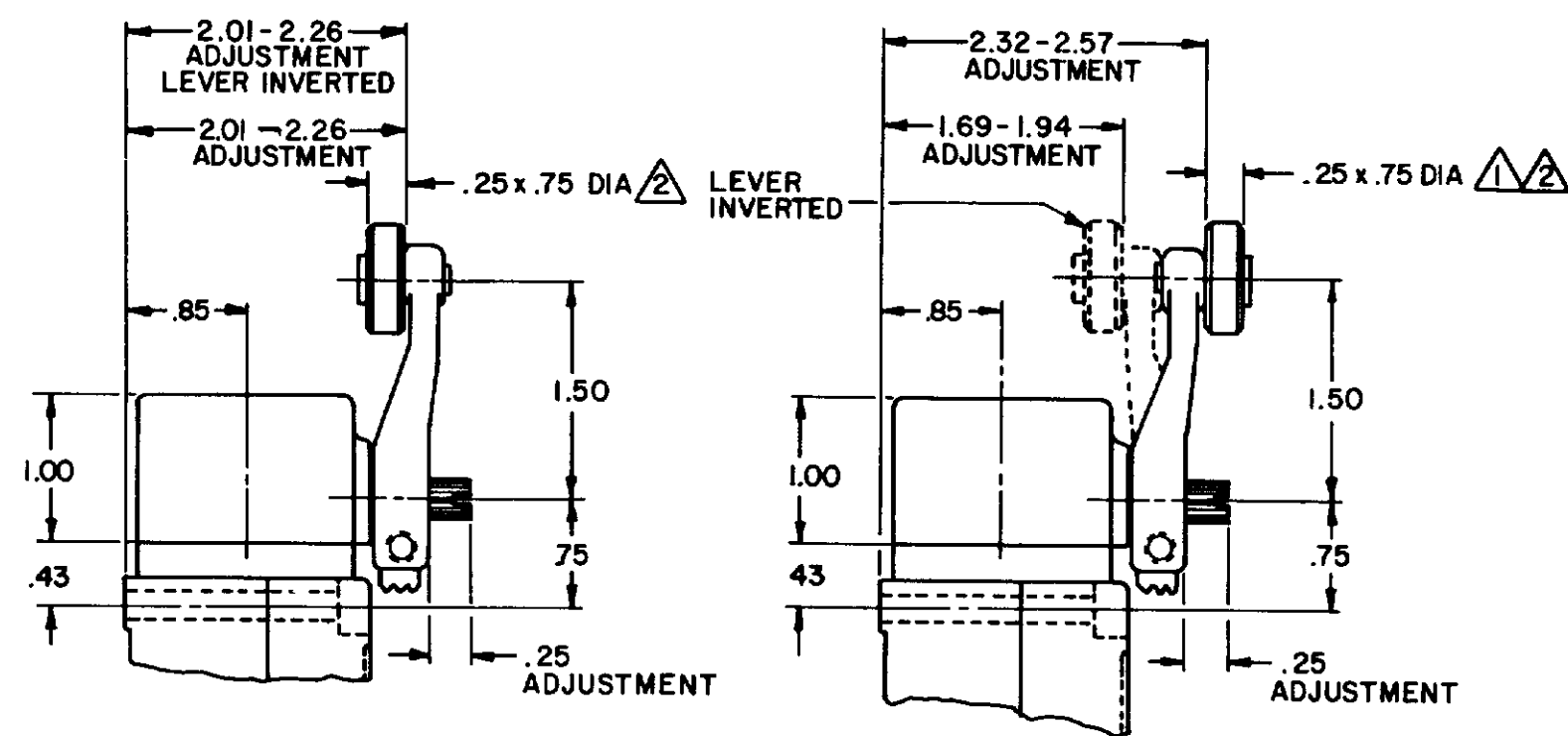
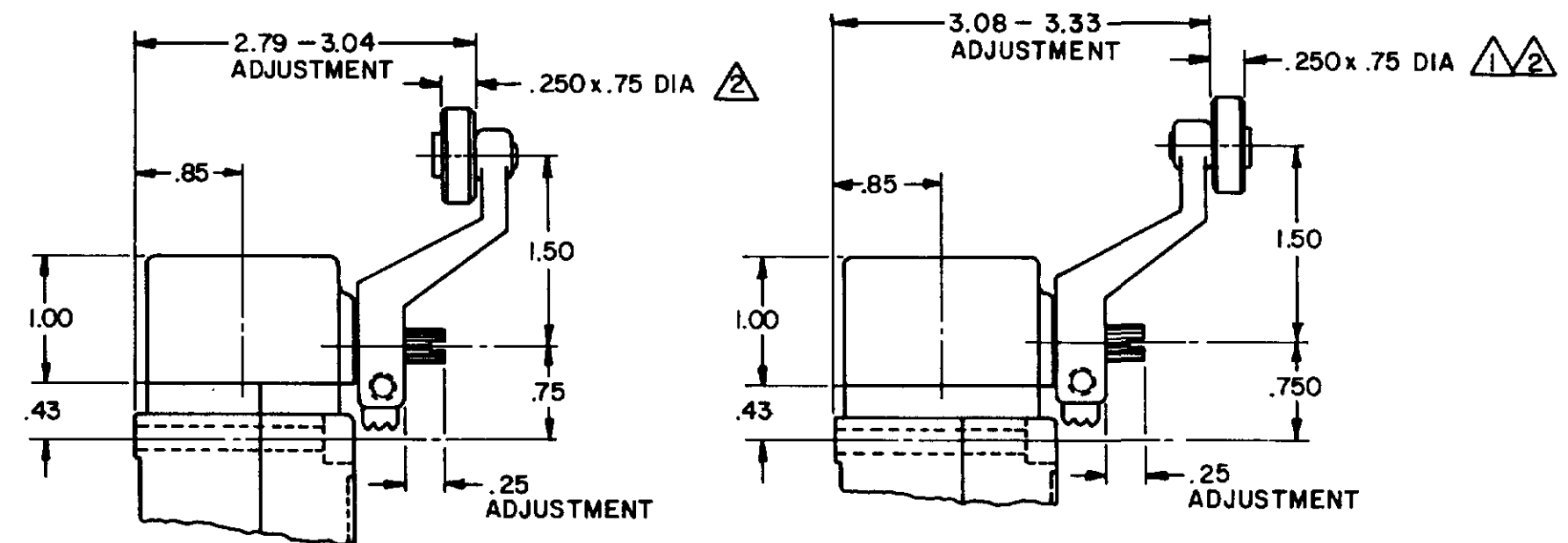


[illegible]

