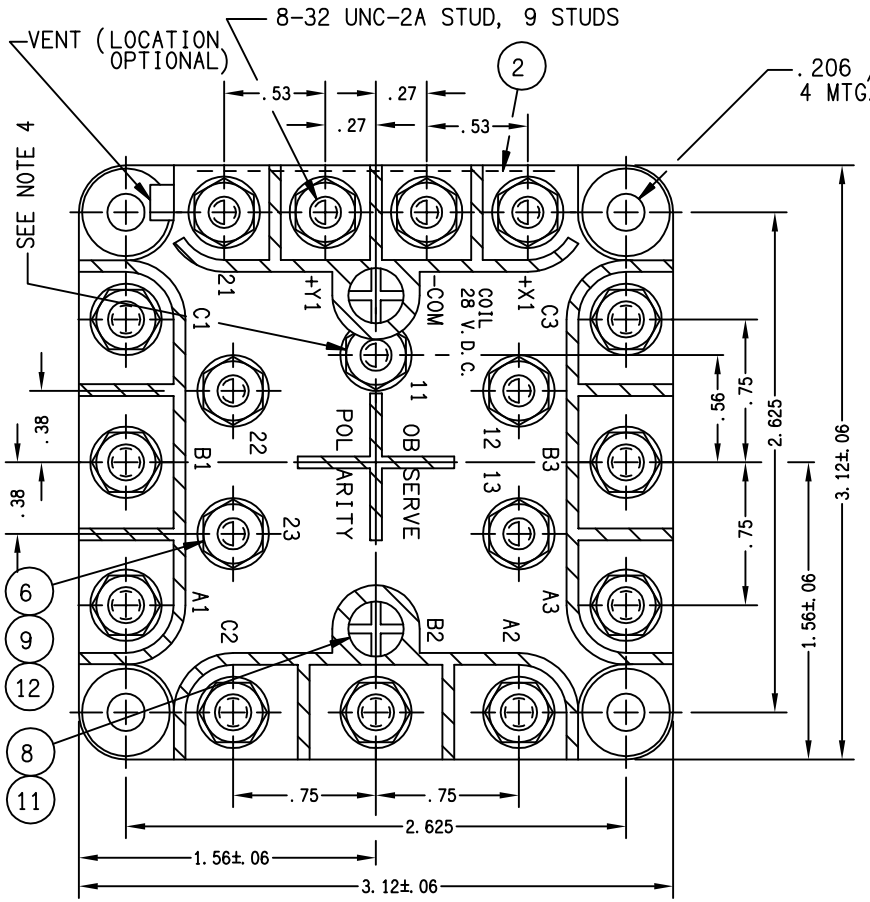
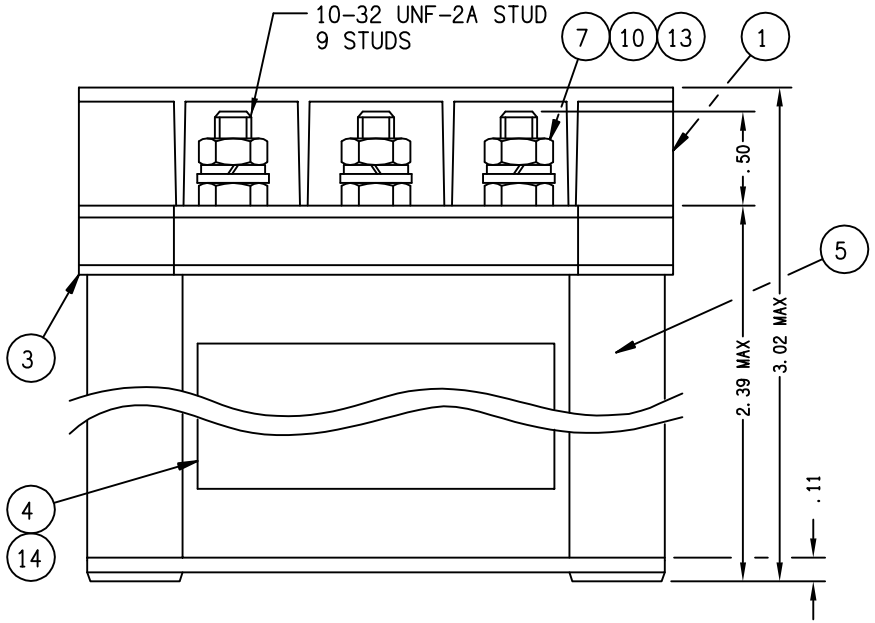
B-140AUH REV. K

