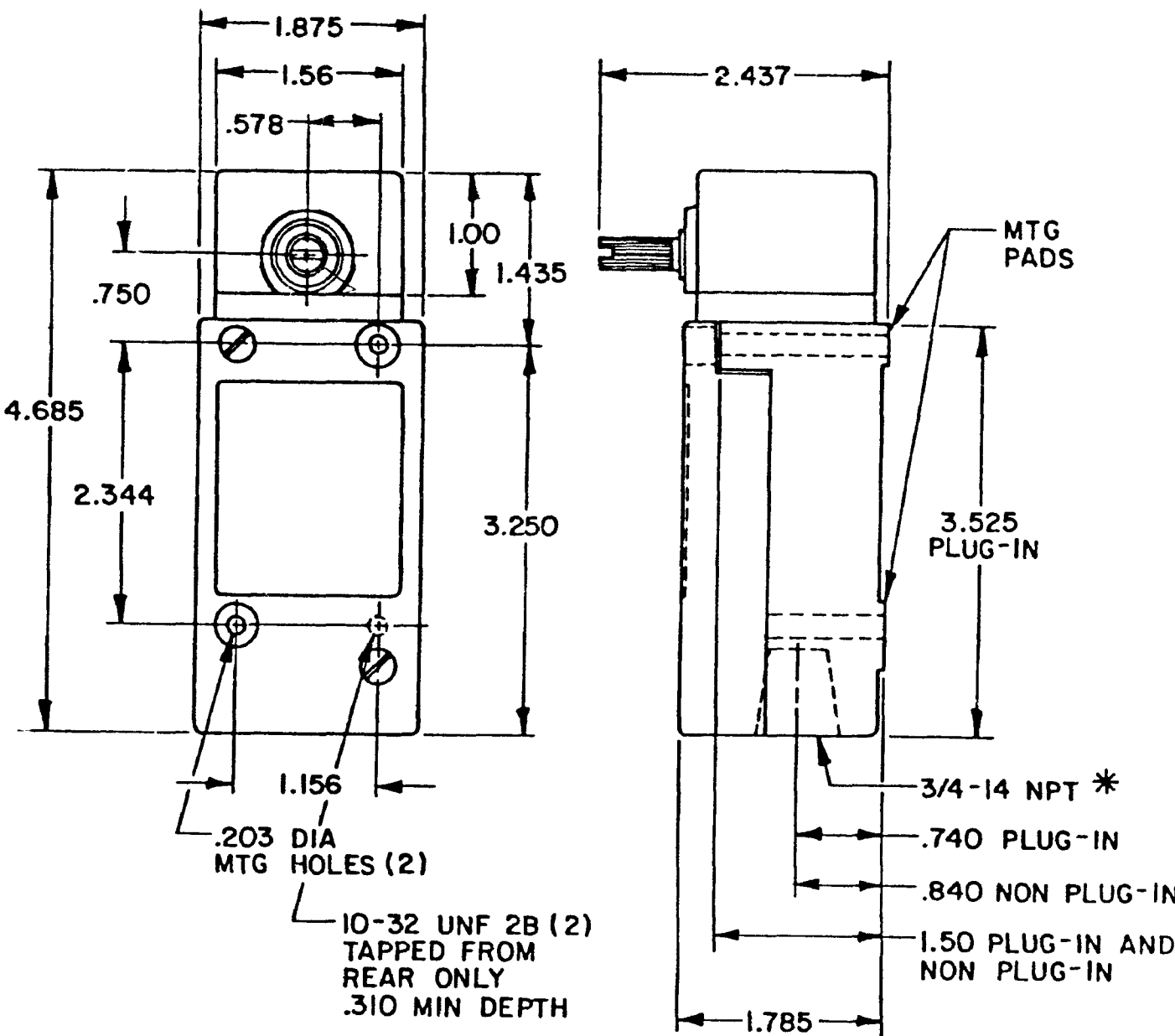


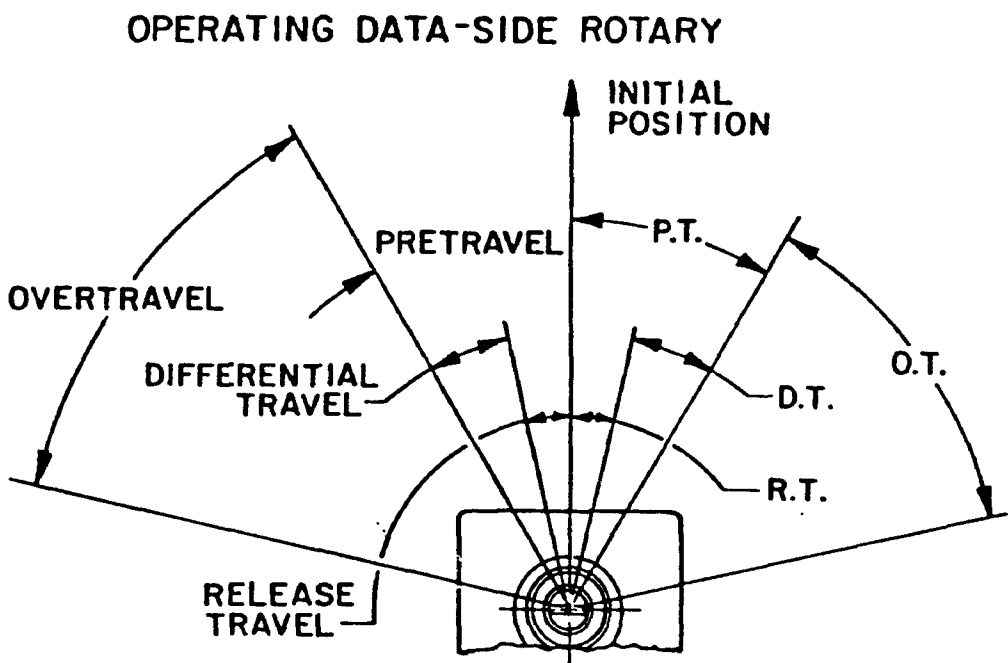
CATALOG LISTING		ISSUE		12		12		PAGE 1 OF 10		M		LSA-LSW SERIES CHART 1	
RASTER		DRAWN		REVISIONS		CHECK		PSR		RELEASE NO		CO-78498 REPLACES LSA-LSW SERIES	
1		2		3		4		5		6		7	
A		B		C		D		E		F		G	
H		I		J		K		L		M		N	
O		P		Q		R		S		T		U	
V		W		X		Y		Z		AA		AB	
AC		AD		AE		AF		AG		AH		AI	
AJ		AK		AL		AM		AN		AO		AP	
AQ		AR		AS		AT		AU		AV		AW	
AX		AY		AZ		BA		BB		BC		BD	
BE		BF		BG		BH		BI		BJ		BK	
BL		BM		BN		BO		BP		BQ		BR	
BS		BT		BU		BV		BW		BX		BY	
BZ		CA		CB		CC		CD		CE		CF	
CG		CH		CI		CJ		CK		CL		CM	
CN		CO		CP		CQ		CR		CS		CT	
CU		CV		CW		CX		CY		CZ		DA	
DB		DC		DD		DE		DF		DG		DH	
DI		DJ		DK		DL		DM		DN		DO	
DP		DQ		DR		DS		DT		DU		DV	
DW		DX		DY		DZ		EA		EB		EC	
ED		EE		EF		EG		EH		EI		EJ	
EK		EL		EM		EN		EO		EP		EQ	
ER		ES		ET		EU		EV		EW		EX	
EY		EZ		FA		FB		FC		FD		FE	
FF		FG		FH		FI		FJ		FK		FL	
FM		FN		FO		FP		FQ		FR		FS	
FT		FU		FV		FW		FX		FY		FZ	
GA		GB		GC		GD		GE		GF		GG	
GH		GI		GJ		GK		GL		GM		GN	
GO		GP		GQ		GR		GS		GT		GU	
GV		GW		GX		GY		GZ		HA		HB	
HC		HD		HE		HF		HG		HH		HI	
HJ		HK		HL		HM		HN		HO		HP	
HQ		HR		HS		HT		HU		HV		HW	
HX		HY		HZ		IA		IB		IC		ID	
IE		IF		IG		IH		II		IJ		IK	
IL		IM		IN		IO		IP		IQ		IR	
IS		IT		IU		IV		IW		IX		IY	
IZ		JA		JB		JC		JD		JE		JF	
JG		JH		JI		JJ		JK		JL		JM	
JN		JO		JP		JQ		JR		JS		JT	
JU		JV		JW		JX		JY		JZ		KA	
KB		KC		KD		KE		KF		KG		KH	
KI		KK		KL		KM		KN		KO		KP	
KQ		KR		KS		KT		KU		KV		KW	
KX		KY		KZ		LA		LB		LC		LD	
LE		LF		LG		LH		LI		LJ		LK	
LL		LM		LN		LO		LP		LQ		LR	
LS		LT		LU		LV		LW		LX		LY	
LZ		MA		MB		MC		MD		ME		MF	