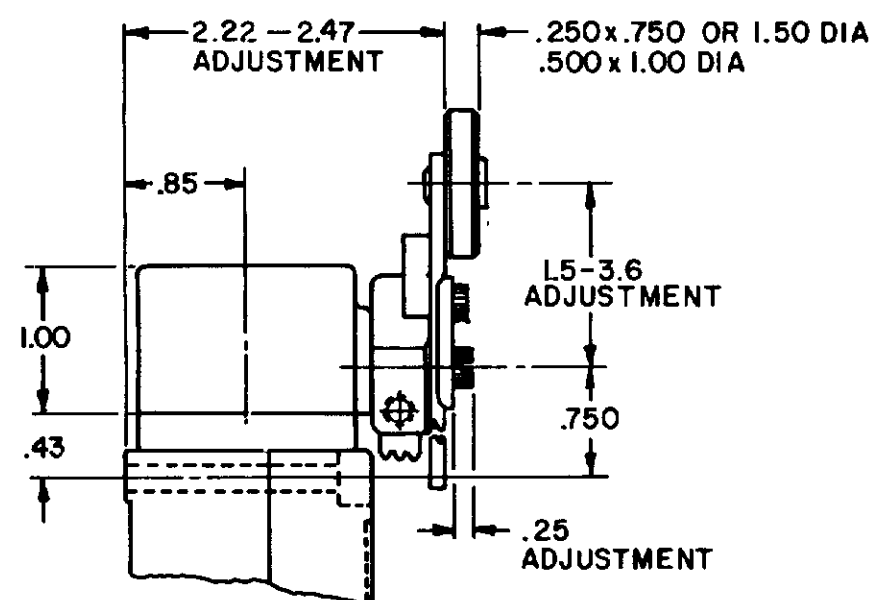
SIDE ROTARY CAM TRACKING



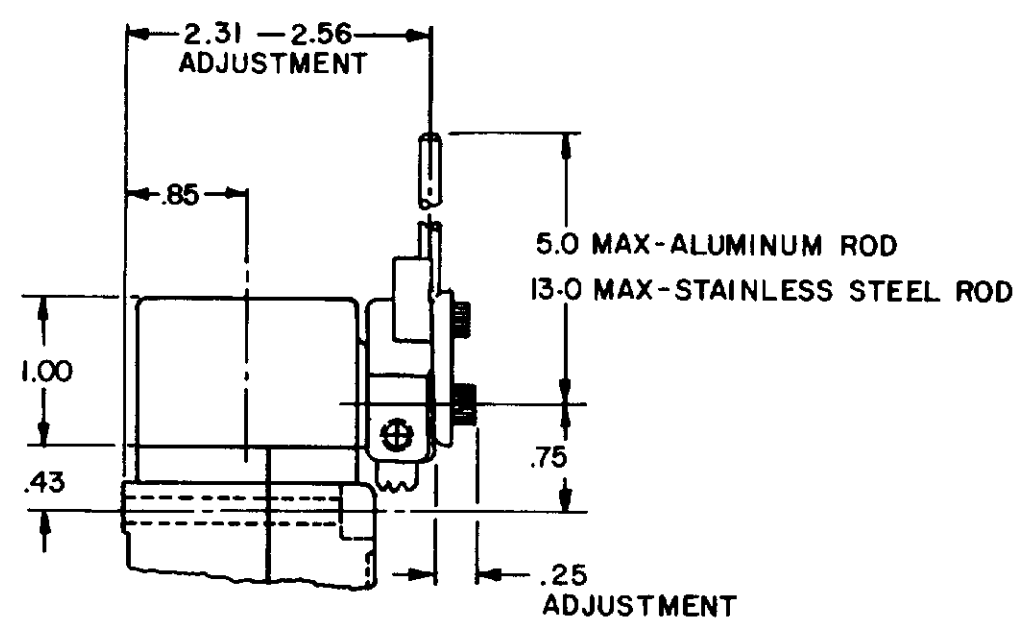
LSZ51 TYPE LEVERS



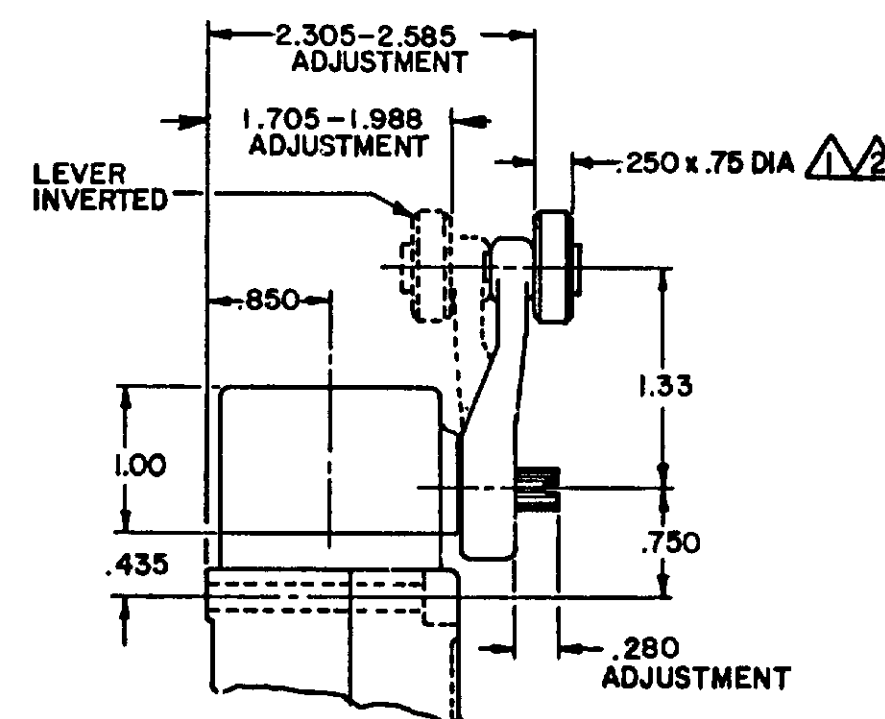
LSZ55 TYPE LEVERS



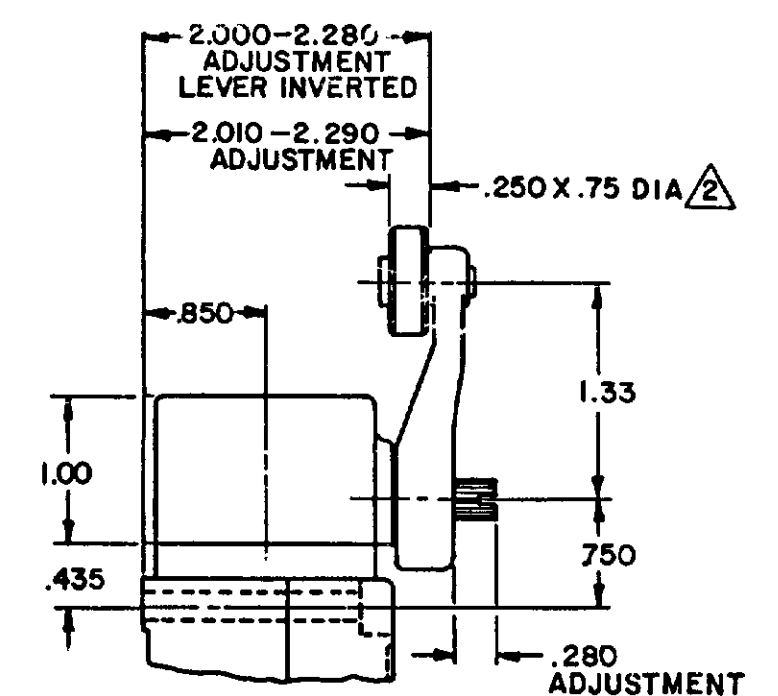
LSZ52 TYPE LEVER



LSZ54 TYPE LEVER



OPEN MOUNTED ROLLER



CLOSED MOUNTED ROLLER

LSZ59 TYPE LEVERS

NOTES

- 1 ALSO AVAILABLE IN Ø.250 X 1.500 NYLON, BUT LEVER CANNOT BE INVERTED
- 2 FOR ADDITIONAL ROLLER WIDTHS AND/OR DIAMETERS REFER TO "M" DRAWING
- 3 - FOR ADDITIONAL TYPES OF ROLLERS AND LEVERS REFER TO LSZ CHART 1 "M" DRAWING

CATALOG LISTING
LSA-LSW SERIES CHART 1
PAGE 2 OF 10
REPLACES LSA-LSW SERIES
10JUL07 RELEASE NO. CO-78498
PSR
CHECK
11AUG04
AK
11JUL94
JAF
15JUN94
MAM
DRAWN
MASTER

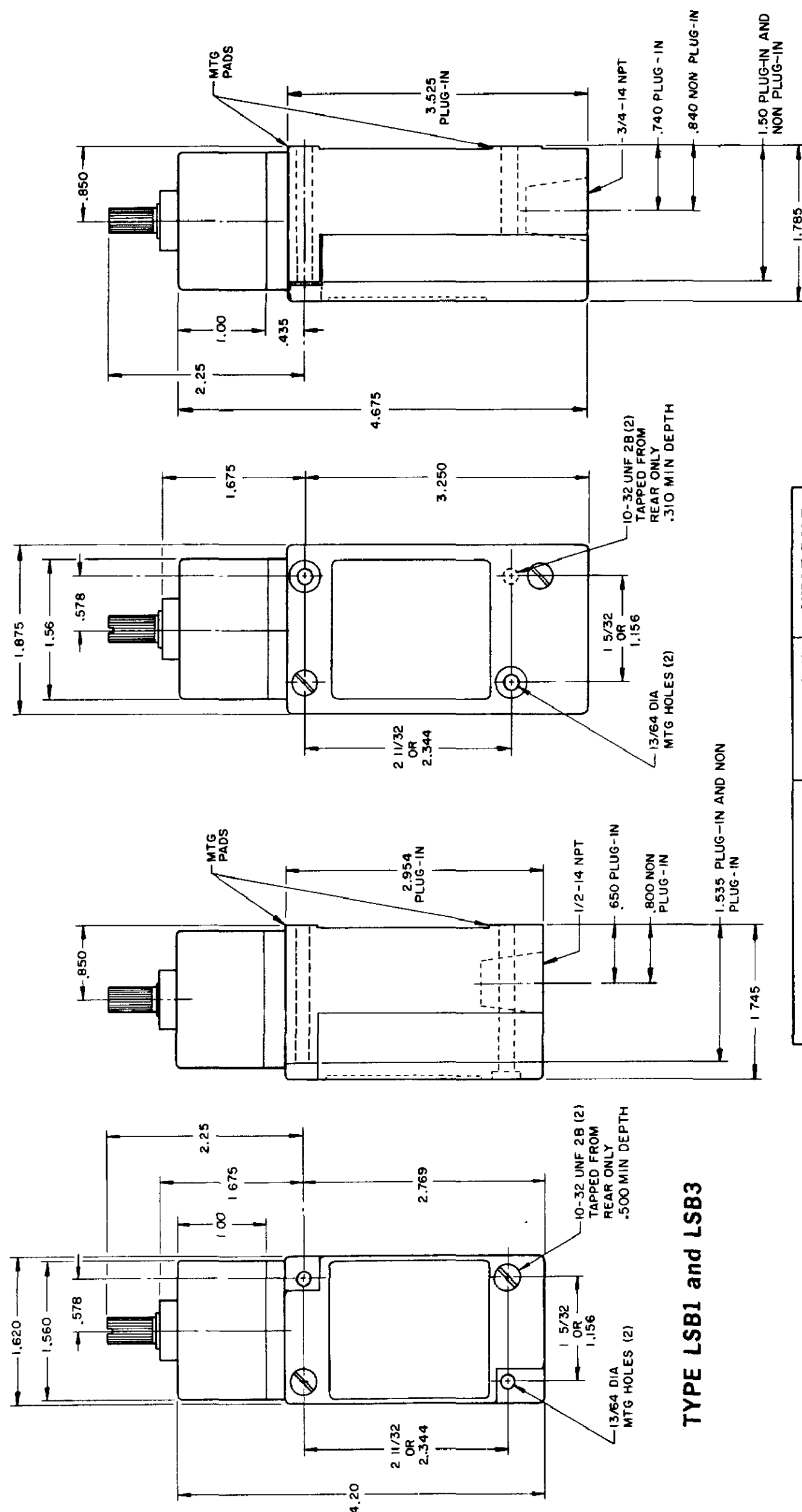
REVISIONS
L 0031956
BS 10JUL07
B 201004
C SL 10AUG00
C 201748
C SL 17NOV00
D 202198
20JAN01
E 204871
F 206581
GLH 14OCT02
G 206783
C SL 31OCT02
H 207178
GLH 14JAN03
J 207474
18FEB03
K 0006871
RR 11NOV04

