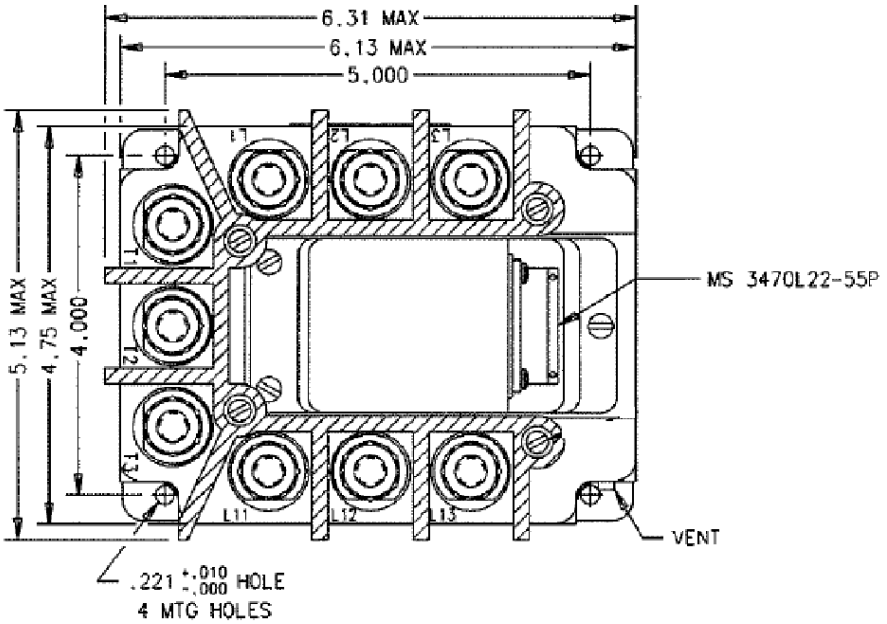
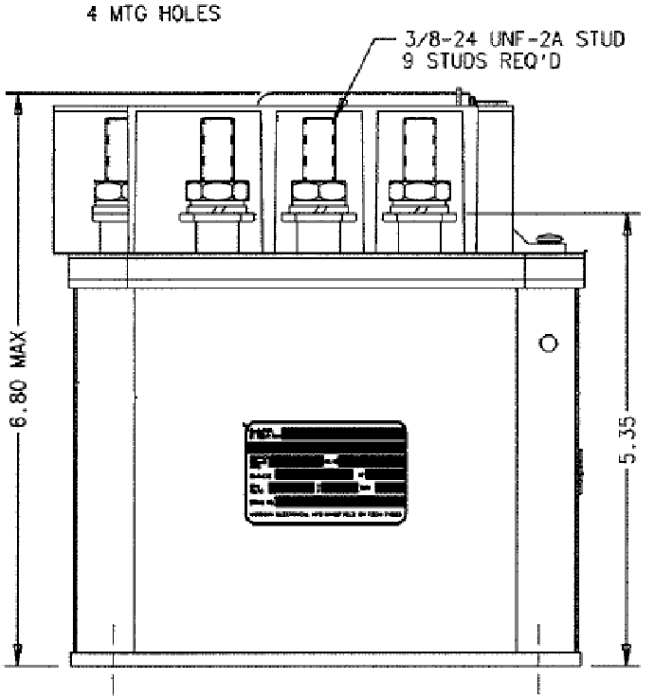
B-461D-1
A.C. POWER CONTACTOR
175 - 250 AMP
TPDT CENTRE OFF

REVISIONS				
REV.	ECO	DESCRIPTION	DATE	APPROVED
B	42437	FAA/PMA & FIND NOS 12 & 14 ADDED	10MAY2000	RS





NOTES:

1. THIS UNIT MEETS THE MATERIAL AND WORKMANSHIP REQUIREMENTS OF MIL-R-6106
2. KEYWAY POSITIONED TOWARDS TOP OF CONNECTOR
3. COIL TRANSIENT VOLTAGE LIMITED TO ± 42V MAX
4. DIODES TO BE JANTX 1000 PIV