DOUBLE POLE

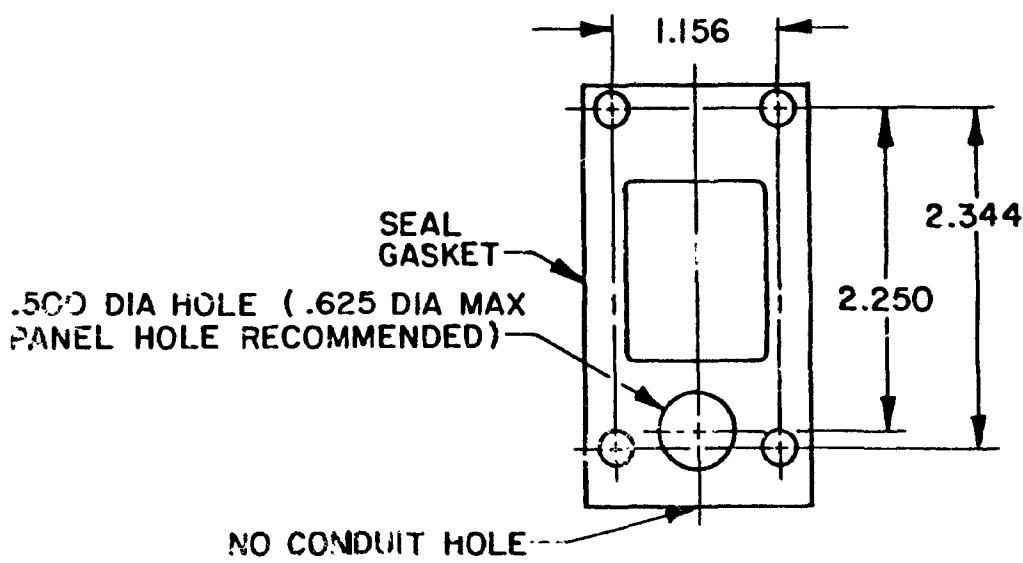


TYPE: LSA2, LSH2, LSM2, LSN2, LSP2, LSR2
LSA4, LSH4, LSM4, LSN4, LSP4, LSR4

*(LSA6, LSH6, LSM6, LSN6, LSP6, LSR6
LSA7, LSH7, LSM7, LSN7, LSP7, LSR7 HAVE
1/2-14 NPT CONDUIT HOLE)



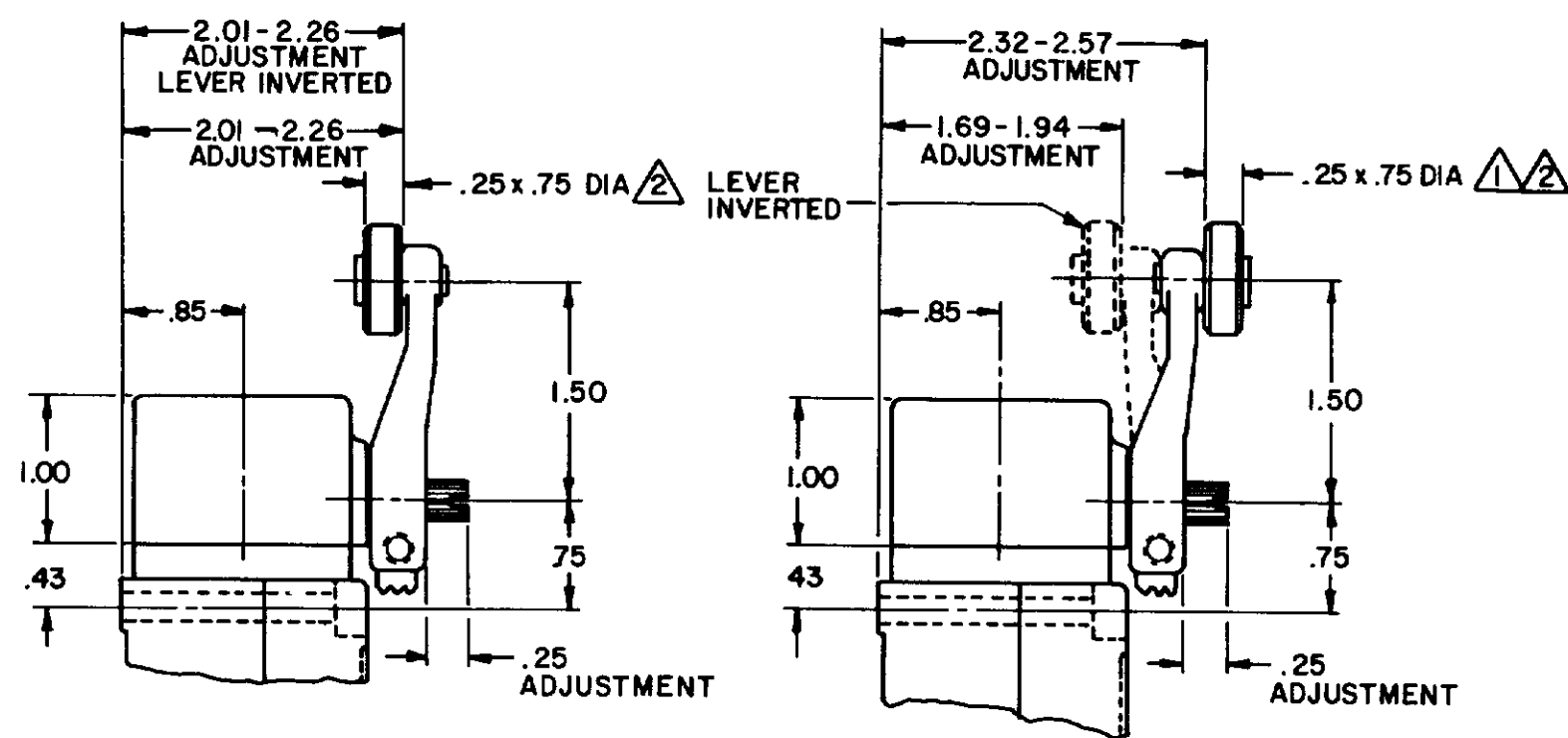
MANIFOLD MOUNT (PLUG-IN ONLY)
SINGLE POLE AND DOUBLE POLE
TYPE LSA THROUGH LSW SERIES



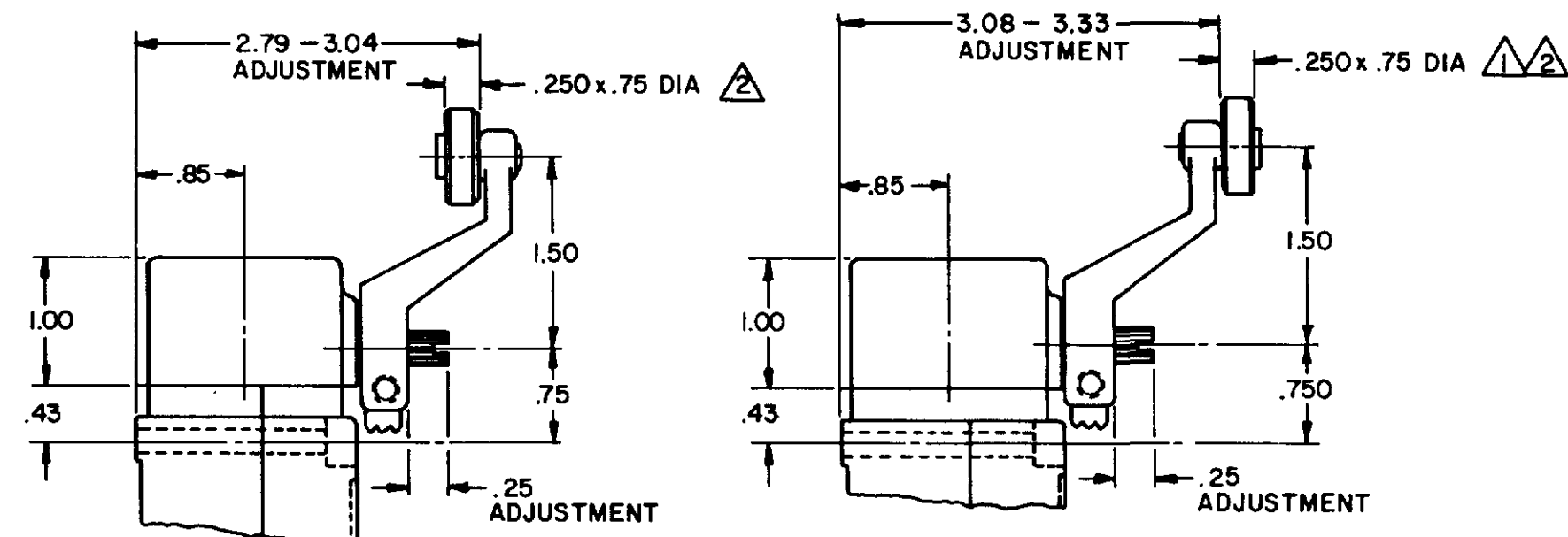
THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH, A DIVISION OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH.		
MICRO SWITCH A Honeywell Division FED. MFG. CODE 91929	SWITCH - ENCLOSED	CATALOG LISTING
		LSA-LSW SERIES CHART 1