THIRD ANGLE PROJECTION			
SCALE NONE			
DO NOT SCALE PRINT			
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE			
ONE PLACE	(0)	±.030	
TWO PLACES	(.00)	±.015	
THREE PLACES	(.000)	±.005	
ANGLES		±	
WEIGHT			

TOP ROTARY

SINGLE POLE

DOUBLE POLE



TYPE LSB1 and LSB3

**TYPE LSB2 and LSB4
LSB6 and LSB7 have 1/2" - 14 NPT
CONDUIT HOLE**

PRETRAVEL MAX	SINGLE POLE 25°	DOUBLE POLE 25°
OVERTRAVEL MIN	110°	110°
DIFFERENTIAL TRAVEL MAX	10°	12°
OPERATING TORQUE MAX	2 5 IN. LBS	2 5 IN. LBS
TOTAL TRAVEL (REF)	135°	135°

ELECTRICAL RATINGS

10 AMP CONT.	A.C. VOLTAGE	AMPS AT 35 POWER FACTOR					
		SINGL POLE		DOUBLE POLE		BREAK	
		MAKE	BREAK	MAKE	BREAK	MAKE	BREAK
	120	60	6	30	3		
	240	30	3	15	1.5		
	480	15	1.5	7.5	75		
	600	12	1.2	6	6		

D. C. VOLTAGE	MAKE & BREAK INDUCTIVE	RESISTIVE
120	0.25	0.80
240	0.15	0.40

ELECTRONIC DUTY BASIC SWITCH
10 AMP CONT

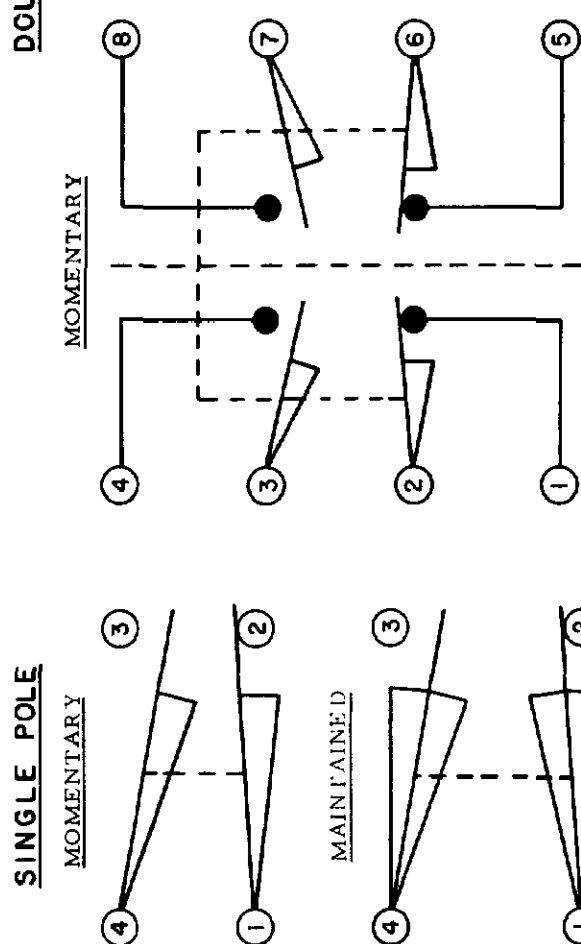
VOLTAGE	
5 AC OR DC MIN	01 AMP MIN
600 AC	720 VA
240 DC	30 WATT

**DIRECT ACTING (ALSO RATED AT A. C. 10
AMP CONT.)**

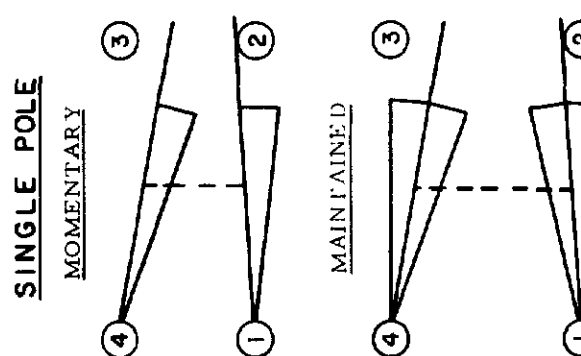
D. C. VOLTAGE	MAKE AND BREAK AMPS	
	INDUCTIVE	RESISTIVE
30	4.2	4.2
120	1.1	1.1
240	.55	.55

