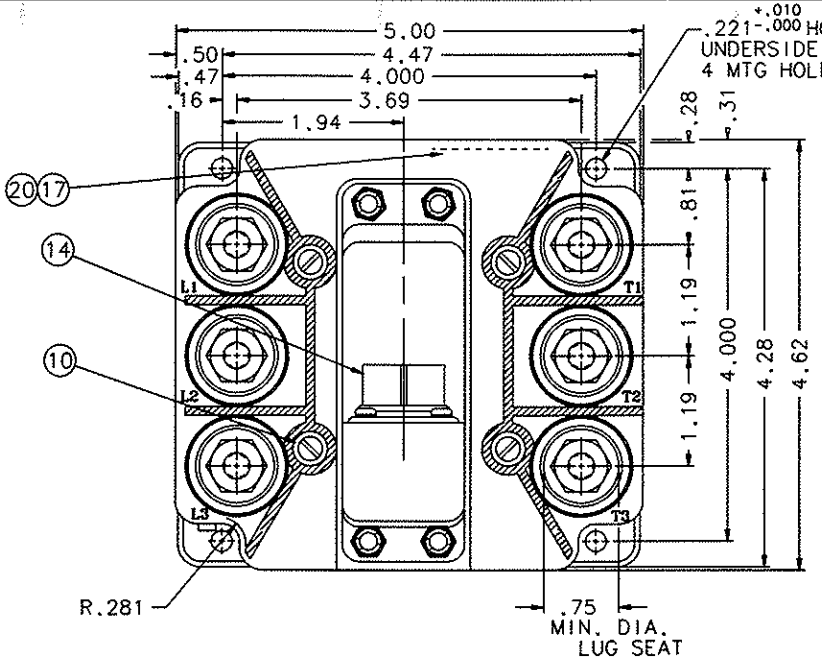
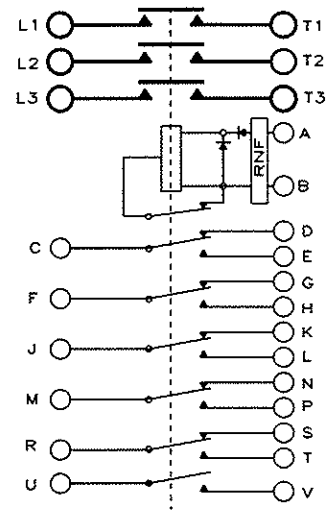
BR-125BC | REV. W

REVISIONS			RELEASED	
REV.	DESCRIPTION		DATE	APPROVED
U	25509	ITEM 17 P/N WAS 58400-122, ITEM 20 P/N WAS 39529-024	2/3/94	
V	25873	ITEM 17 P/N WAS 38237011, ITEM 20 P/N WAS 39529-047	3/28/94	
W	43658	FIND NO. 6 WAS 14566-005	00-12-07	CC