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		

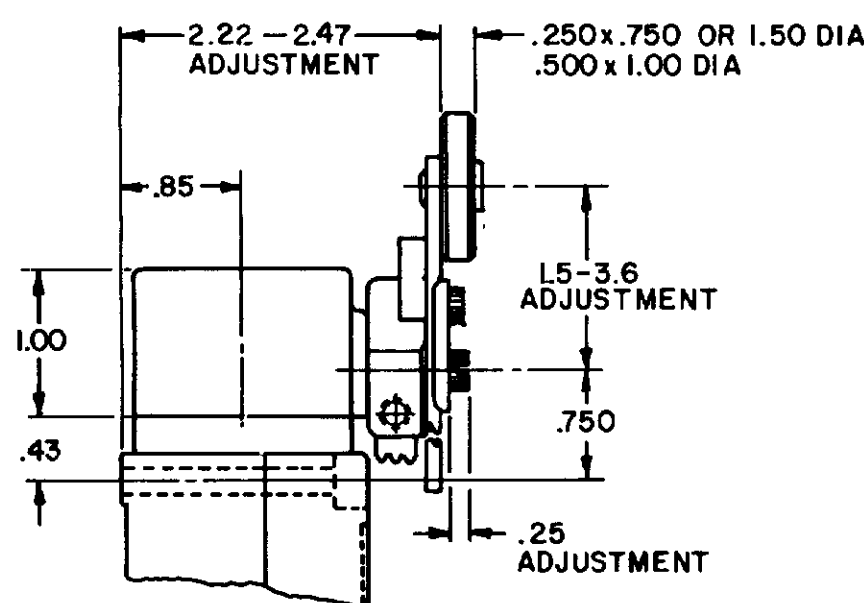
SIDE ROTARY CAM TRACKING



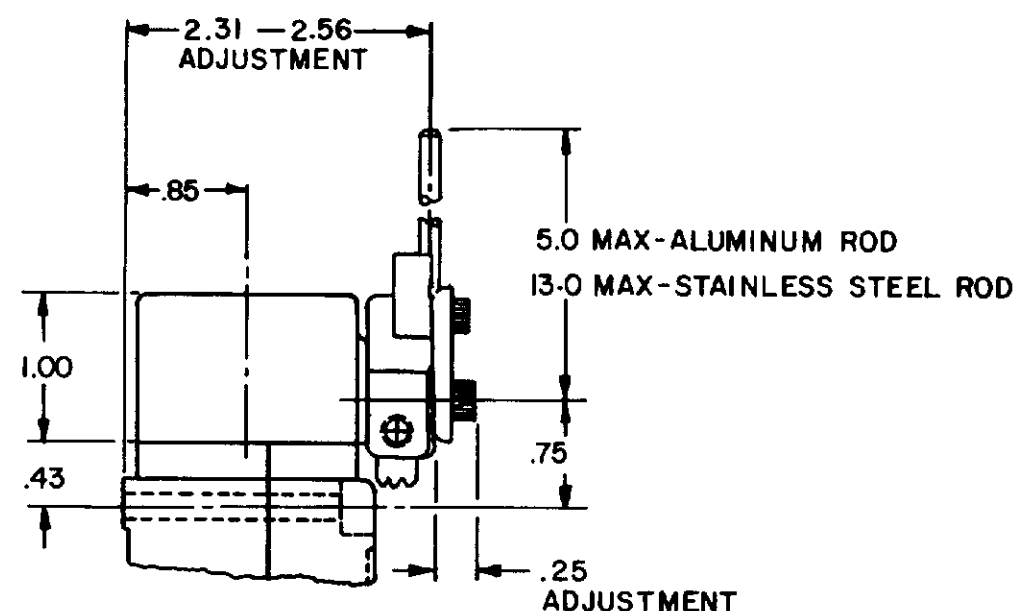
LSZ51 TYPE LEVERS



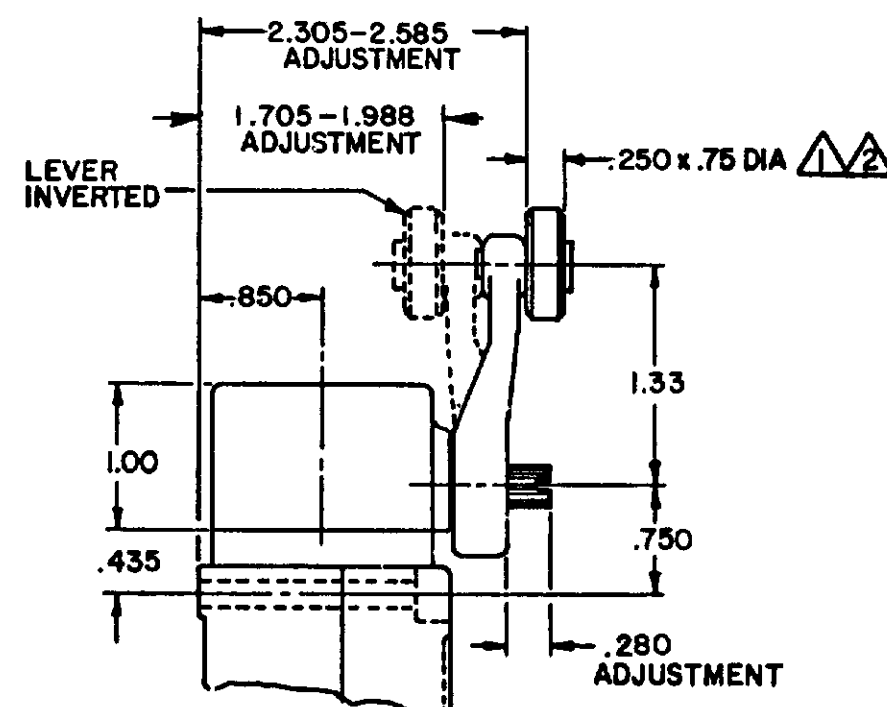
LSZ55 TYPE LEVERS



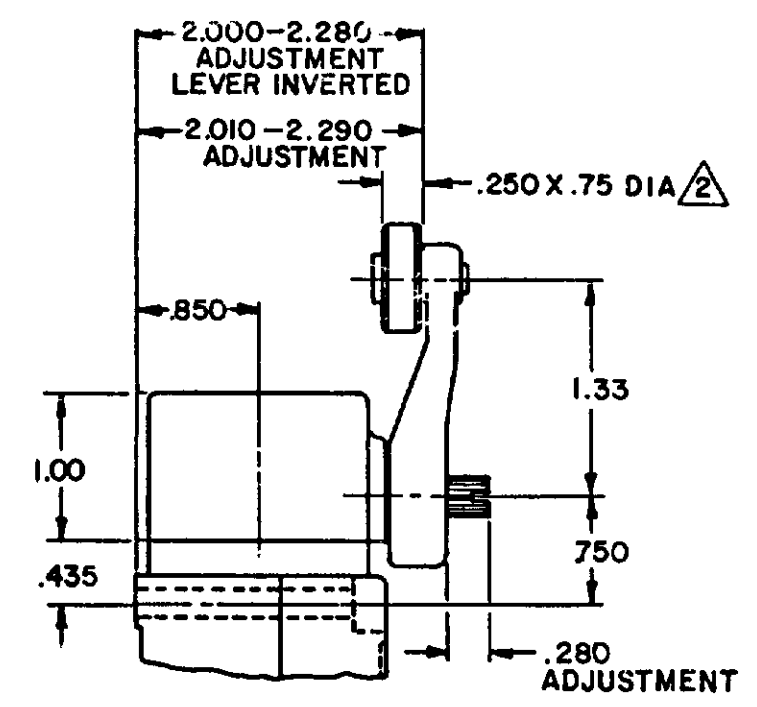
LSZ52 TYPE LEVER



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
15JUN94
JAF
15JUN94
MAM

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MICRO SWITCH
a Honeywell Division

