 600 AMP, 28 VDC

TE P.N.

2-1616931-3

DWG NO.

D-7VG

DS DATA SHEET

CAGE CODE  
 74063

SCALE  
 NONE

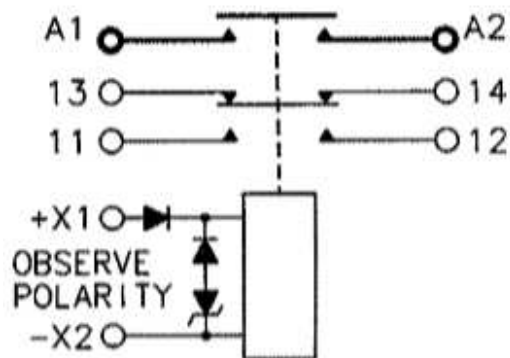
SHEET  
 1 OF 2


REV  
 L

GENERAL SPECIFICATION

<b>CONSTRUCTION</b>		<b>GASKET SEALED (VENTED)</b>	
<b>MAIN CONTACTS</b>			
<b>CONFIGURATION</b>		SPST N.O.	
<b>VOLTAGE (NOMINAL)</b>		28 VDC	
<b>CURRENT:</b>	RES.	600 AMP	
	INRUSH	1500 AMP	30 SEC. 1000 AMP RUPTURE 5000 AMP
<b>AUXILIARY CONTACTS</b>		FORM X	NOTE 4
<b>CONFIGURATION</b>		28 VDC	
<b>VOLTAGE</b>		RES. 5 AMP	
<b>CURRENT</b>	RES.		
<b>COIL DATA</b>			
<b>DUTY CYCLE</b>		CONTINUOUS	
<b>MAXIMUM OPERATE</b>		30 VDC	
<b>MINIMUM OPERATE</b>		24 VDC	
<b>PICKUP INITIAL,</b>			
25°C		16 VDC MAX.	
<b>DROPOUT VOLTAGE</b>		1 VOLT TO 5 VOLTS	
<b>RESISTANCE:</b>		82 OHM ± 20% AT 25° C	
<b>ENVIRONMENTAL DATA</b>			
<b>OPERATE TEMP.</b>		-55° C TO 71°C.	
<b>VIBRATION</b>	SINE	06 D.A FROM 5 TO 55 HZ.	
<b>SHOCK</b>		25g MAX. FOR 9 TO 11 MILLISECONDS.	
<b>ALTITUDE</b>		50,000 FEET MAXIMUM	
<b>LIFE ELECTRICAL</b>		50,000 OPERATIONS MIN.	
<b>LIFE MECHANICAL</b>		100,000 OPERATIONS MIN.	
<b>WEIGHT MAX.</b>		3 LBS., 3 OZ.	

SCHEMATIC



 TE CONNECTIVITY 175 N, DIAMOND STREET MANSFIELD, OHIO 44902		TITLE CONTACTOR-SPST N.O. 600 AMP, 28 VDC			
		TE P.N. 2-1616931-3		DWG NO. D-7VG	
DS	DATA SHEET	CAGE CODE 74063	SCALE NONE	SHEET 2 OF 2	REV L