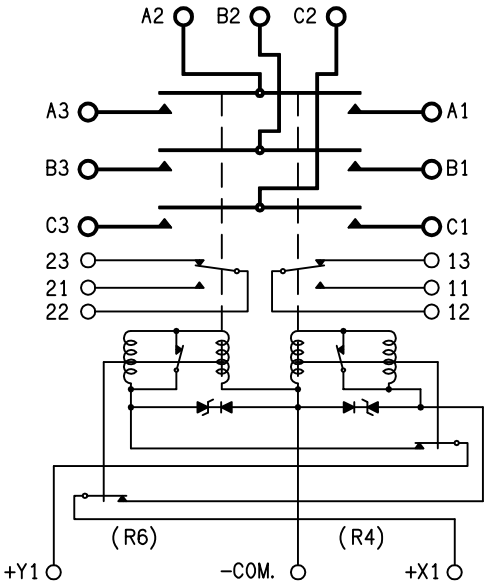
REVISIONS			RELEASED
SYM	DESCRIPTION	DATE	APPROVED
F	20750 REDRAWN, ADDED NOTE 4	8-2-90	WS
G	24654 ADDED ITEM 14	9-21-93	WS
H	0070-05 CHANGED VIEW TO SHOW PHILLIPS SCREWS	05/02/14	CB
J	12-001857 ITEM 7 WAS 50410-054	11/12/01	CB
K	12-007103 2.39 MAX WAS 2.38, .11 WAS .125, 3.02 MAX WAS 3.00	12/04/02	CB





NOMINAL OPERATING VOLTAGE	
COIL +Y1-COM	18-30 VDC
COIL +X1-COM	18-30 VDC
CONTACTS	115/200 VAC 400 HZ
PICKUP VOLTAGE	18 V. MAX. AT 85C
DROPOUT VOLTAGE	7, +0, -5.5 VDC
CONTACT ARRANGEMENT	TPDT NO
CONTACT RATING	
RESISTIVE, MAX. INT. 600 AMP	70 AMP. A.C.
INDUCTIVE	40 AMP. A.C.
LAMP	10 AMP. A.C.
MOTOR	20 AMP. A.C.
CAPACITIVE	70 AMP. A.C.
AUX. CONTACT RATING AT 28 VDC & 115 VAC, 400 HZ.	
RESISTIVE	5 AMP.
INDUCTIVE	3 AMP.
MOTOR	3 AMP.
MAIN AND AUX. CONTACT OPERATING TIMES	
CLOSING	50 MS MAX. AT 18 VDC
OPENING	35 MS MAX. AT 28 VDC
TRANSFER	10 MS AT 30 VDC
COIL CURRENT AT NOMINAL VOLTAGE	
HOLDING	.35 AMP
MIN. OPERATING CYCLES ELECTRICAL	50,000
MAX. AMBIENT TEMPERATURE	-40° TO +71°
MAX. WEIGHT	1 LB. 8 OZ.

NOTES:
1. TERMINAL COVER TO BE STAMPED "DANGER-HIGH VOLTAGE"
2. COIL TRANSIENT VOLTAGE LIMITED TO ±42 VOLTS REFERENCED TO ZERO VOLTS.
3. STAMP OBSERVE POLARITY
4. #11 TERMINAL HEIGHT IS .41



CONFIGURATION CONTROLLED

FIND NO	QTY REQD	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	FSCM NO	DRAWING OR SPECIFICATION	MATERIAL OR NOTE
14	1	39529-001	OVERLAY			
13	9	51810-054	WASHER - LOCK NO. 10 SPLIT		MS35338-100	BRONZE
12	9	51808-064	WASHER - LOCK NO. 8 SPLIT		MS35338-99	BRONZE
11	2	51806-034	WASHER - LOCK NO. 6 INT. TOOTH		MS35333-88	BRONZE
10	9	51712-194	WASHER- 7/16 X .203 X .031		AN961-10	BRASS
9	9	51712-104	WASHER- 3/8 X 11/64 X .032		AN961-8	BRASS
8	2	51206-644	SCREW-6-32 X 3/4 RD. HD.		MS35214-29	BRASS
7	9	50410-174	NUT-10-32 X 5/16 X 9/64 HEX			BRASS
6	9	50408-034	NUT-8-32 X 5/16 X 3/32 HEX			BRASS
5	1	19390-060	CONTACTOR ASSEMBLY - PRIMARY			
4	1	16043-001	PLATE - NAME			
3	1	14994-003	PLATE - BASE COVER			
2	1	12771-001	PLATE - WARNING			
1	1	12531-006	SHIELD - TERMINAL			

REF.
SIKORSKY
70550-22901-102

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON

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

DR BY	BRI	93/10/27
CHK BY	WS	93/10/28
ENGR	WS	93/11/05
MFG	JF	93/11/05

SIZE C | CODE IDENT 74063 | SCALE NONE | SHEET

TE Hartman™ Division · 175 N. DIAMOND STREET MANSFIELD, OHIO 44902

CONTACTOR - T.P.D.T. N.O.
093

DWG NO. B-140AUH

REF TE P/N 1616043-8