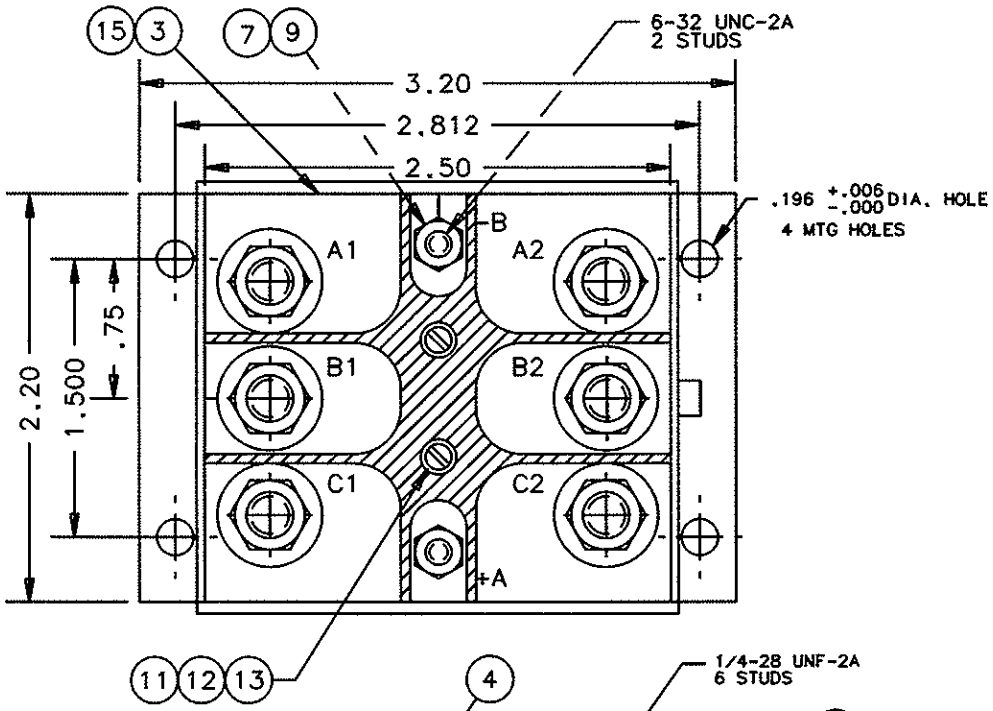
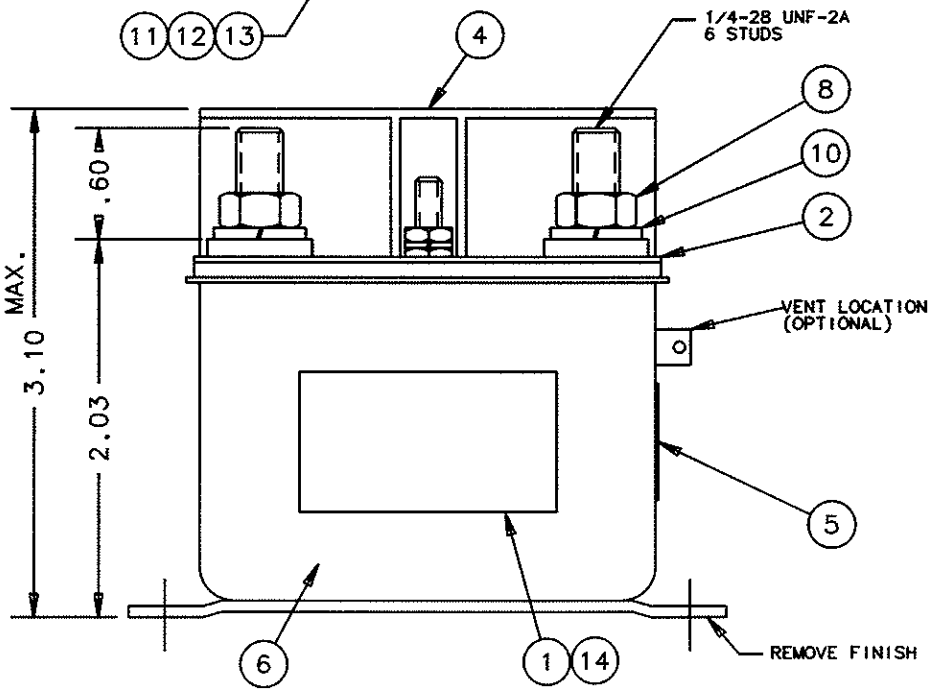
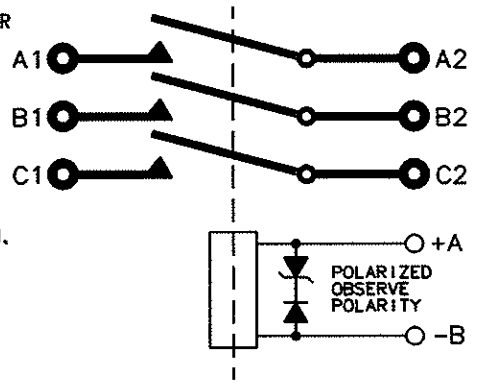
D-100A REV. H