**WIRING BASIC SWITCH
(SAME POLARITY MUST BE OBSERVED FOR EACH POLE)**

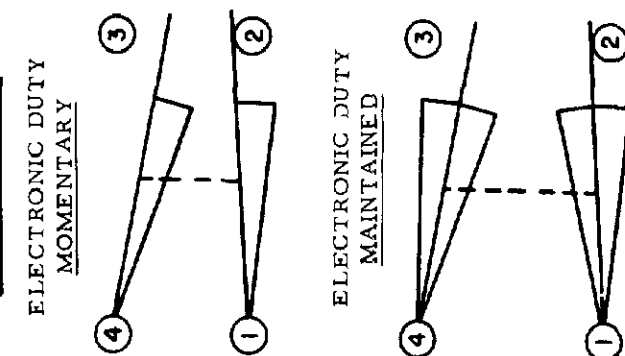
DOUBLE POLE



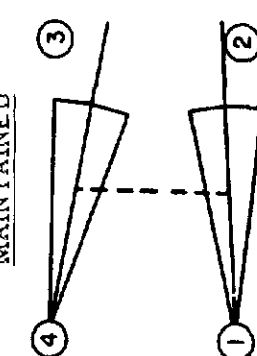
SINGLE POLE



SINGLE POLE



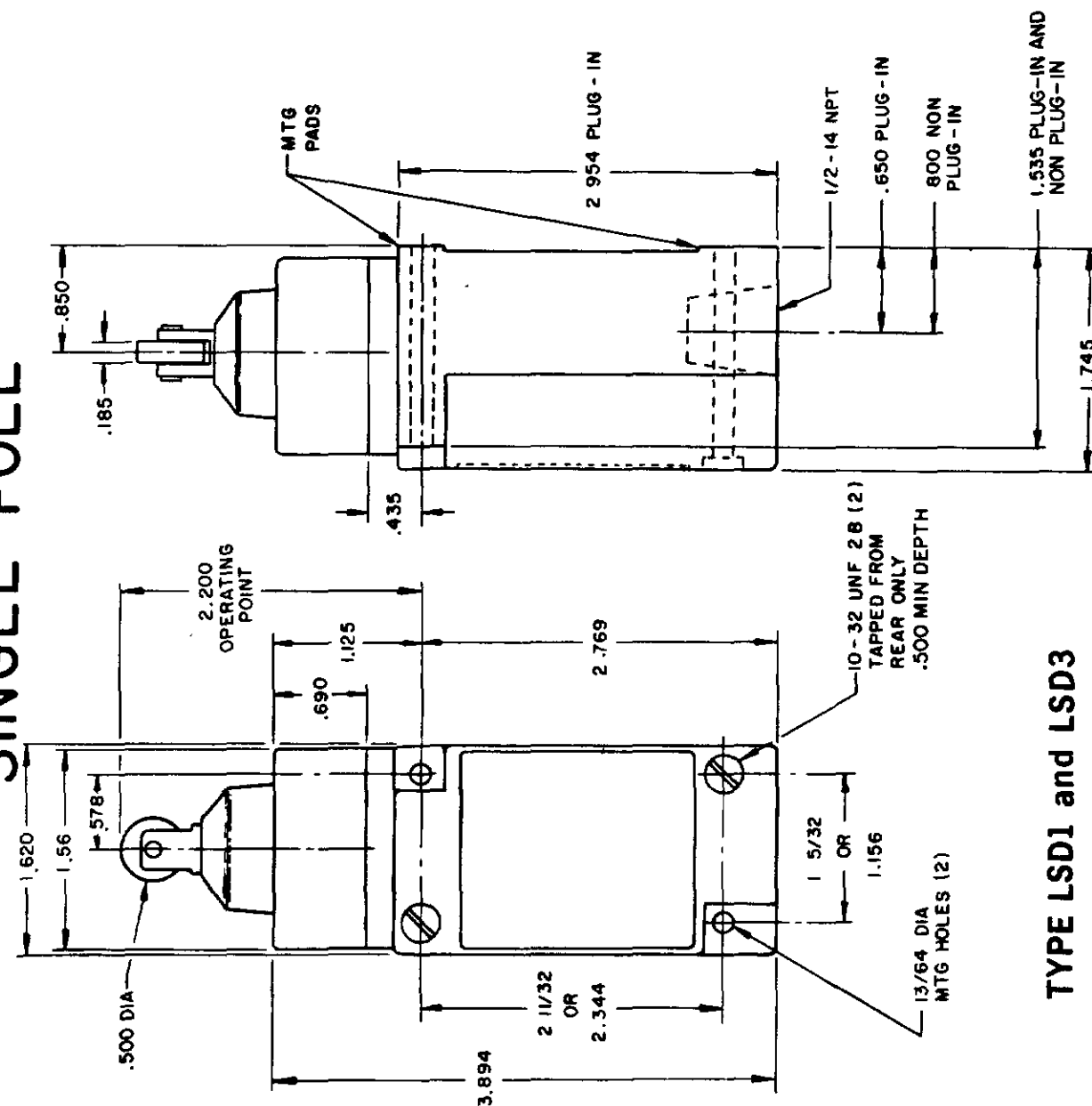
ELECTRONIC DUTY



DIRECT ACTING

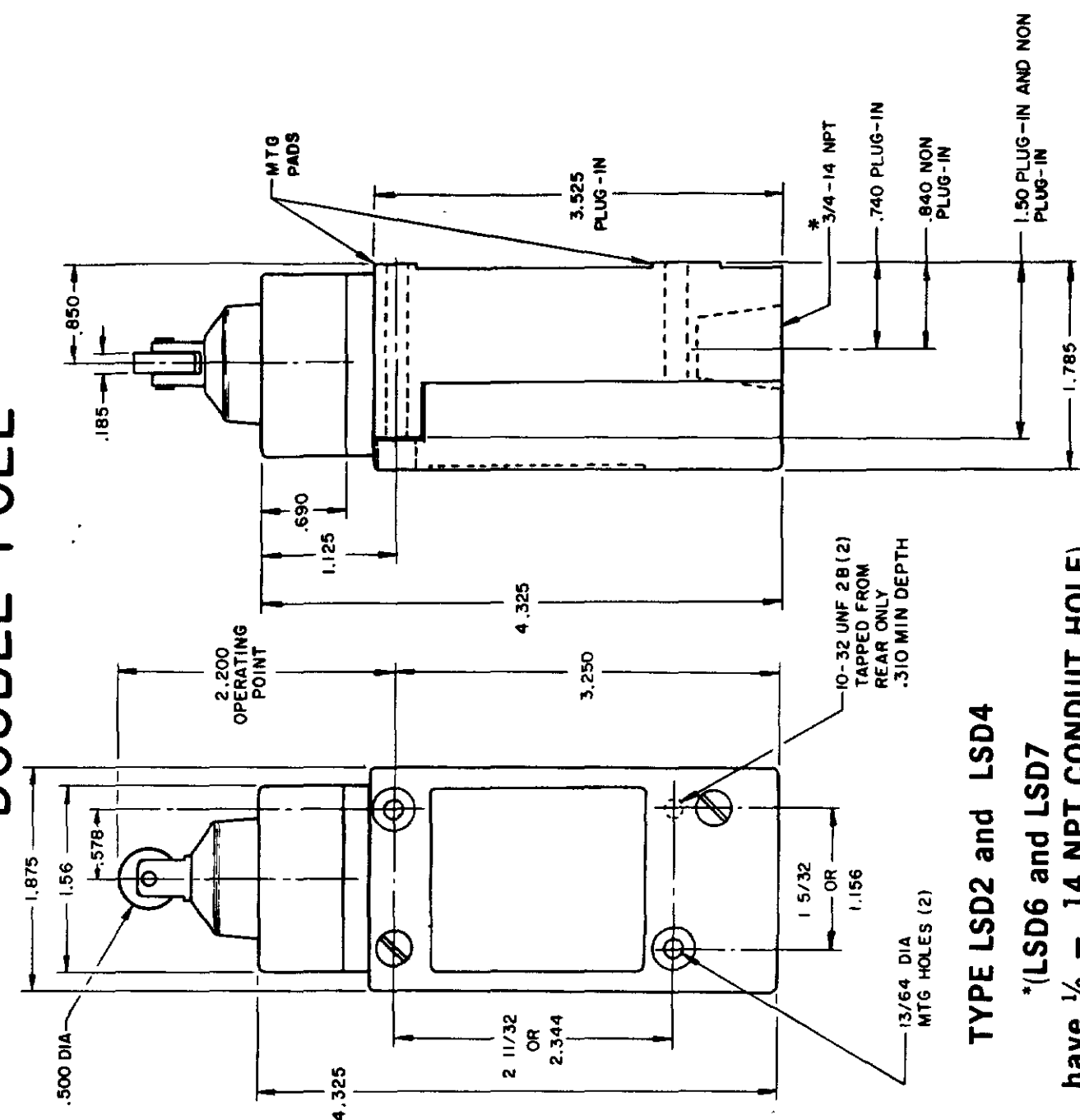


SINGLE POLE



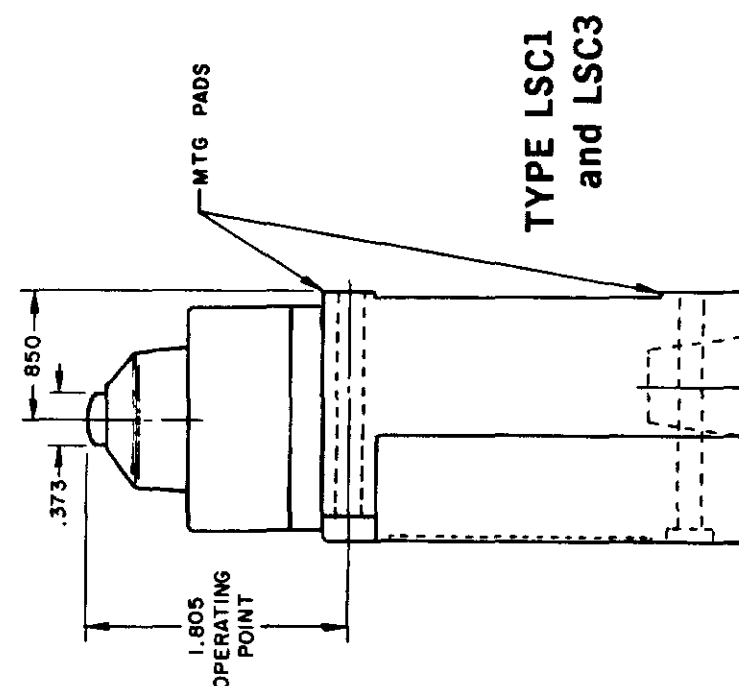
TYPE LSD1 and LSD3

DOUBLE POLE

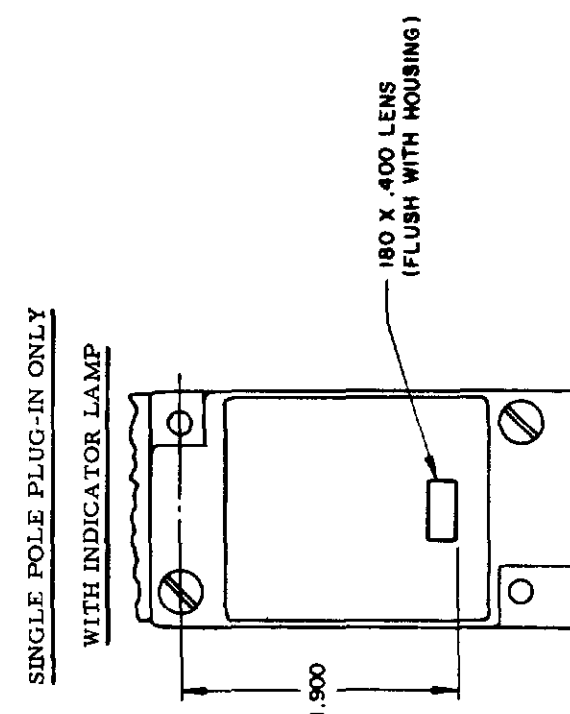


TYPE LSD2 and LSD4

