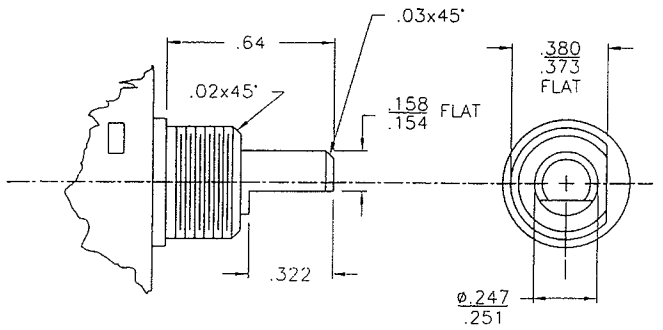
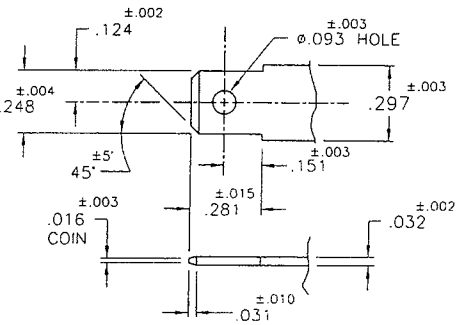


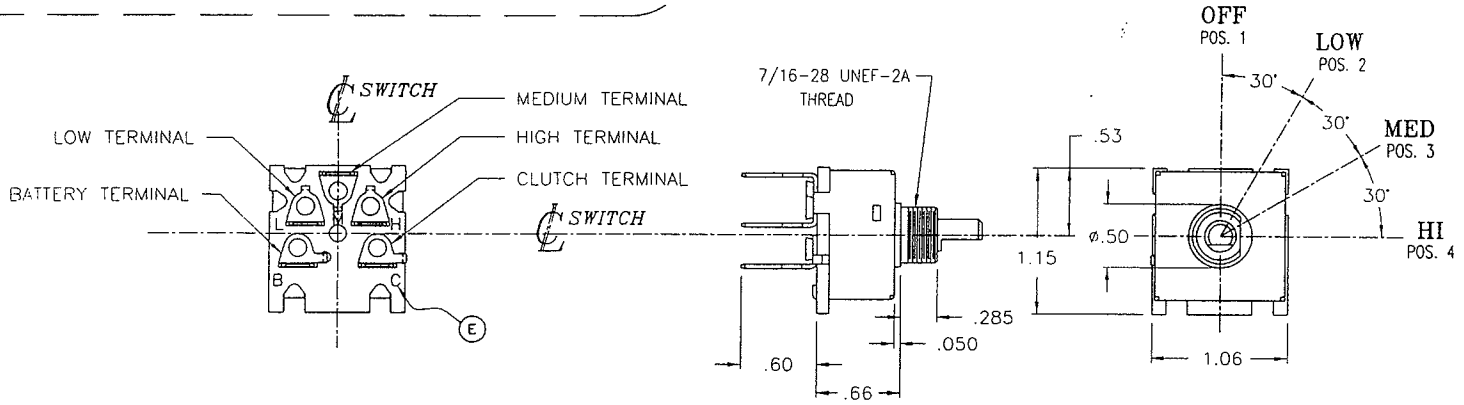
BUSHING & SHAFT DETAIL

(ENLARGED)



TERMINAL BLADE DETAIL

INDAK STANDARD - PE COPPER



NOTES:

1. ALL STEEL PARTS TO BE ZINC PLATED.
2. SHAFT FLAT SHOWN IN POSITION "OFF".
3. NO INTERNAL OR EXTERNAL ELECTRICAL CIRCUIT BETWEEN BLOWER & CLUTCH TERMINALS WHEN SWITCH IS IN "OFF" POSITION.
4. ROTATING EFFORT OF SWITCH, 15-35 INCH-OZ. IN ALL POSITIONS.
- (C2) 5. TERMINALS ARE HARD COPPER.

(B) POSITION	CIRCUIT "MAKE"
OFF	L + H
LOW	B + L + C
MED	B + M + C
HI	B + H + C

(D) (C1)

REV/ECN	WAS	DATE
A	RELEASED FOR PRODUCTION MAL	LJC 10/01/98
B ECN.0465	POSITION "OFF": NONE JLG	STB 01/12/99
C (1-2) ECN 0792	1) POSITION "HI" WAS 20 AMPS 2) ADDED NOTE 5 TA	DGA 08/16/01
D ECN 1088	REVISED CIRCUIT CHART JLG	DGA 08/23/02
E ECN1469	PICTURE CHANGE: ADDED TERMINAL I.D.s	08/09/04

PRODUCT NO. 6S754A

NAME: SWITCH HEATER & A/C

REFERENCE: KYSOR - WESTRAN 222975

DRAWN	LRS	DATE 9/22/98
CHECKED	MAL	10/01/98
DES. APPR.	LJC	10/01/98
REL. FOR TOOL.	CEB	10/01/98
REL. FOR PROD.	CEB	10/01/98