SWITCH - ENCLOSED

CATALOG LISTING
LSA-LSW SERIES
CHART 1

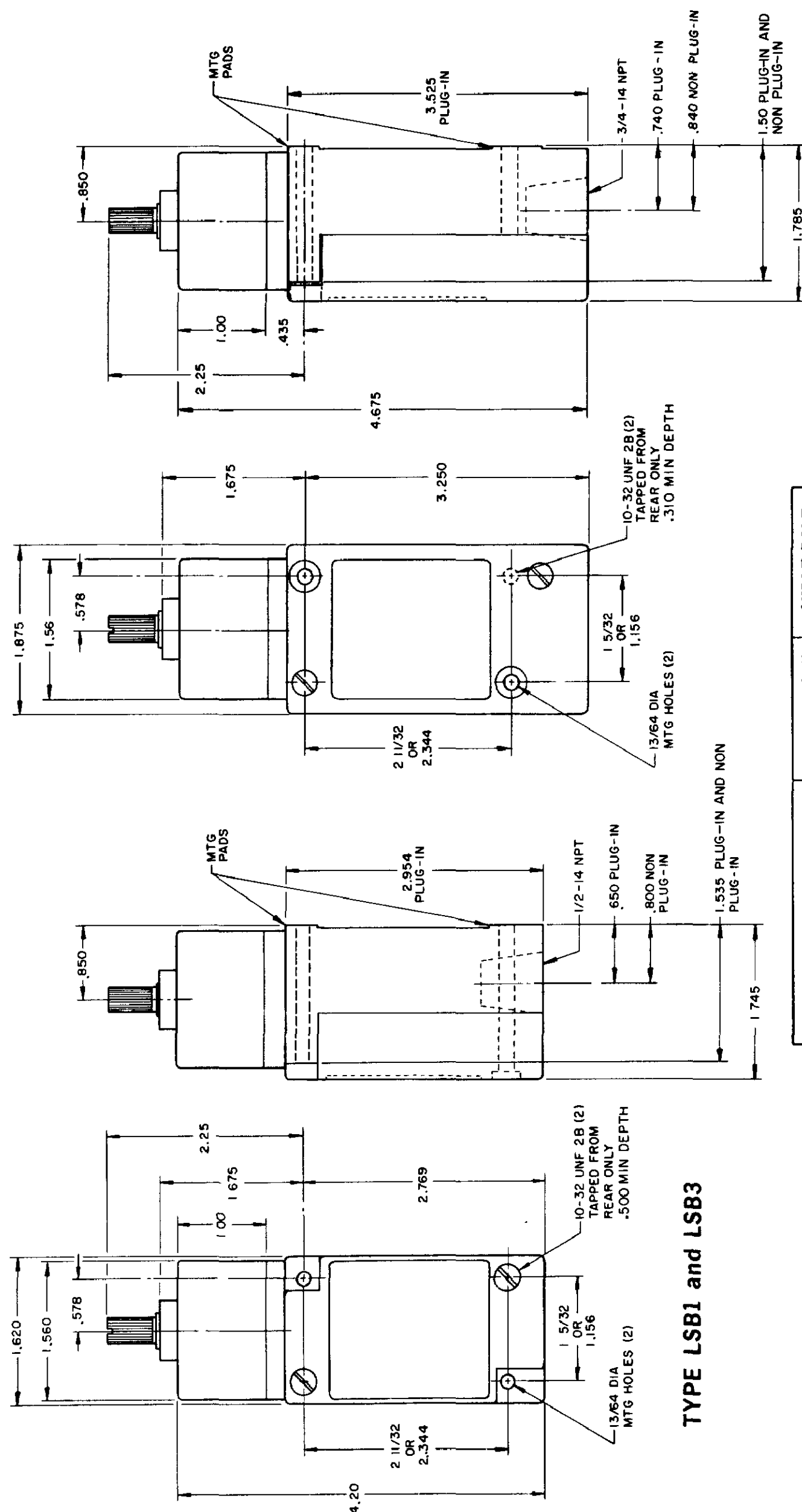
PAGE 2 OF 10

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

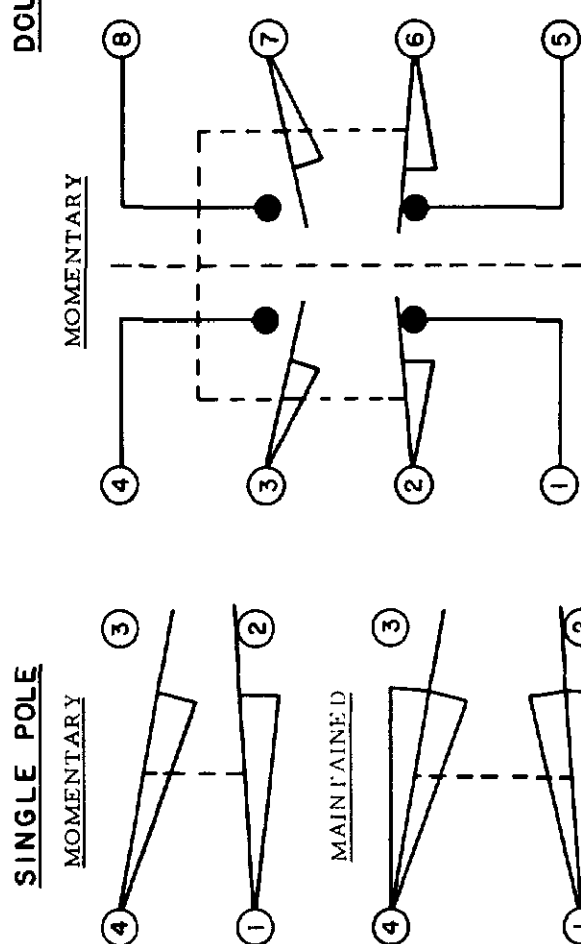
VOLTAGE	
5 AC OR DC MIN	01 AMP MIN
600 AC	720 VA
240 DC	30 WATT

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

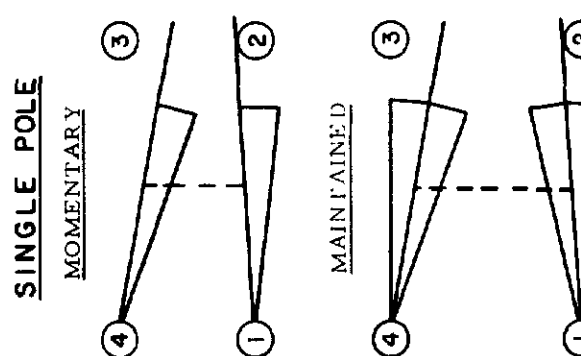
D. C. VOLTAGE	MAKE AND BREAK AMPS	
	INDUCTIVE	RESISTIVE
30	4.2	4.2
120	1.1	1.1
240	.55	.55