REVISIONS			RELEASED	
REV.	DESCRIPTION		DATE	APPROVED
D	26104	REDRAWN ON CAEDS, ADDED LIFE AND OPERATE TIMES, 3.20 WAS 3.25	94/05/31	RS
E	27399	ITEM 12 WAS 51202-130	95/03/13	RS
F	34861	FIND NOS 14 & 15 ADDED	98/02/09	RS
G	43010	ADDED VIEW OF GASKET	00/08/17	CC
H	0255-03	RELOCATED ITEMS 3 & 15	03/03/07	CC





CONSTRUCTION	GASKET SEALED
MODE	SIDESTABLE
CONTACTS	
MAIN	3PST
VOLTAGE	115/200 VOLTS 400 HZ
CURRENT RES.	120 AMPS
OVERLOAD	150 AMPS FOR 1 HOUR
RUPTURE	1000 AMPS
COIL DATA	
DUTY CYCLE	CONTINUOUS
MAX. HOLD CURRENT	.35 AMP
MAX. OPERATING VOLTAGE	32 VDC
MIN. OPERATING VOLTAGE	18 VDC AT 71°C
DROPOUT VOLTAGE	1 - 7 VDC
OPERATE TIME AT 28 VDC, 25°C	35 MS MAX
RELEASE TIME AT 28 VDC, 25°C	35 MS MAX
LIFE ELECTRICAL	50,000 CYCLES MIN.
LIFE MECHANICAL	100,000 CYCLES MIN.
VIBRATION/10G	75 - 2000 HZ
WEIGHT (MAX)	14.5 OZ.
TEMPERATURE RANGE	-55°C TO +71°C



NOTES:
1. COIL TRANSIENT VOLTAGE LIMITED TO ±50 VOLTS REFERENCED TO ZERO VOLTS.
2. REF: AGUSTA EA06E001J
3. UNIT DESIGNED TO MEET THE APPLICABLE REQUIREMENTS OF MIL-R-6106.
4. UNIT DESIGNED TO MEET THE REQUIREMENTS OF B.S.I SPEC. NO. B5.3G 100 PART 2, SECTION 3, SUBSECTION 3.5, CLASSIFICATION LEVEL C.

FIND NO	QTY REQ'D	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	FSCM NO	DRAWING OR SPECIFICATION	MATERIAL OR NOTE
15	1	39529-017	OVERLAY			
14	1	39529-001	OVERLAY			
13	2	51802-010	WASHER, NO. 2 INT.			BRONZE
12	2	51202-131	SCREW, 2-56 X 3/4 RD. HD.			STEEL
11	2	51000-016	O - RING			
10	6	51807-034	WASHER LOCK 1/4 SPLIT			BRONZE
9	2	51806-014	WASHER LOCK NO. 6 SPLIT			BRONZE
8	6	50407-074	NUT, 1/4-28 X 3/8 X 3/16 HEX			BRASS
7	2	50406-034	NUT, 6-32 X 1/4 X 5/64 HEX			BRASS
6	1	40778-020	CONTACTOR ASSEMBLY - PRIMARY			
5	1	25695-001	PLATE - WARNING			
4	1	40857-001	TERMINAL SHIELD			
3	1	41110-001	PLATE - WIRING DIAGRAM			
2	1	41072-001	PLATE - BASE COVER			
1	1	16043-001	PLATE - NAME			

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON

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

MATERIAL

DR BY	CSC	03/03/28
CHK BY	CC	03/03/28
ENGR	[illegible]	[illegible]
MFG	[illegible]	[illegible]

SIZE C | CODE IDENT 74063 | SCALE 1/1 | SHEET

tyco Electronics
Hartman Division, 175 N. DIAMOND STREET MANSFIELD, OHIO 44902

CONTACTOR - 3PST 120 A

093

DWG NO. D-100A

REF TYCO P/N 0-1616014-1