



VIEW "A-A"
SPECIAL SHOWING ROTOR FROM KNOB END

Q'TY./UNIT	MODEL USED ON	ASS'Y. NO.
SCALE	CODE	
	C	S401-171(2E00X45N)

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NOTES

WS133 A

REVISIONS

SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
X	EXPERIMENTAL RELEASE	8-7-64	-	G.D.L		
Ø	ORIGINAL RELEASE FOR PRODUCTION	1-13-65	Ø	AL		
A	SPECIFICATIONS COMPLETELY REVISED, NOTE A-A REVISED, 144 WAS .128 & 30° WAS DELETED.	8/4/65	14504	H.V.V.		JLL

SPECIFICATIONS

- A. BREAKDOWN VOLTAGES (25°C, 50%RH, 60cps)
 - 1. BETWEEN CONTACTS - 1,500V (END OF LIFE - 800 V)
 - 2. TO GROUND - 300V (END OF LIFE - 2,000V)
- B. CONTACT RESISTANCE - 0.0025Ω MAXIMUM
- C. MATERIALS AND FINISH
 - 1. TERMINALS - ARE SILVER ALLOY.
 - a. LUB & CONTACT - SILVER ALLOY WITH BRASS 5/32 DIA.
 - b. COLLECTOR RING & ROTOR CONTACTS - COPPER, TIN PLATED, TEFLON INSULATED.
 - 2. COLLECTOR RING - 1/32" SILVER
 - 3. WIPER ARM - .015" SPRING SILVER ALLOY
 - 4. WAFER - GLASS FIBRE CLOTH EPOXY LAMINATE (MIL-P-18177, GRADE GEB)
 - 5. ROTOR - DIALYL PHTHALATE (GLASS REINFORCED) (MIL-M-14, TYPE SDG-F)
 - 6. ROTOR BEARING - NYLON (MIL-P-17091)
- D. CIRCUIT
 - 1. INDEXING - 15°
 - 2. MAXIMUM POSITIONS PER POLE - 24
 - 3. POLES - 1
 - 4. SHORTING - YES
- E. LIFE - 50,000 ROTATIONAL CYCLES AT +125°C

REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
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J. ANGER LIST OF MATERIAL

MATERIAL SEE NOTE C THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK

FINISH SEE NOTE C TITLE SWITCH, WAFER

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	DRAWN G.D.L	DATE 8-7-64	FINAL APPROVAL	DATE
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	CHECKED @	DATE 1-11-65		
FRACTIONS ± 1/64 ANGLES ± 0° 30'	ELECT. DES. Jk	DATE 1/12/65	WS133	A
TOLERANCES	MECH. DES.	DATE	SHEET	REV. LTR.