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

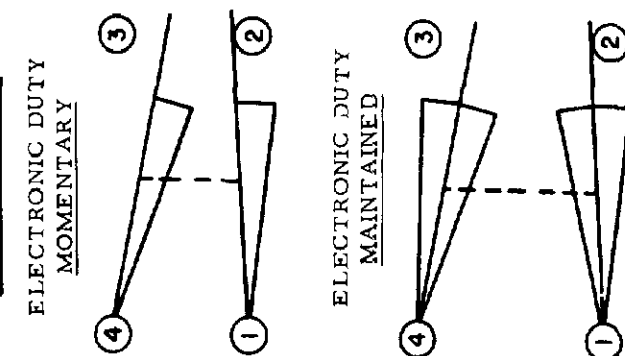
DOUBLE POLE



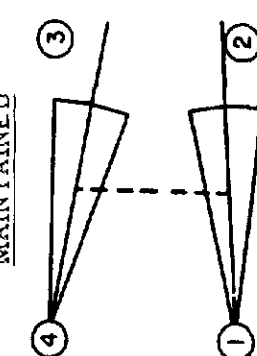
SINGLE POLE



SINGLE POLE



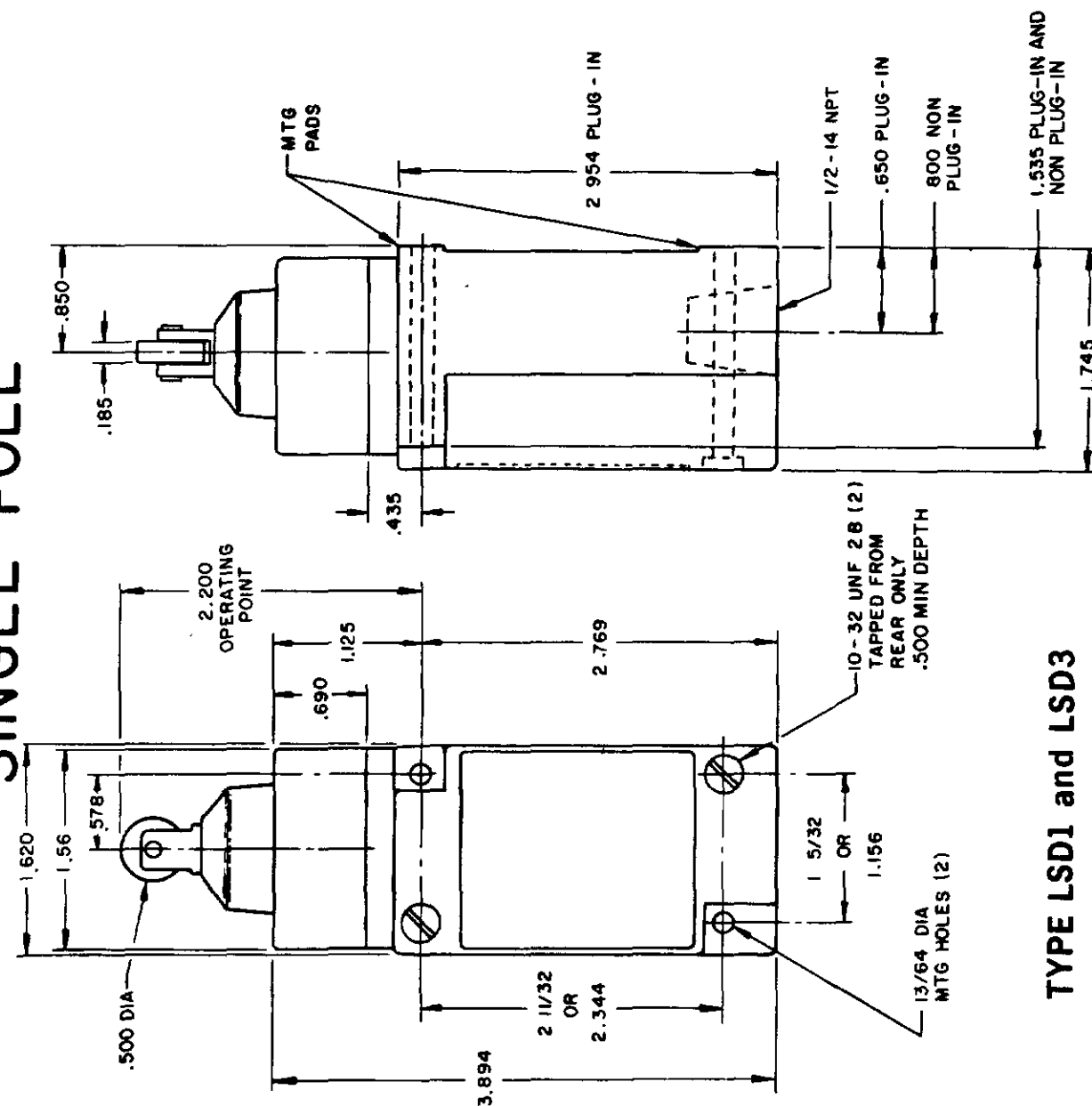
ELECTRONIC DUTY



DIRECT ACTING

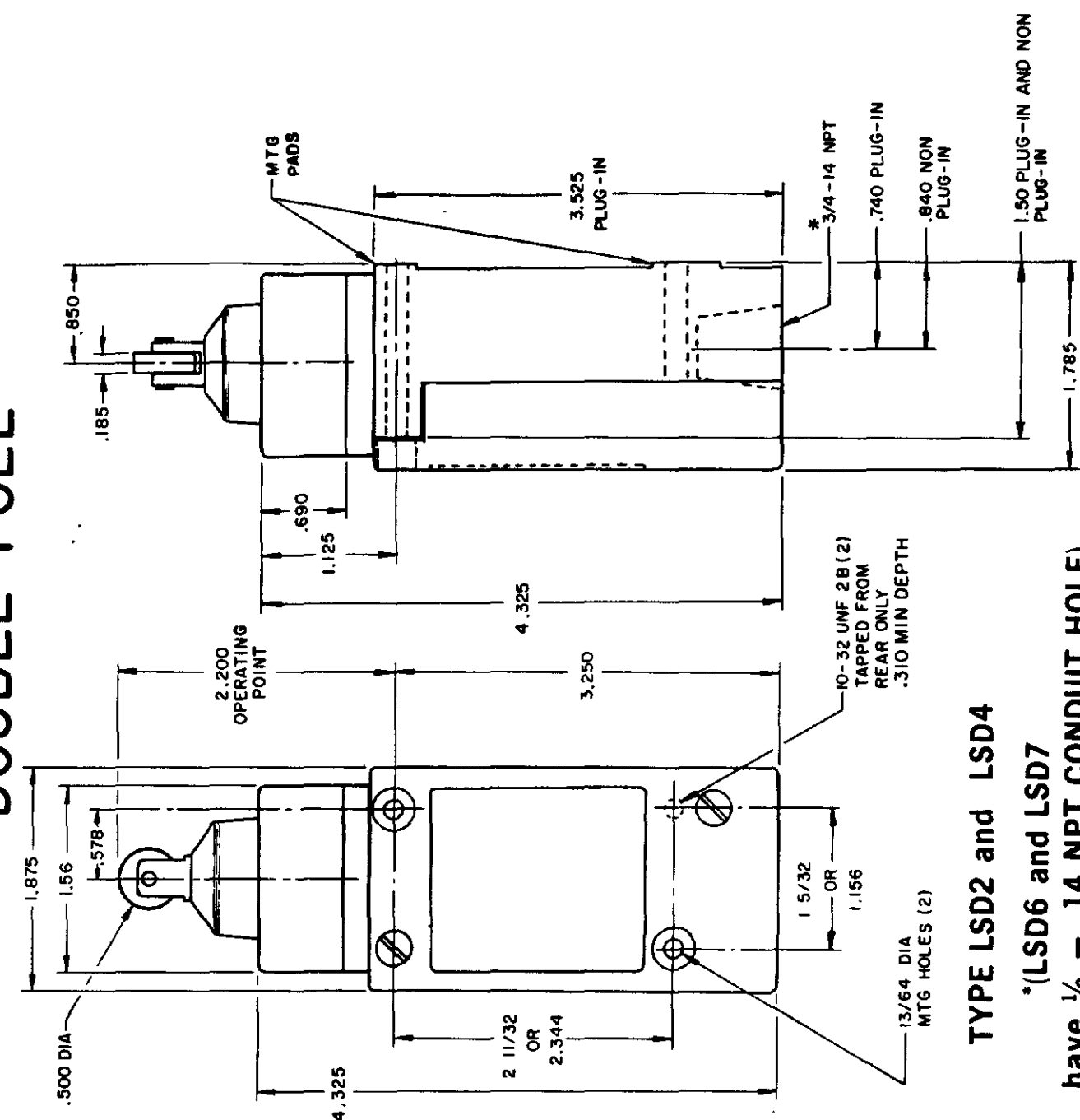


SINGLE POLE



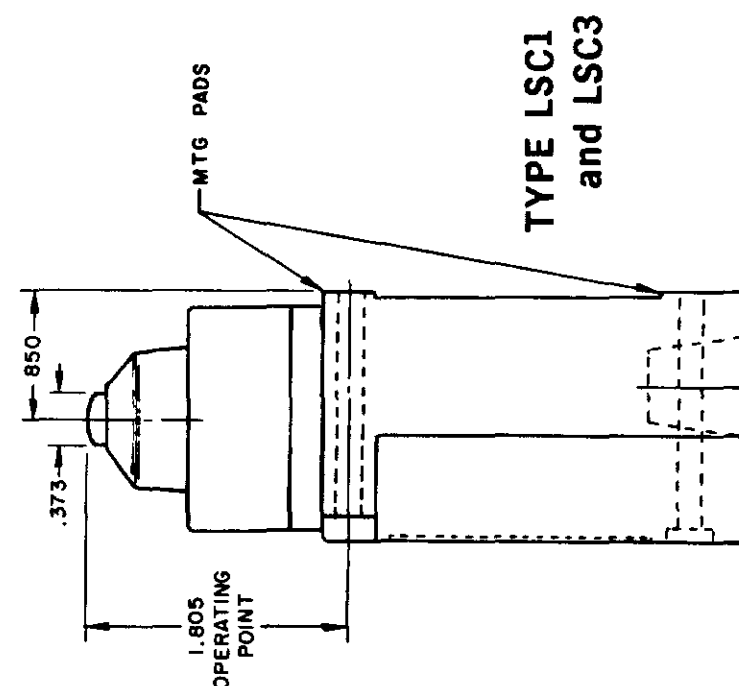
TYPE LSD1 and LSD3

DOUBLE POLE

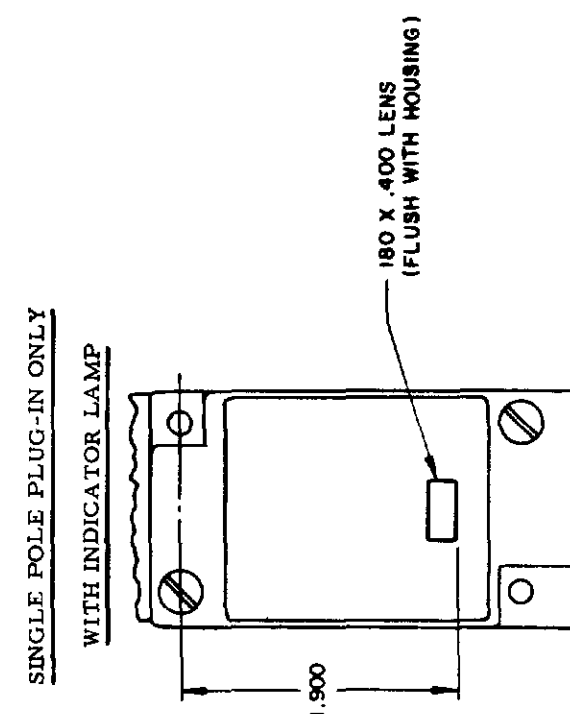


TYPE LSD2 and LSD4

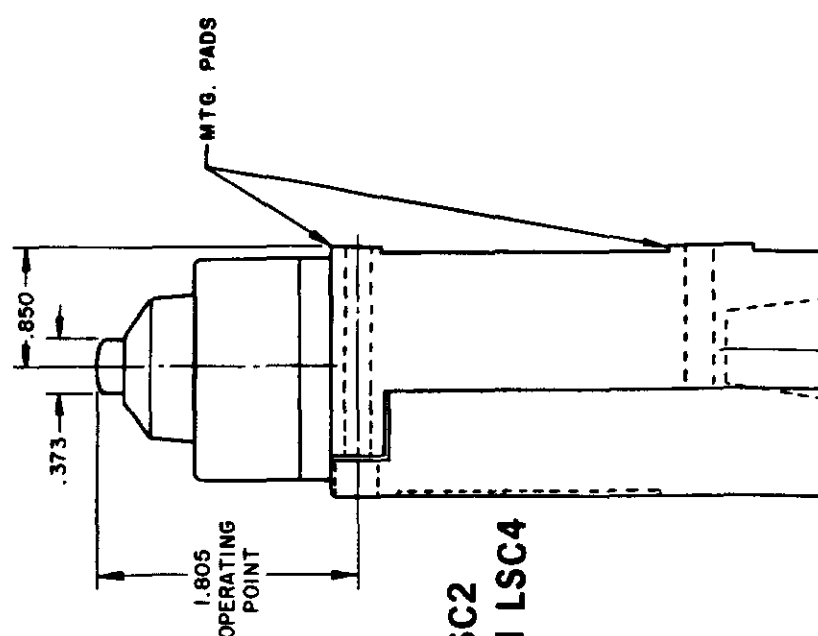
*(LSD6 and LSD7 have 1/2 - 14 NPT CON



TYPE LSC1 and LSC3

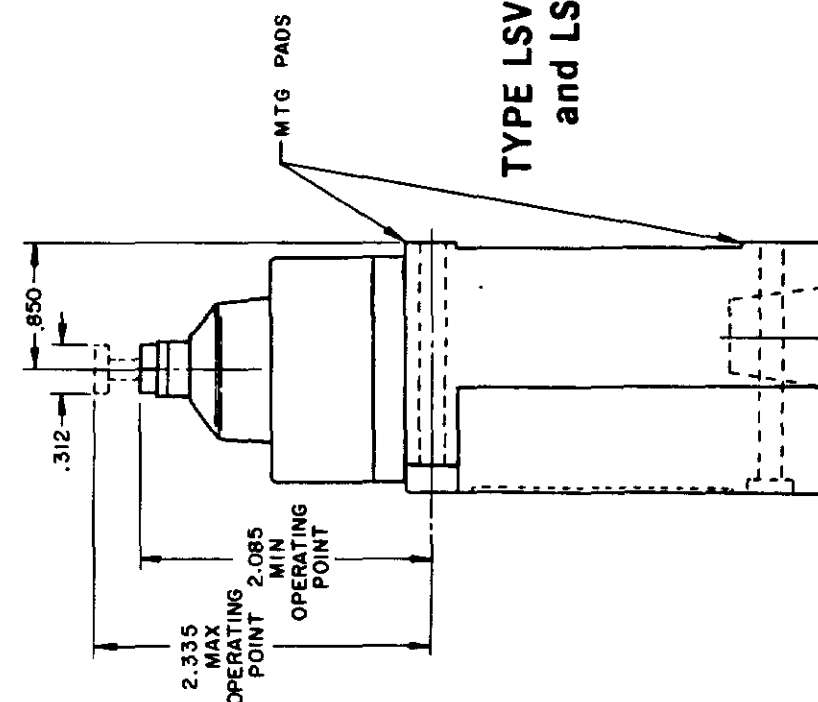


**TYPE LSC2
and LSC4**

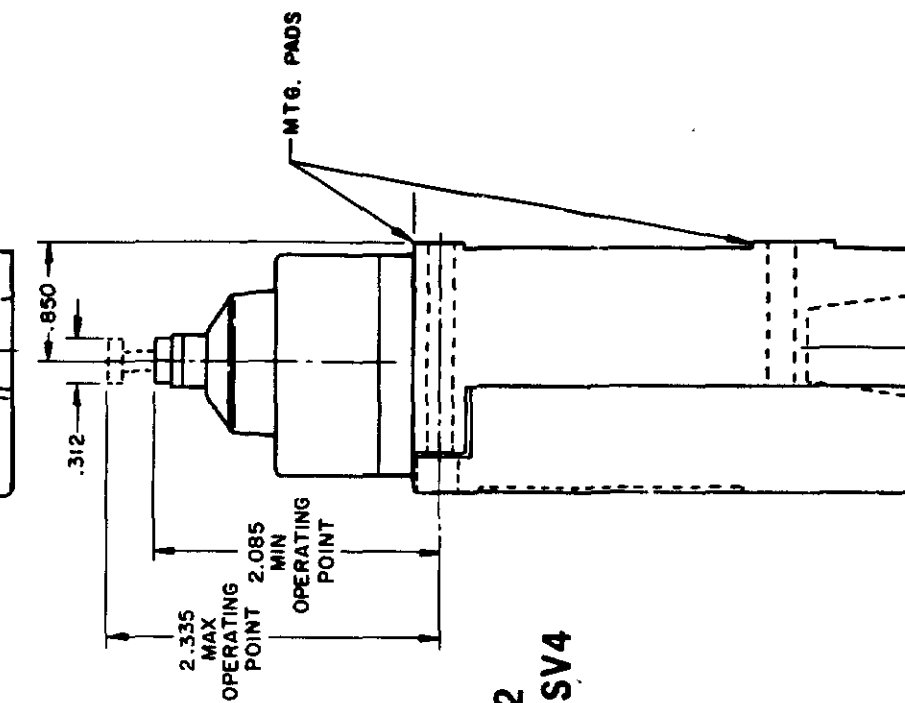


**120 LAMP VOLTAGE -
TYPE LSC5, LSD5 or LSV5**

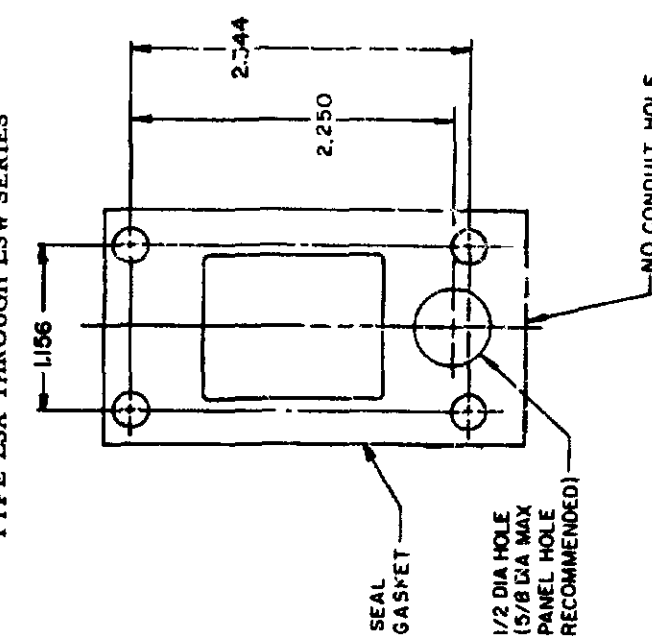
**240 LAMP VOLTAGE .
TYPE LSC8, LSD8 or LSV8**



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

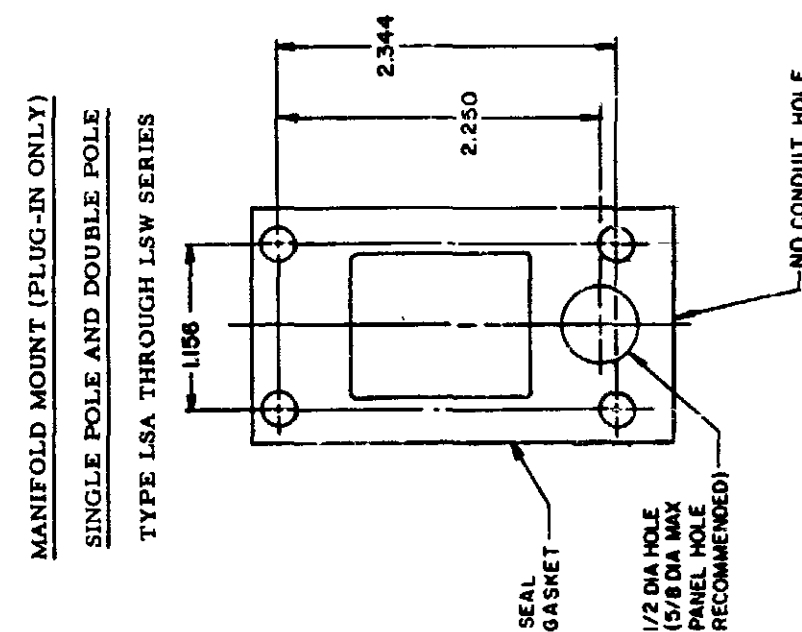
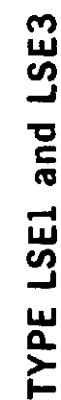