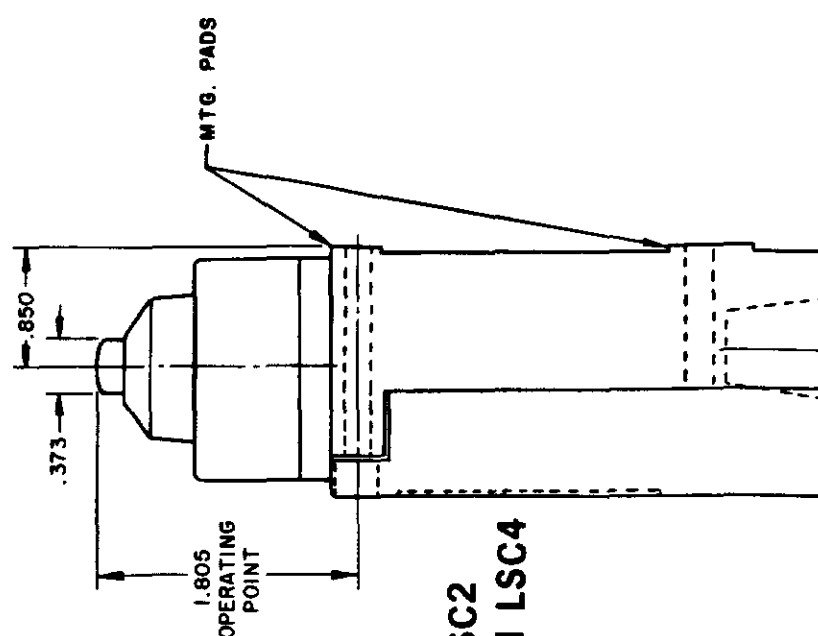
*(LSD6 and LSD7 have 1/2 - 14 NPT CON



TYPE LSC1 and LSC3

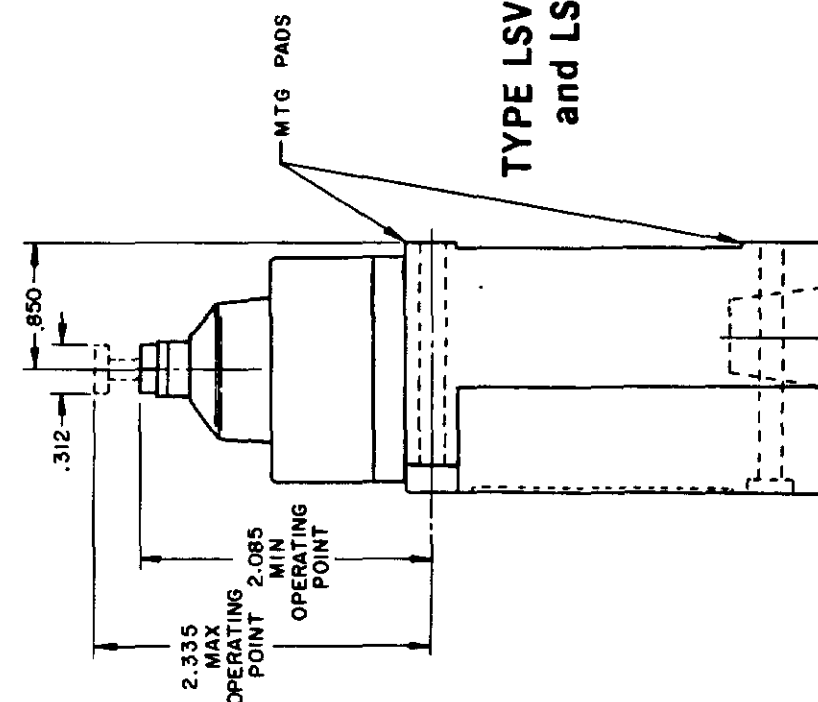


**TYPE LSC2
and LSC4**

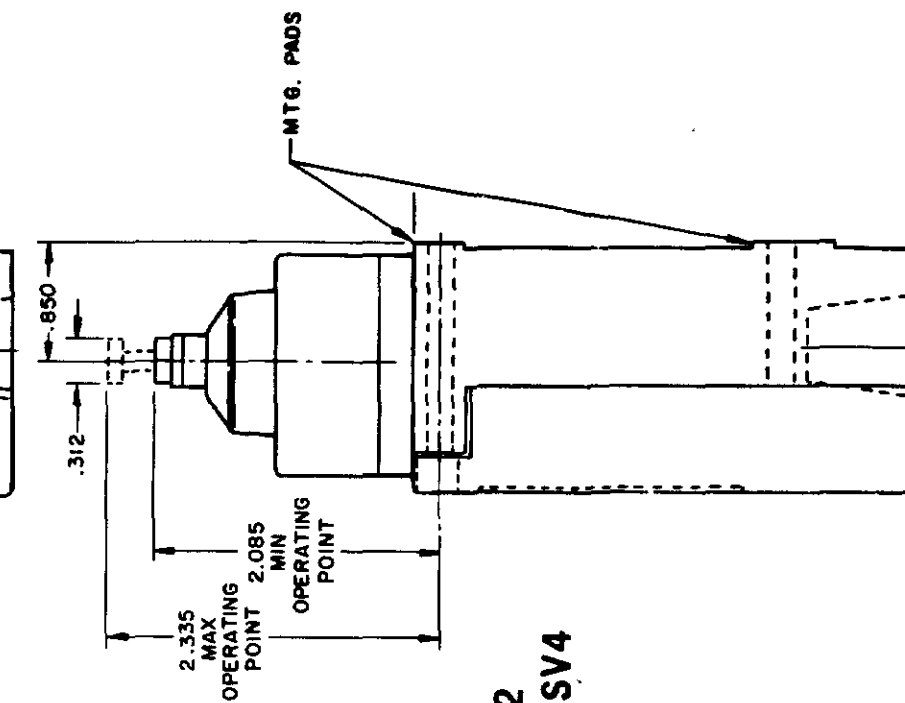


**120 LAMP VOLTAGE -
TYPE LSC5, LSD5 or LSV5**

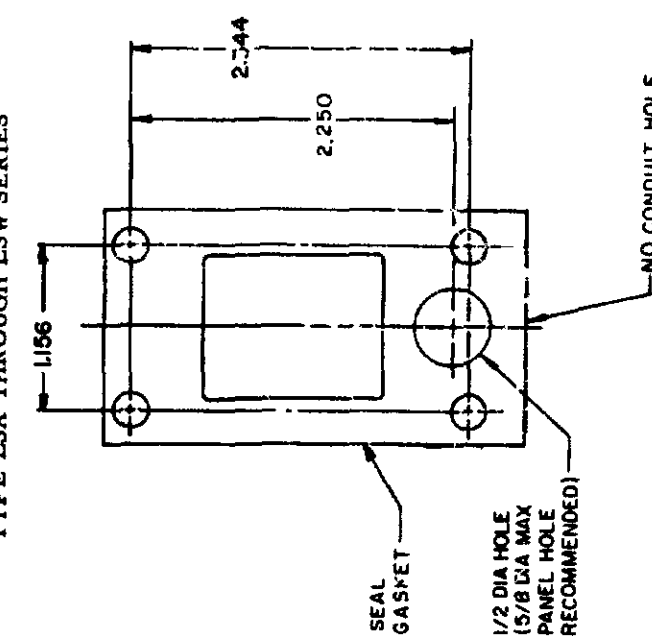
**240 LAMP VOLTAGE .
TYPE LSC8, LSD8 or LSV8**



TYPE LSV1 and LSV3



**TYPE LSV2
and LSV4**



PAGE 4 OF 10

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MICRO SWITCH
a Honeywell Division

