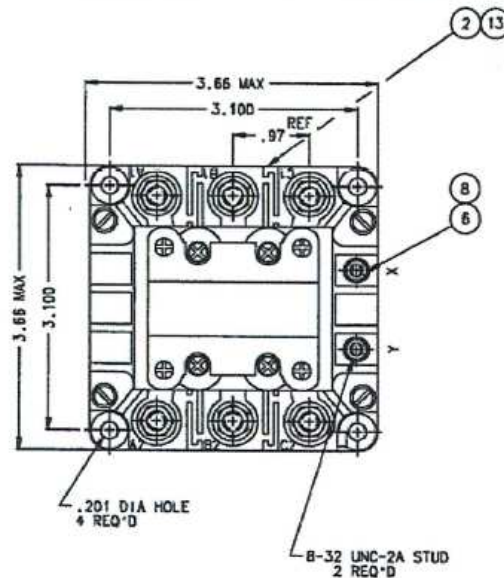


BR-312BY

REV. 1

REVISIONS		RELEASED	
SYM	DESCRIPTION	DATE	APPROVED
E	0758-03 ADD OVERLAY (39528-002)	03/10/24	CB
F	20-001425 TOP LEVEL TERM HEIGHT DIM REMOVED	20/1/29	DSH



CONSTRUCTION
MAIN CONTACTS
CONFIGURATION
VOLTAGE (NOMINAL)
CURRENT RES.
IND.
RUPTURE

GASKET SEALED & VENTED

3PST NO DOUBLE BREAK
440 VAC 60 HZ
60 AMP
60 AMP
600 AMP

COIL DATA
DUTY CYCLE
NOM OPERATE VOLTAGE
PICKUP MAX.
DROPOUT VOLTAGE
WATTS

CONTINUOUS (ECONOMIZING)
115 VAC 60 HZ
90 VAC 60 HZ
25 ± 20 VAC 60 HZ
12

ENVIRONMENTAL
OPERATING TEMP.
LIFE

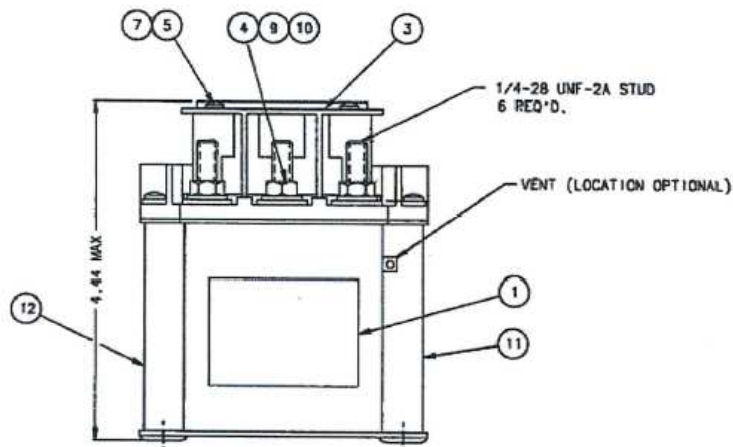
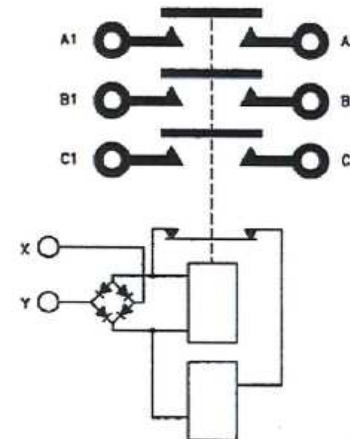
-55°C TO 71°C

ELECTRICAL
MECHANICAL

50,000 CYCLES MIN.
100,000 CYCLES MIN.

WEIGHT

2 LBS. 8 OZ.



NOTES:

- THIS UNIT DESIGNED TO THE BASIC REQUIREMENTS OF MIL-R-8106 EXCEPT AS NOTED.
- QUALIFICATION TESTING NOT COMPLETED.
- COVER PLATE ITEM NO. 3 REMOVED FROM TOP VIEW.
- MOUNTING SURFACE SHALL PROVIDE ELECTRICAL GROUND.
- THIS UNIT DESIGNED TO MEET THE REQUIREMENTS OF MIL-S-901

13	1	39528-002	OVERLAY - WIRING DIAGRAM			
12	1	25695-001	PLATE - WARNING			
11	1	32540-010	CONTACTOR ASSEMBLY - PRIMARY			
10	6	51703-064	WASHER - 1/2 X 17/64 X .032			BRASS
9	6	51807-034	WASHER LOCK - NO. 1/4 SPLIT		AN835B416	BRONZE
8	2	51808-064	WASHER LOCK - NO. 8 SPLIT		MS3533B-99	BRONZE
7	4	51804-021	WASHER LOCK - NO. 4 INT		AN836A4B	BRONZE
6	2	50408-014	NUT 8-32 X 1/4 X 3/32 HEX			BRASS
5	4	51204-251	SCREW 4-40 X 1/4 RD. HD.			STEEL
4	6	50407-074	NUT 1/4-28 X 3/8 X 3/16 HEX			BRASS
3	2	30280-001	COVER-TERMINAL TOP			
2	1	31005-001	PLATE - WIRING DIAGRAM			
1	1	16043-001	PLATE - NAME			
FIND NO	QTY REQD	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	FSCH NO	DRAWING OR SPECIFICATION	MATERIAL OR NOTE

REF.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON

2 PL DEC. 3 PL DEC. ANGLES
+ .06 .010 + 1°

DR BY RCB 03/10/24

CHK BY CB 03-10-24

ENGR Wg 04-10-05

MFG MP 04-10-18

SIZE CODE IDENT

C 74063

SCALE NONE SHEET

tyco Electronics

Hartman Division 175 N. DIAMOND STREET WILMINGTON, OHIO 41802

CONTACTOR - 3PST N.O.
60 AMP, 440 VAC 60 HZ

DWG NO.

BR-312BY

REF TYCO P/N Q-1616010-6