LSA-LSW SERIES

CHART 1

SCALE NONE

DO NOT SCALE PRINT

SINGLE POLE DOUBLE POLE



FED MFG CODE 91929

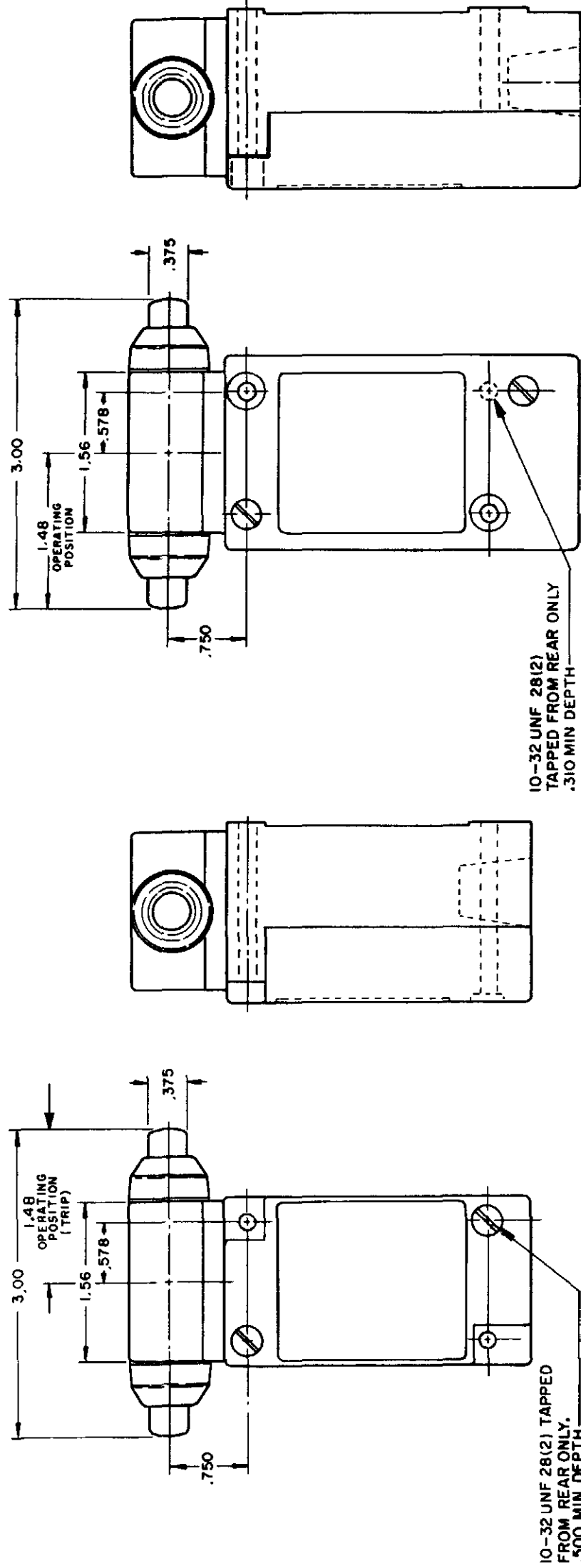
CATALOG LISTING

LSA-LSW SERIES

CHART 1

SCALE NONE

DO NOT SCALE PRINT



TYPE LSG1 and LSG3

TYPE LSG2 and LSG4

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

TOP PLUNGER TYPES

CHARACTERISTICS	LSC PLUNGER	LSD ROLLER PLUNGER	LSV ADJ PLUNGER	SEQUENCE BASIC		
				LSC	LSD	LSV
PRETRAVEL (MAX)	.070	.070	.070	1ST STEP .070	1ST STEP .070	1ST STEP .070
DIFFERENTIAL TRAVEL (MAX)	SINGLE POLE DOUBLE POLE .020	SINGLE POLE DOUBLE POLE .020	SINGLE POLE DOUBLE POLE .020	2ND STEP .015	2ND STEP .015	2ND STEP .015
OVERTRAVEL (MIN)	.190	.190	.190	.190	.190	.190
OPERATING FORCE (MAX)	4 LBS	4 LBS	4 LBS	4 LBS	4 LBS	4 LBS
OPERATING POINT	1.805 ± .030	2.200 ± .040	2.085 MIN	1.815 ± .030	2.210 ± .040	2.095 MIN
FULL OVERTRAVEL FORCE (MAX)	7 LBS	7 LBS	7 LBS	7 LBS	7 LBS	7 LBS