FED MFG CODE 91929

SWITCH - ENCLOSED

CATALOG LISTING

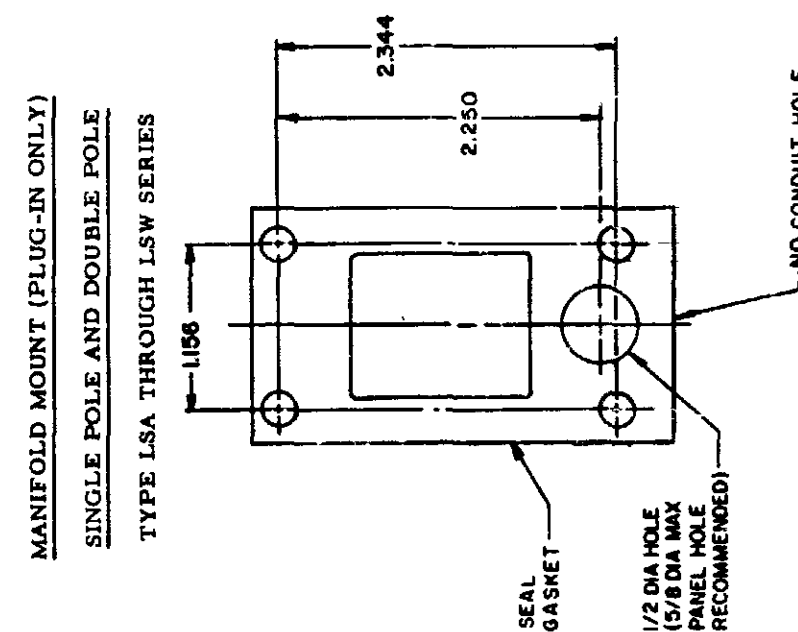
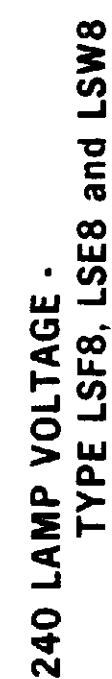
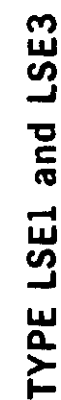
LSA-LSW SERIES

CHART 1

SCALE NONE

~~DO NOT SCALE PRINT~~

SINGLE POLE DOUBLE POLE



FED MFG CODE 91928

CATALOG LISTING

LSA-LSW SERIES

CHART 1

SCALE NONE

DO NOT SCALE PRINT



TYPE LSG1 and LSG3

INITIAL POSITION —
(FREE POSITION) } PRETRAVEL
DIFFERENTIAL TRAVEL
OPERATING POINT } OVERTRAVEL
FULL TRAVEL —

OPERATING POINT GIVEN
IN RELATION TO TOP
MOUNTING HOLE

[illegible]

PAGE 6 OF 10

SWITCH - ENCLOSED

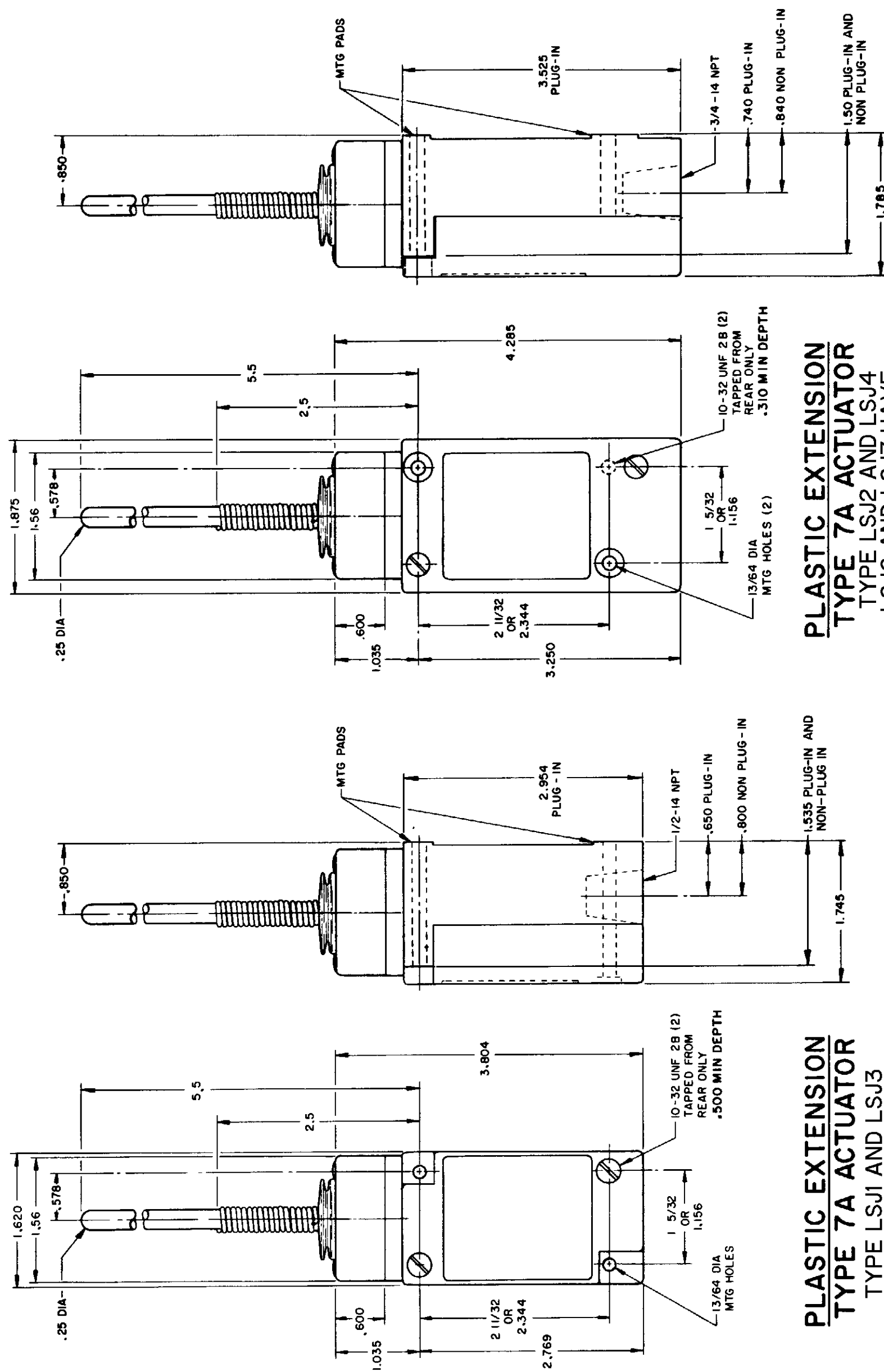
CATALOG LISTING

LSA-LSW SERIES

CHART 1

SCALE	NONE	
DO NOT SCALE PRINT		
UNLESS		
DIMENSIONS ARE NOTED		
TOLERANCES		
ONE PLACE	(.0)	±
TWO PLACE	(.00)	±
THREE PLACE	(.000)	±
ANGLES		±
WEIGHT		