ALL DIMENSIONS ARE IN INCHES

TE CONNECTIVITY
175 N, DIAMOND STREET MANSFIELD, OHIO 44902

TITLE: A.C. POWER CONTACTOR 175 - 250 AMP TPDT CENTRE OFF

TE P.N.	DWG NO.
1616045-5	B-461D-1

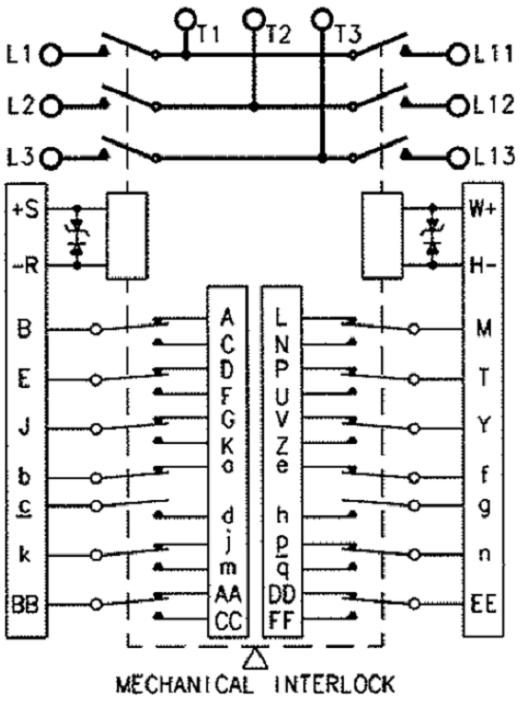
DS	DATA SHEET	CAGE CODE	SCALE	SHEET	REV
		74063	NONE	1 OF 2	B

GENERAL SPECIFICATION

CLASS AS TYPE II/MIL-R-6106E EXCEPT AS NOTED

CONSTRUCTION		GASKET SEALED (VENTED)
MAIN CONTACTS		
CONFIGURATION		3PDT CENTER OFF
VOLTAGE (NOMINAL)		115/208 VAC, 400 HZ.
CURRENT:	RESISTIVE	250 AMP/MIL-R-6106E
	MOTOR	175 AMP
	RUPTURE	1750 AMP
	INTERRUPT	2500 AMP
AUXILIARY CONTACTS		
CONFIGURATION		10 SPDT
		4 SPST
VOLTAGE (NOMINAL)		28 VDC OR 115 VAC, 400 HZ.
CURRENT:	RESISTIVE	5 AMP WITH A CONTACT VOLTAGE DROP OF 200MV MAX.
	INDUCTIVE	5 AMP
	LAMP	3.7 AMP
COIL DATA		
DUTY CYCLE		CONTINUOUS
COIL VOLTAGE, NOMINAL		28 VDC
PICKUP, MAX.		18 VDC AT 25°C
DROPOUT		1 TO 7 VDC AT 25°C
CURRENT, HOLD		.7 AMP MAX. AT 25°C
PICKUP TIME		50 MS MAX. AT 28 VDC
RELEASE TIME		35 MS MAX. AT 28 VDC
ENVIRONMENTAL DATA		
AMBIENT TEMPERATURE		-55°C TO +71°C
VIBRATION:	SINE	.036 INCH DA FROM 10 TO 75 HZ.
		10 G'S FROM 75 TO 500 HZ.
ACCELERATION		10 G'S
SHOCK		15 G'S MAX. FOR 11 MS
ALTITUDE		50,000 FEET MAX.
LIFE		
ELECTRICAL		50,000 CYCLES MIN.
MECHANICAL		100,000 CYCLES MIN.
WEIGHT		7 LBS. MAX.

SCHEMATIC



TE CONNECTIVITY 175 N, DIAMOND STREET MANSFIELD, OHIO 44902	TITLE: A.C. POWER CONTACTOR 175 – 250 AMP TPDT CENTRE OFF				
	TE P.N.: 1616045-5	DWG NO.: B-461D-1			
THIRD ANGLE PROJECTION	THIS DRAWING PREPARED IN ACCORDANCE WITH ANSI/ASMEY14.5M-1982	CAGE CODE: 74063	SCALE: NONE	SHEET: 2 OF 2	REV: B

Unikeyic Electronics

Global Electronic Components Distributor

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TE Connectivity:

2310537-1 3430B2F51RTDF 936348-1 CPF0402B37K4E1 RH73H2A40MKTN SBCHE154R7K 1-794222-0 1743455-2 1903112-2 917696-1 2-292161-3 2005330-1 2380312-2 ROX05SJ18R TE50BR39J 1-962915-1 141991-2 1969656-1 CRGCQ2010J3K3 175977-2 3-1393225-0 650075-000 SBCHE64R7K 2377783-2 2834055-1 1393431-1 3631B101LL SMW73R0JT MPT100C18RF U5254-000005-030PA