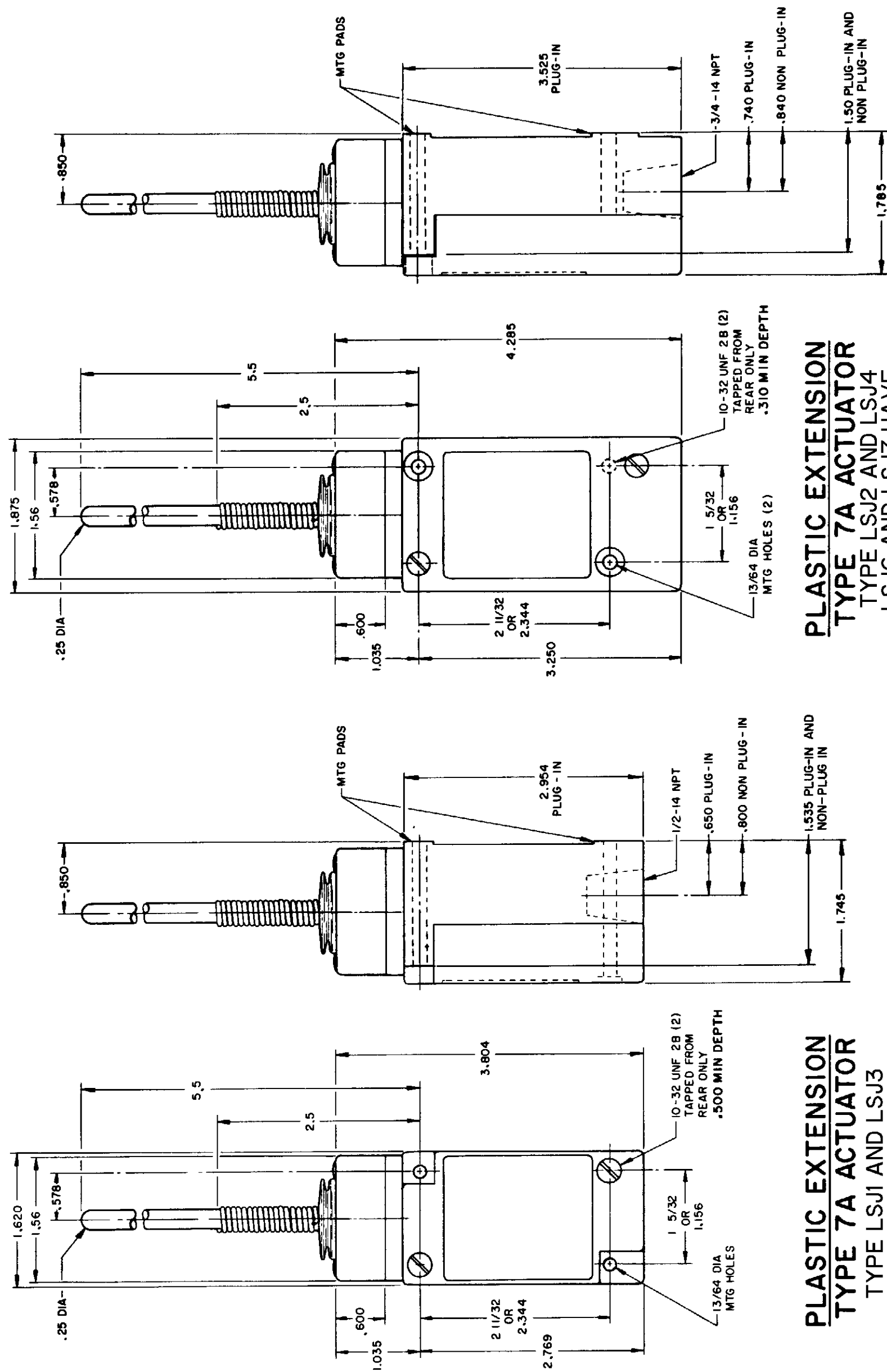
SIDE PLUNGER TYPES

CHARACTERISTICS	LSE PLUNGER	LSF ROLLER PLUNGER	LSW ADJ PLUNGER	SEQUENCE BASIC		
				LSE	LSF	LSW
PRETRAVEL (MAX)	.100	.100	.170	1ST STEP .100	1ST STEP .100	1ST STEP .100
DIFFERENTIAL TRAVEL (MAX)	.045	.045	.090	2ND STEP .020	2ND STEP .020	2ND STEP .020
OVERTRAVEL (MIN)	.190	.190	.080	.170	.170	.170
OPERATING FORCE (MAX)	6 LBS	6 LBS	10 LBS	6 LBS	6 LBS	6 LBS
OPERATING POINT	1.300 ± .030	1.735 ± .040	ADJUSTABLE FROM 1.615 MIN	1.310 ± .030	1.745 ± .040	1.625 MIN
FULL OVERTRAVEL FORCE (MAX)	6 LBS	6 LBS	10 LBS	6 LBS	6 LBS	6 LBS

WOBBLE STICK

SINGLE POLE

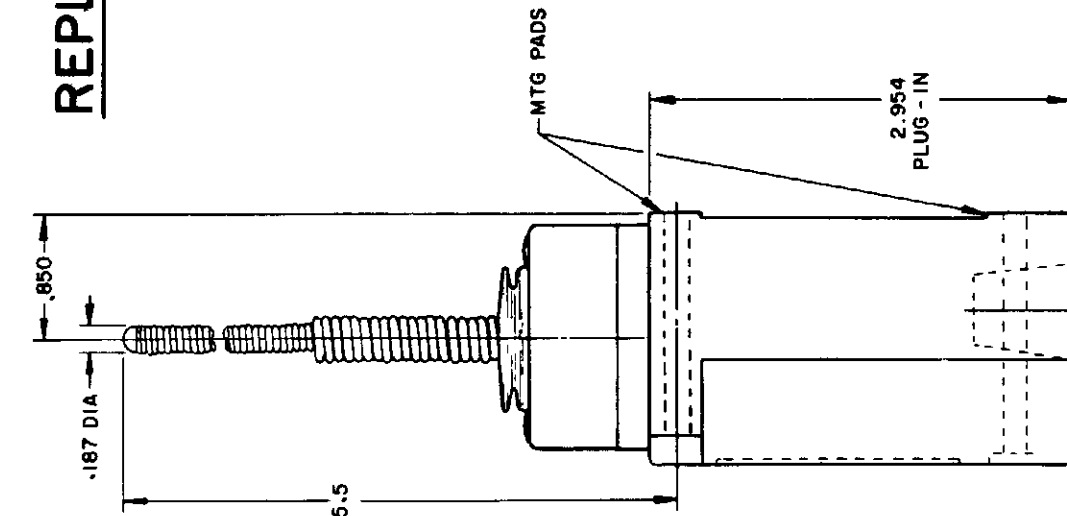
DOUBLE POLE



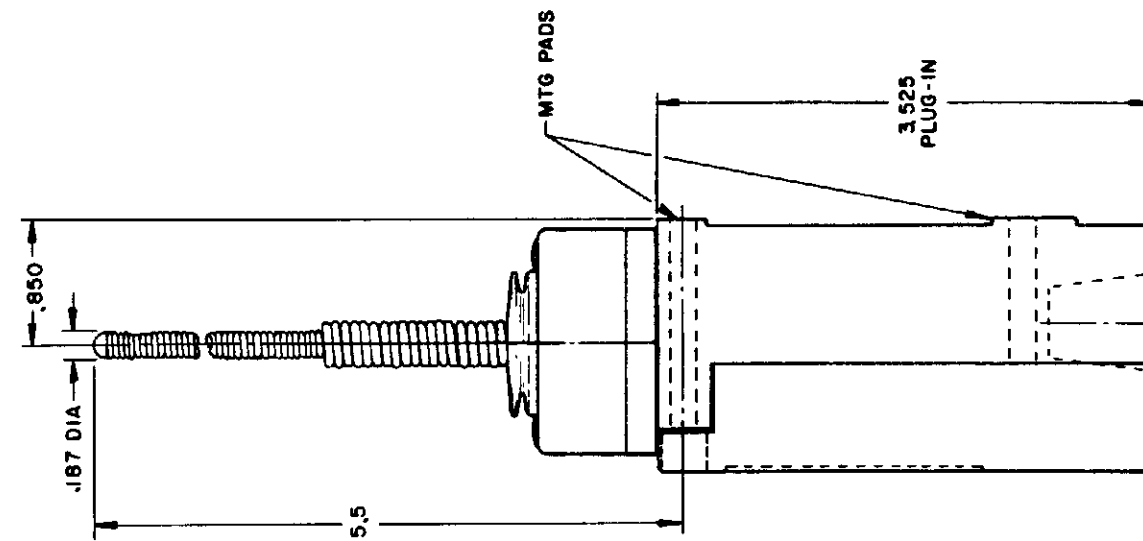
PLASTIC EXTENSION
TYPE 7A ACTUATOR
TYPE LSJ1 AND LSJ3

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

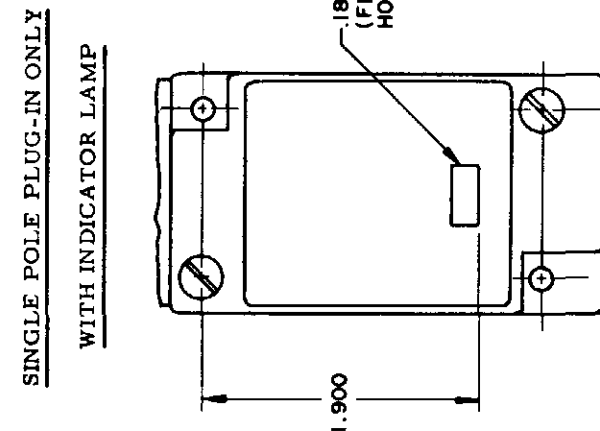
REPLACEMENT ACTUATOR
LSZ-4009



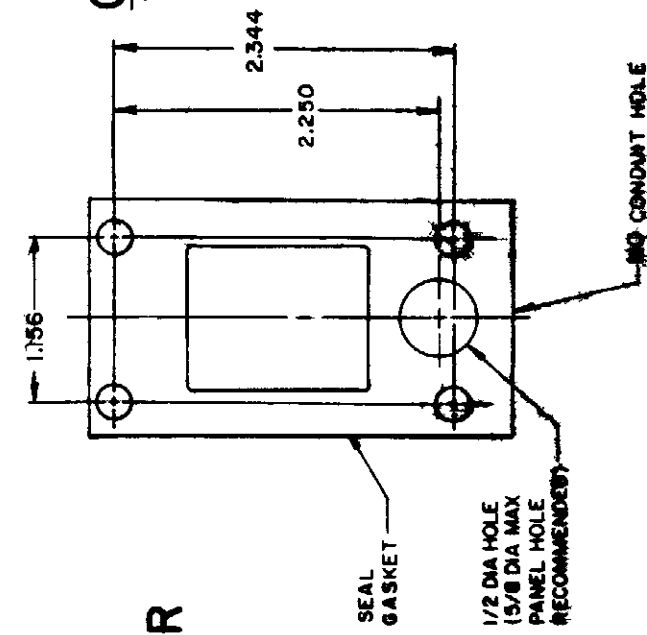
CABLE EXTENSION
TYPE 7 N ACTUATOR



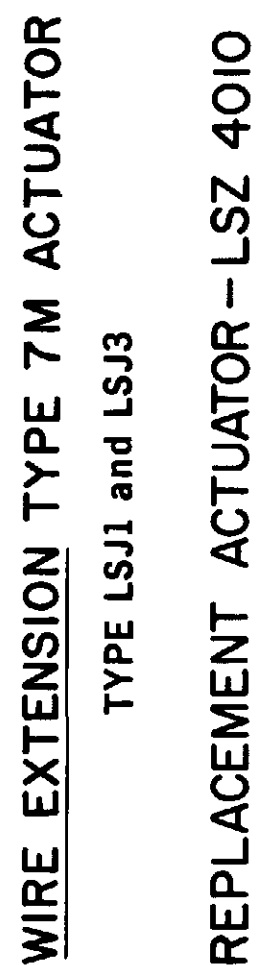
CABLE EXTENSION
TYPE 7 N ACTUATOR



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



REPLACEMENT ACTUATOR
LSZ-40II



SINGLE POLE



	CAT WHISKER		WOBBLE STICK			
	5 1/2" COIL	5 1/2" WIRE	7 1/8" WIRE	ROD	CABLE	WIRE
PRETRAVEL (APPROX) IN. RADIUS	2	2	4.5	1.0	1.5	4.0
OPERATING FORCE-OZ (MAX)	7.0	5.0	3.0	10.0	7.0	5.0