WOBBLE STICK
SINGLE POLE
DOUBLE POLE



PLASTIC EXTENSION
TYPE 7A ACTUATOR
TYPE LSJ1 AND LSJ3

PLASTIC EXTENSION
TYPE 7A ACTUATOR
TYPE LSJ2 AND LSJ4
LSJ6 AND LSJ7 HAVE
1/2 - 14 NPT CONDUIT HOLE

MICRO SWITCH
Honeywell Division

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SWITCH - ENCLOSED

LSA-LSW SERIES

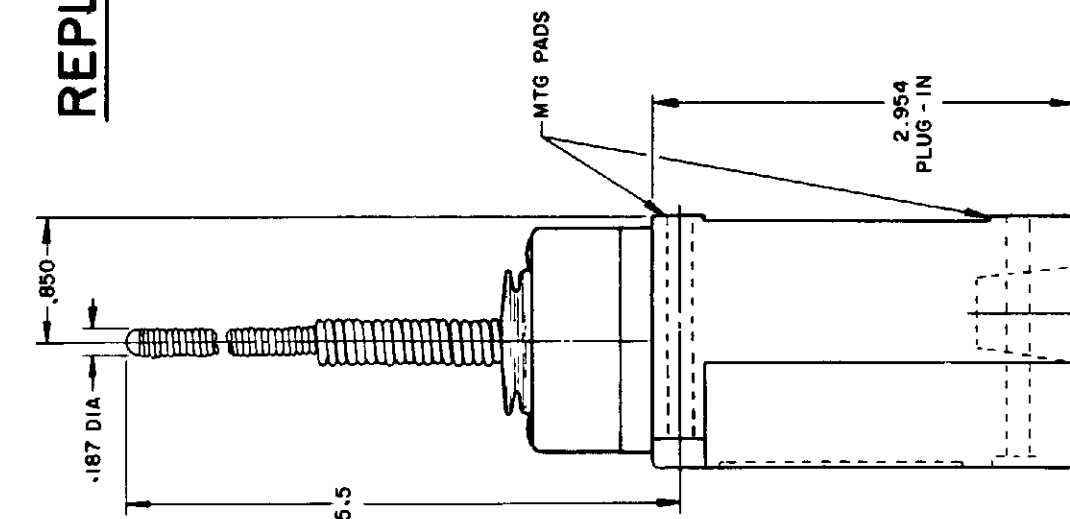
CATALOG LISTING

PAGE 7 OF 10

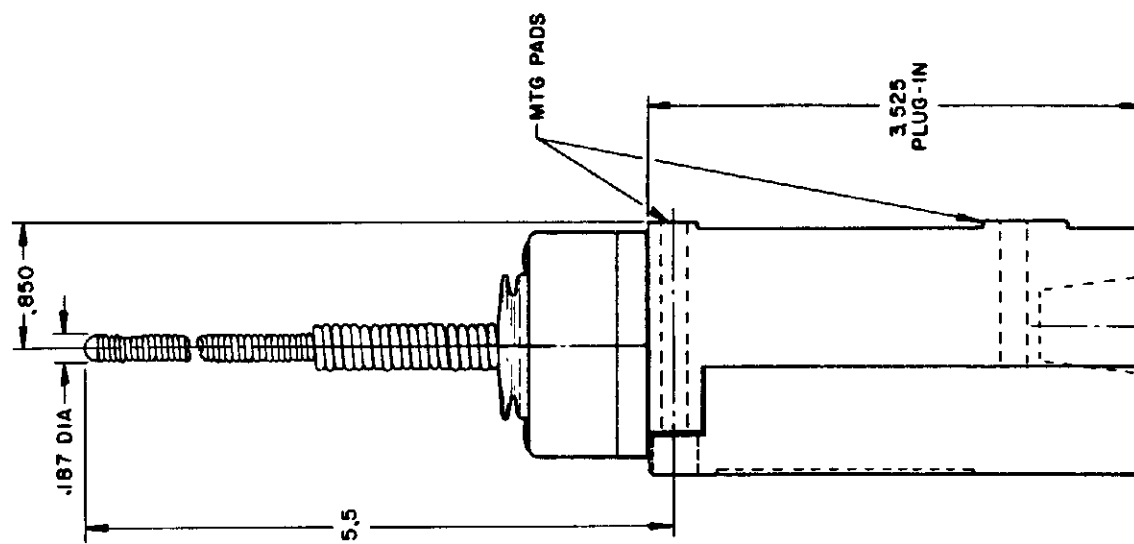
SCALE NONE

DO NOT SCALE PRINT

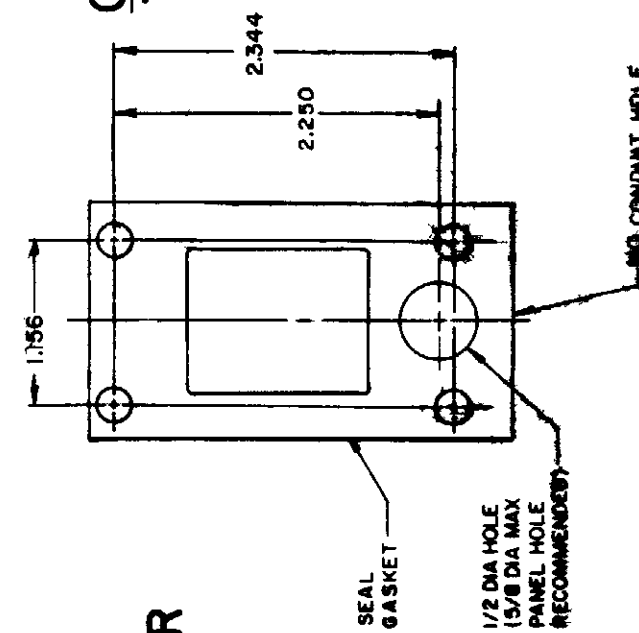
REPLACEMENT ACTUATOR
LSZ-4009



CABLE EXTENSION
TYPE 7 N ACTUATOR



CABLE EXTENSION
TYPE 7N ACTUATOR



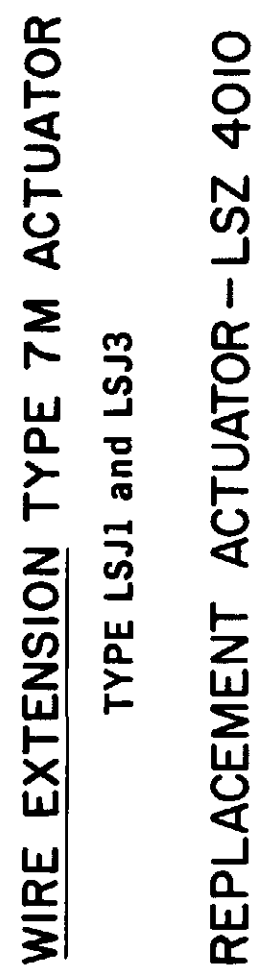
REPLACEMENT ACTUATOR
LSZ-40||

120 LAMP VOLTAGE TYPE LSJ5
240 LAMP VOLTAGE TYPE LSJ8
24 LED VOLTAGE TYPE LSJ9

SINGLE POLE PLUG-IN ONLY
WITH INDICATOR LAMP

.180 X 400 LENS
(FLUSH WITH
HOUSING)

M	LSA-LSW SERIES CHART 1
	PAGE 7 OF 10



SINGLE POLE

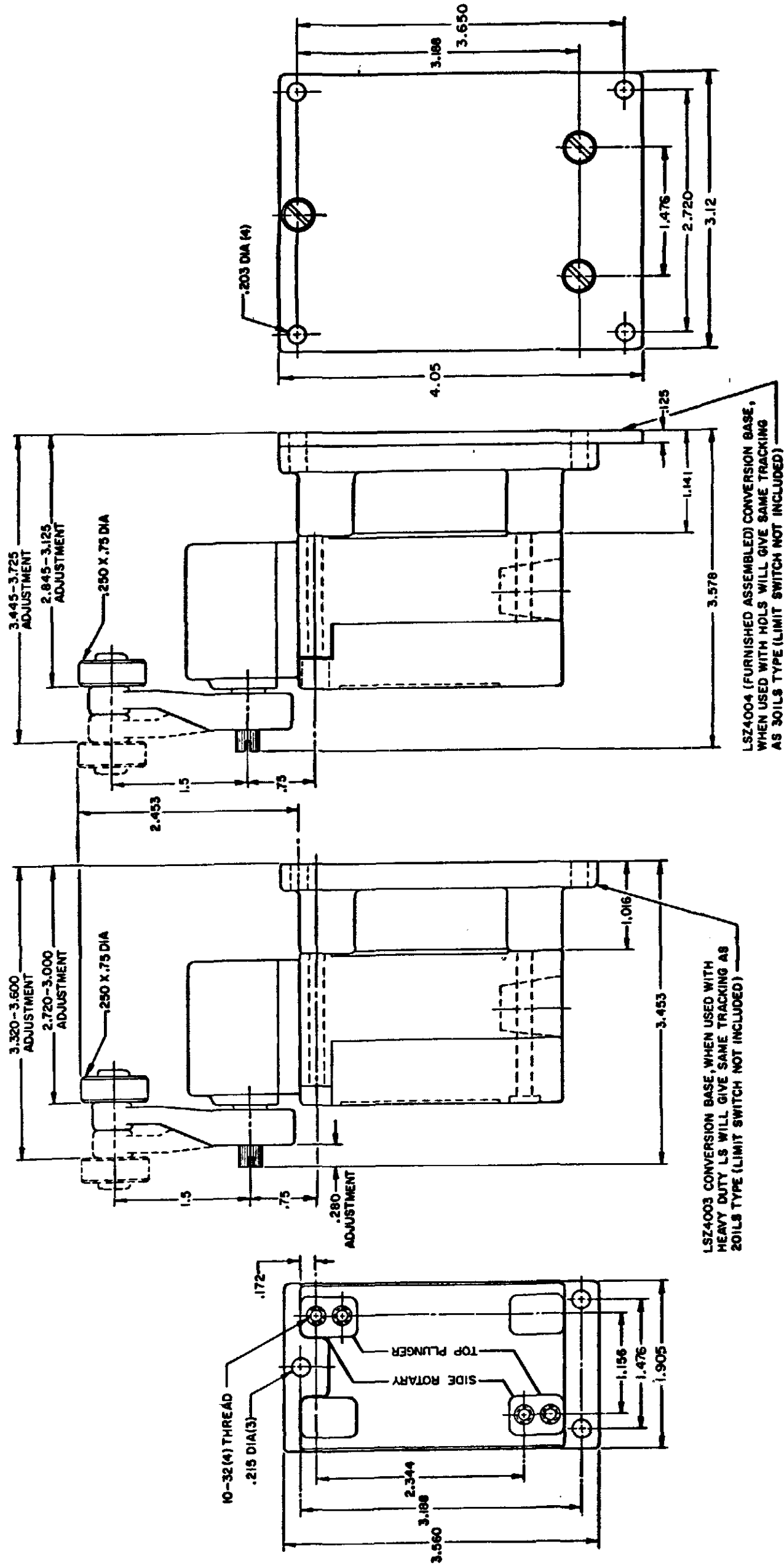


	CAT WHISKER		WOBBLE STICK			
	5 1/2" COIL	5 1/2" WIRE	1/4" WIRE	RDD.	CABLE	WIRE
PRETRAVEL (APPROX) IN. RADIUS	2	2	4.5	1.0	1.5	4.0
OPERATING FORCE-OZ (MAX)	7.0	5	3.0	10.0	7.0	5.0