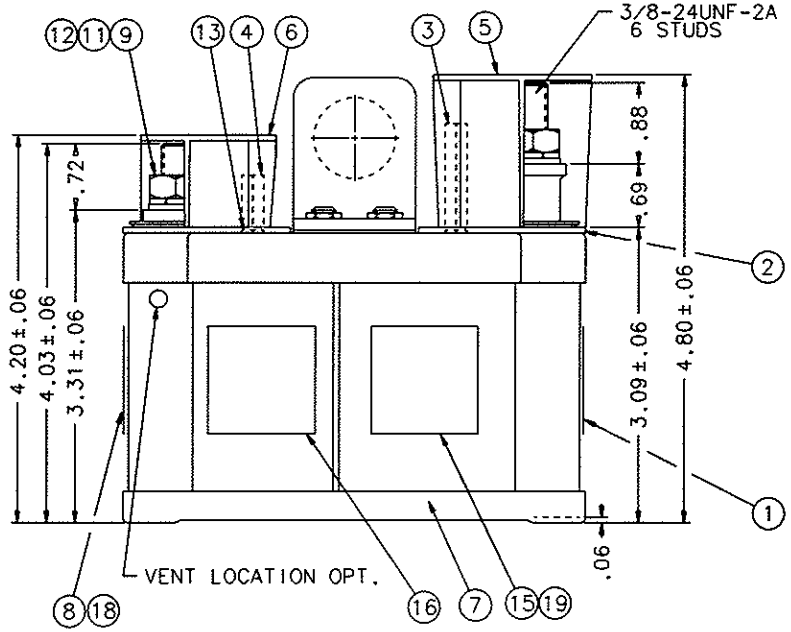


FAA/PMA

CONSTRUCTION	METALLIC BASE GASKET SEALED (VENTED)
MAIN CONTACTS	
CONFIGURATION	3 PST N.O. DOUBLE BREAK
VOLTAGE (NOMINAL)	208 VAC 400 HZ.
CURRENT: RES.	250 AMP
IND.	250 AMP
MOTOR	125 AMP
RUPTURE	1800 AMP
OVER LOAD	1425 AMP
AUXILIARY CONTACTS	
CONFIGURATION	1-SPST N.O., 5-SPDT
VOLTAGE (NOMINAL)	28 VDC 115/208 VAC 400 HZ
CURRENT RES.	10 AMP LIMITED TO 7-1/2 AMP CON.
COIL DATA	
DUTY CYCLE	CONTINUOUS ECONOMIZING
NOM. COIL VOLTAGE	115 VAC 400HZ
PICKUP MAX.	90 VAC
DROPOUT VOLTAGE	35 ±20 VAC
PICKUP TIME (MAX.)	40 MS • 25°C
RELEASE TIME (MAX.)	125 MS • 25°C
INRUSH CURRENT(MAX.)	1.3 AMPS • 25°C
MAX. WEIGHT	5 LBS. 4 OZ.



NOTE:
1. TERMINAL SHIELDS TO BE STAMPED:
"DANGER-HIGH VOLTAGE"



FIND NO	QTY REQD	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	FSCM NO	DRAWING OR SPECIFICATION	MATERIAL OR NOTE
20	1	39529-024	OVERLAY			
19	1	39529-009	OVERLAY			
18	1	39529-001	OVERLAY			
17	1	58400-122	PLATE-FAA/PMA			
16	1	25695-001	PLATE-WARNING			
15	1	30812-001	PLATE WIRING DIAGRAM			
14	1	52514-008	CONNECTOR-MS3112E-14-19P, MIL-C-26482			
13	4	51808-011	WASHER, LOCK #8 INT.		AN9368B	BRONZE
12	6	51807-071	WASHER, LOCK 3/8X.688X.094 SPLIT		MS35338-46	STEEL
11	6	51704-161	WASHER, 5/8X.390X.064 FLAT		AN960-616	STEEL
10	4	51208-641	SCREW, 8-32X5/16 PAN HD. SEMS			BRASS
9	6	50407-141	NUT, 3/8-24X9/16X9/32 HEX.		MS20341-616S	STEEL
8	1	16043-001	PLATE-NAME			
7	1	15457-040	CONTACTOR ASSEM.-PRI. A.C. POWER			
6	1	14566-009	SHIELD-TERMINAL			
5	1	14566-001	SHIELD-TERMINAL			
4	2	13564-004	NUT-COVER PLATE			
3	2	13564-003	NUT-COVER PLATE			
2	1	13304-001	PLATE-BASE COVER			
1	1	12771-001	PLATE-WARNING			

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON

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

CMM
REF. MCDONNELL DOUGLAS

DR BY	WER	00-12-13
CHK BY	CC	00/12/19
ENGR	DSK	00-12-20
MFG	MG	00-12-21
RELEASE		
CONTR NO.		
GOVT APPVL		

HARTMAN ELECTRICAL MANUFACTURING
MANSFIELD, OHIO

CONTACTOR - A.C. POWER 250 AMP, 3 P.S.T. N.O.

093

SIZE	CODE IDENT	DWG NO.
C	74063	BR-125BC

SCALE NONE | SHEET