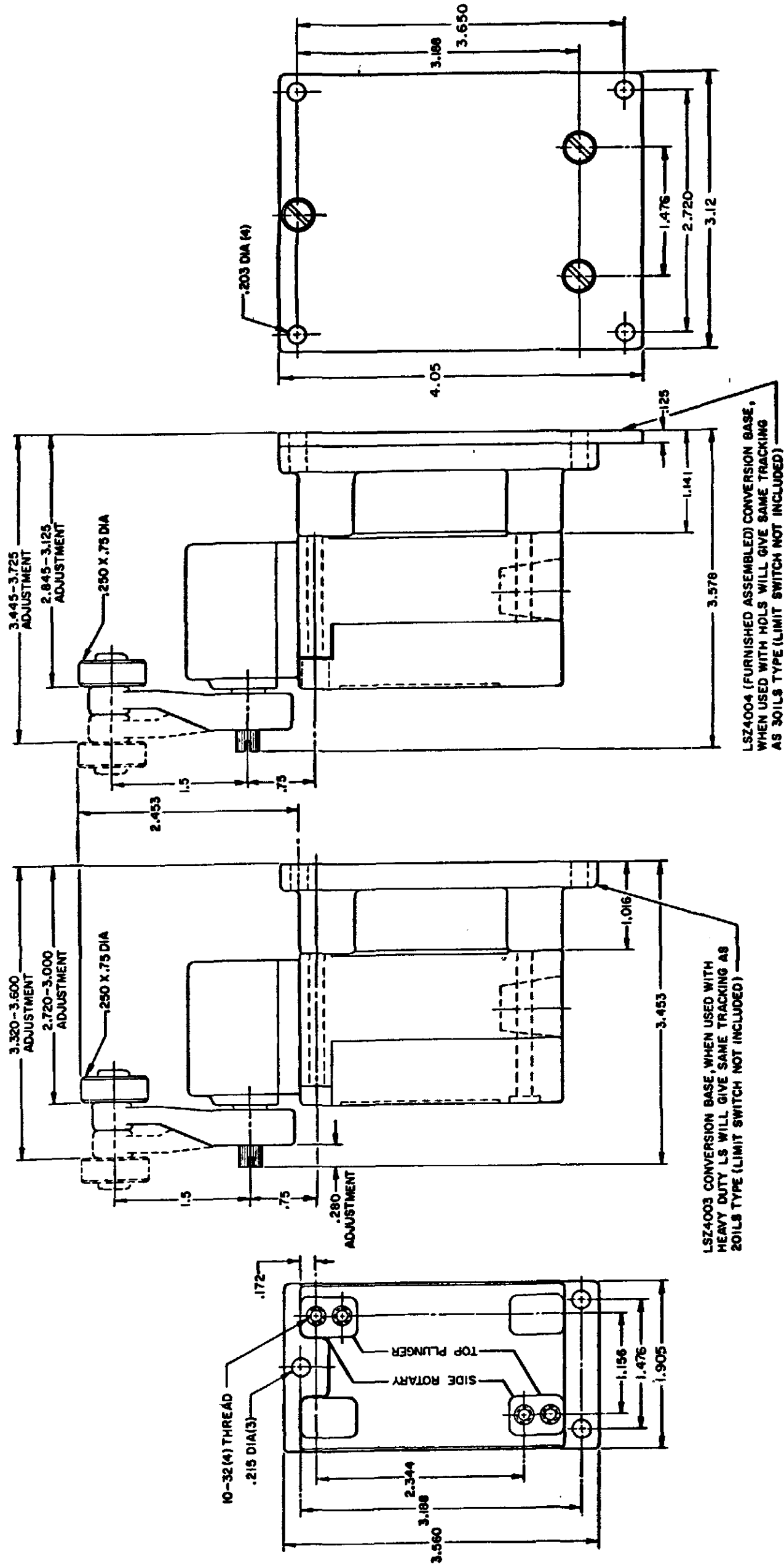
REV	DATE	BY	CHKD	DESCRIPTION
L	0031956			BS
B	201004			10JUL97
C	201748			10AUG00
D	202198			17NOV00
E	204871			23JAN01
F	206581			14OCT02
G	206763			31OCT02
H	207179			14JAN03
J	207474			18FEB03
K	0006871			11AUG04

ISSUE	12	PSR	10JUL07	RELEASE NO	CO-78498	REPLACES	LSA-LSW SERIES
CATALOG LISTING	LSA-LSW SERIES CHART 1						
PAGE	9 OF 10						

CONVERSION BASES

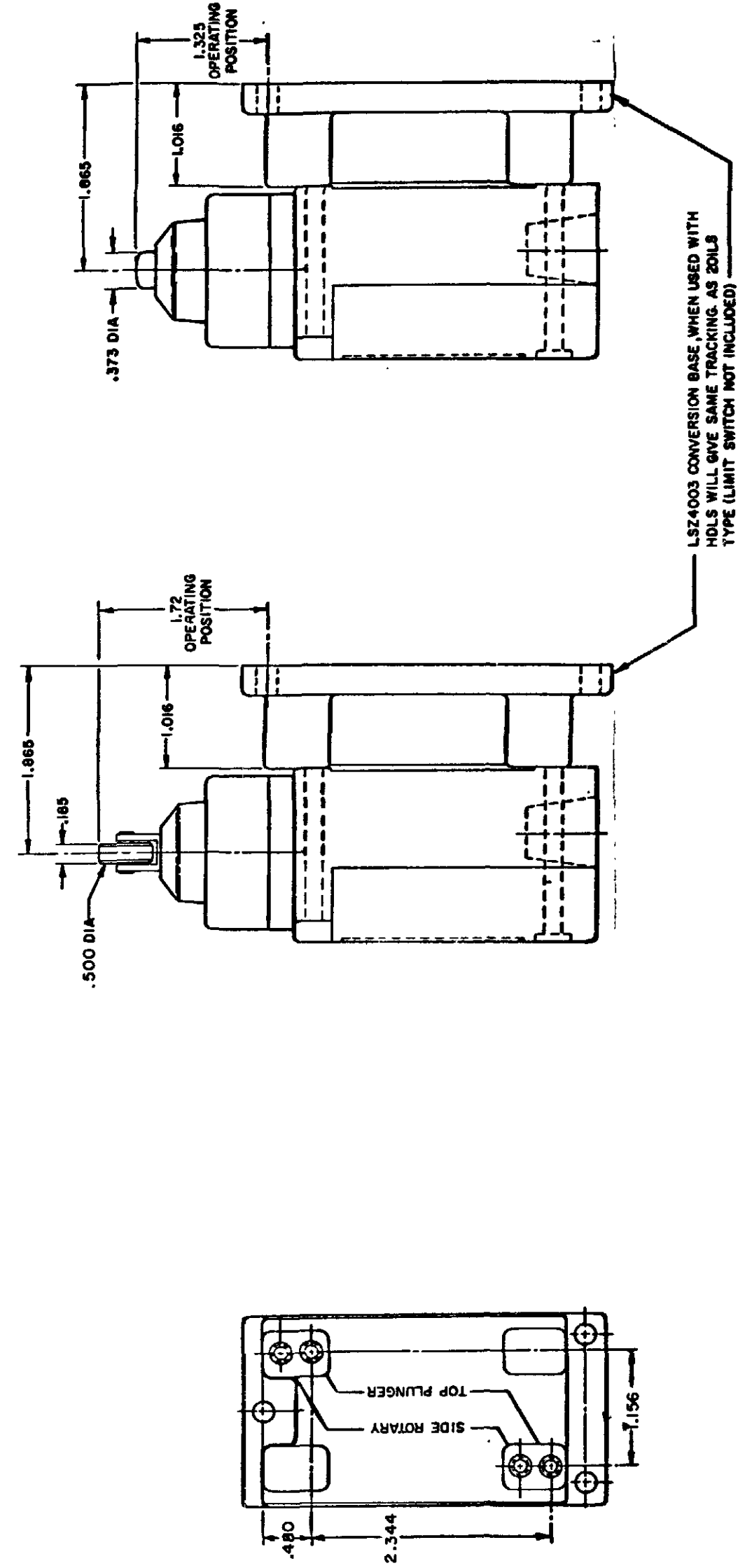
**SINGLE POLE
(SIDE ROTARY)
LSZ 4003**

**DOUBLE POLE
(SIDE ROTARY)
LSZ4004**



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

**SINGLE POLE
TOP PLUNGER
LSZ4003**



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
FED MFG CODE 91829		

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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MICRO SWITCH
a Honeywell Division

SWITCH - ENCLOSED

CATALOG LISTING
LSA-LSW SERIES
CHART 1

FED. MFG. CODE 91929

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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