CONVERSION BASES

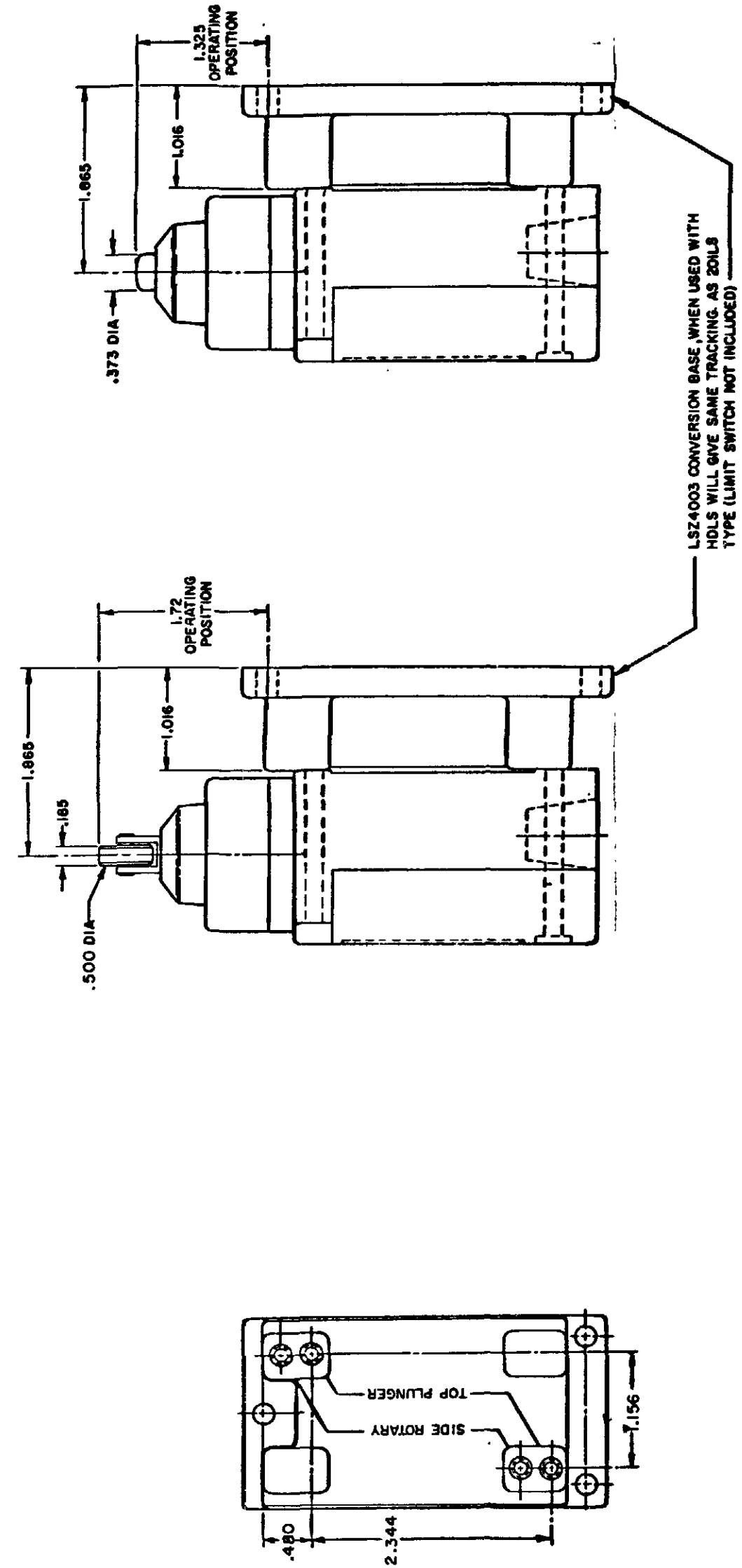
**SINGLE POLE
(SIDE ROTARY)
LSZ 4003**

**DOUBLE POLE
(SIDE ROTARY)
LSZ4004**



NOTE
SEE OTHER PAGES OF LSA-LSW
(M) DRAWING FOR DIMENSION OF LIMITS

SINGLE POLE TOP PLUNGER



NOTE
SEE OTHER PAGES OF LSA-LSW
(M) DRAWING FOR DIMENSION OF
LIMIT SWITCH

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MICRO SWITCH
a Honeywell Division

SWITCH - ENCLOSED

CATALOG LISTING
LSA-LSW SERIES
CHART 1

SCALE FULL
DO NOT SCALE PRINT

HEAD TYPE	CELLULOSE	DETERGENT	5 STAR	ASTM #1	ASTM #2	ASTM #3	ASTM #4	HOUGHTON SAFE 271	HOUGHTON SAFE 820	HOUGHTON SAFE 1010	MINERAL OIL	PETROL OIL	SILICON CR & OIL	SUNSAFE	BEER	STODDARD SOLV.	CHLORINATED SOLVENTS	CITRIC ACID	DI-ESTER SYN. LUBRICANTS	OZONE	HYDRAUL	PROGUARD	PETROL BASE HYDRAULIC OIL	LARD OIL	SILICATE ESTERS
LSA	4	1	1	1	1	2	1	4	1	1	1	1	1	1	4	1	2	4	4	4	1	1	2		
LSB	4	1	1	1	1	2	1	4	1	1	1	1	1	1	4	1	2	4	4	4	1	1	2		
LSC	4	2	2	1	2	4	4	2	4	2	1	2	1	2	4	1	4	3	4	4	2	2	2		
LSD	4	2	2	1	2	4	4	2	4	2	1	2	1	2	4	1	4	3	4	4	2	2	2		
LSE	4	2	2	1	2	4	4	2	4	2	1	2	1	2	4	1	4	3	4	4	2	2	2		
LSF	4	2	2	1	2	4	4	2	4	2	1	2	1	2	4	1	4	2	4	4	2	2	2		
LSG	4	2	2	1	2	4	4	2	4	2	1	2	1	2	4	1	4	3	4	4	2	2	2		
LSH	4	1	1	1	1	2	1	4	1	1	1	1	1	1	4	1	2	4	4	4	1	1	2		
LSJ	4	2	2	1	2	4	4	2	4	2	1	2	1	2	4	1	4	3	4	4	2	2	2		
LSK	4	2	2	1	2	4	4	2	4	2	1	2	1	2	4	1	4	3	4	4	2	2	2		
LSL	4	1	1	1	1	2	1	4	1	1	1	1	1	1	4	1	2	4	4	4	1	1	2		
LSM	4	1	1	1	1	2	1	4	1	1	1	1	1	1	4	1	2	4	4	4	1	1	2		
LSN	4	1	1	1	1	2	1	4	1	1	1	1	1	1	4	1	2	4	4	4	1	1	2		
LSP	4	1	1	1	1	2	1	4	1	1	1	1	1	1	4	1	2	4	4	4	1	1	2		
LSR	4	1	1	1	1	2	1	4	1	1	1	1	1	1	4	1	2	4	4	4	1	1	2		
LSV	4	2	2	1	2	4	4	2	4	2	1	2	1	2	4	1	4	3	4	4	2	2	2		
LSW	4	2	2	1	2	4	4	2	4	2	1	2	1	2	4	1	4	2	4	4	2	2	2		
LST	UNSEALED DEVICE, INTENDED TO MEET NEMA 1 ONLY																								
LSS	UNSEALED DEVICE, INTENDED TO MEET NEMA 1 ONLY																								

CODE: 1 SATISFACTORY 2 FAIR 3 DOUBTFUL 4 UNSATISFACTORY

TEMPERATURE LIMITATIONS FOR STANDARD DEVICES		
TYPES	LOW LIMIT	HIGH LIMIT
LSA	+10°F	+250°F
LSB	+30°F	+250°F
LSC	+10°F	+200°F
LSD	+10°F	+200°F
LSE	+10°F	+200°F
LSF	+10°F	+200°F
LSG	+30°F	+200°F
LSH	+30°F	+250°F
LSJ	+10°F	+200°F
LSK	+10°F	+200°F
LSL	+10°F	+250°F
LSM	+30°F	+250°F
LSN	+30°F	+250°F
LSP	+10°F	+250°F
LSR	+30°F	+250°F
LSV	+10°F	+200°F
LSW	+10°F	+200°F
LST	+30 F	+170°F
LSS	+30°F	+170°F



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Электрон
Связь**

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Наши контакты:

Телефон: +7 812 627 14 35

Электронная почта: sales@st-electron.ru

Адрес: 198099, Санкт-Петербург,
Промышленная ул, дом № 19, литера Н,
помещение 100-Н Офис 331