INDAK MANUFACTURING CORP.
NORTHBROOK, ILLINOIS 60062

TOLERANCE - UNLESS OTHERWISE SPECIFIED

INCHES
± .059 FRACTIONS
± .030 TWO PLACE DEC.
± .010 THREE PLACE DEC.
± 5° ANGLES

WAS PROJECT 315F754B

AUTOCAD FILE 6S754A

PRODUCT NO. 6S754A

MCC SPECIFICATIONS
MCC p/n 25-0044 TOTAL PAGES 3
SUPPLIER p/n 6S754
SUPPLIER NAME INDAK (KOCH SALES)
ORIGINATOR [signature] DATE 08/19/04
DEPT. APPROVAL [signature] DATE 8/19/04

AUG 17, 2004 - 08:26:55

Indak MANUFACTURING CORPORATION
1915 Techny Road, Northbrook, IL 60062 USA
Engineering Department

Date: April 21, 2004

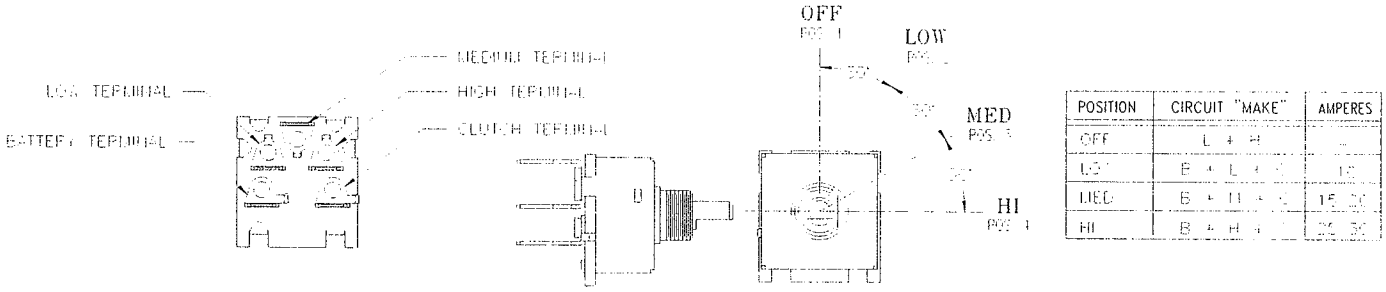
Test Report: 754-s142c
Title: In-Process Testing

Indak: 6S754A - Heater and A/C Switch
Customer: Various

Objective: Conduct In-Process Testing with higher load currents per table below, per Indak drawing 6S754A, revision "D" dated 08/23/02, and per ITL-SIETS, revision "E" dated 21 Aug 98.
Goal: To evaluate the switch performance under 30 Amp resistive load.

Samples: 6 – 6S754A production samples from Yonah Mountain Manufacturing.

Procedure: Samples te be tested as follows:
ITL-MSF, Switch Function (Characteristics & Logic): Check each switch detent position for continuity and function, and confirm that proper switch logic exists, as per Indak drawing.
ITL-MMV, Millivolt Drop: Measure Millivolt Drop between all connected pairs of terminals. Record maximum Millivolt Drop and tested current for each assembly position. The voltage drop for each position shall not exceed 7 mV/A or 150 mV whichever is larger.
ITL-MDS: DC Dielectric Strength: No leakage current greater than 1µA after 10 to 30 seconds of 500 VDC applied between non-connected terminals and case.
ITL-TDC, Durability Cycle (Life Test): Samples to be cycled at a rate of 12 cycles per minute throughout 30K total cycles. There shall be no significant change in switch physical properties after test.



POSITION	CIRCUIT "MAKE"	AMPERES
OFF		
LO		
MED		
HI		

Initial Measurements - Date/By: 3/26/04 / JFH										
	mV Drop MM- 037 -L				Dielectric HP-001-L	Operating Characteristics	Tested Currents CM-039-L			
SW #	B+L	B+M	B+H	B+C			B+L	B+M	B+H	B+C
1	28	20	40	51	<1	√	13.6	23.4	32.2	3.9
2	66	37	47	72	<1	√	13.1	23.1	31.1	3.8
3	36	32	59	73	<1	√	13.5	23.3	31.3	3.7
4	44	53	55	30	<1	√	13.4	23.0	31.0	3.9
5	23	39	30	40	<1	√	13.5	23.2	31.0	3.8
6	30	24	33	45	<1	√	13.4	23.0	31.0	3.7
	210 mV Max				<1 µA @ 500 VDC	√=OK	10A	20A	30A	4A

Results: All samples performed satisfactorily throughout testing and conform to all tested requirements.

By: JFH
cc: MRS, AS, MJC, TO