

**H MICRO SWITCH**  
 FREEPORT, ILLINOIS, U.S.A.  
 A DIVISION OF HONEYWELL  
 FED. MFG. CODE 91929

**SWITCH-TOGGLE**

CATALOG LISTING  
**4TL1 SERIES**  
**CHART 1**

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4TL1 SERIES CHART 1

M

DRAWING NUMBER

ISSUE 25

REVISIONS

A CO-81150  
J A K  
20 JUN 95

CHECK J R P

14 JAN 66

CHECK L S D

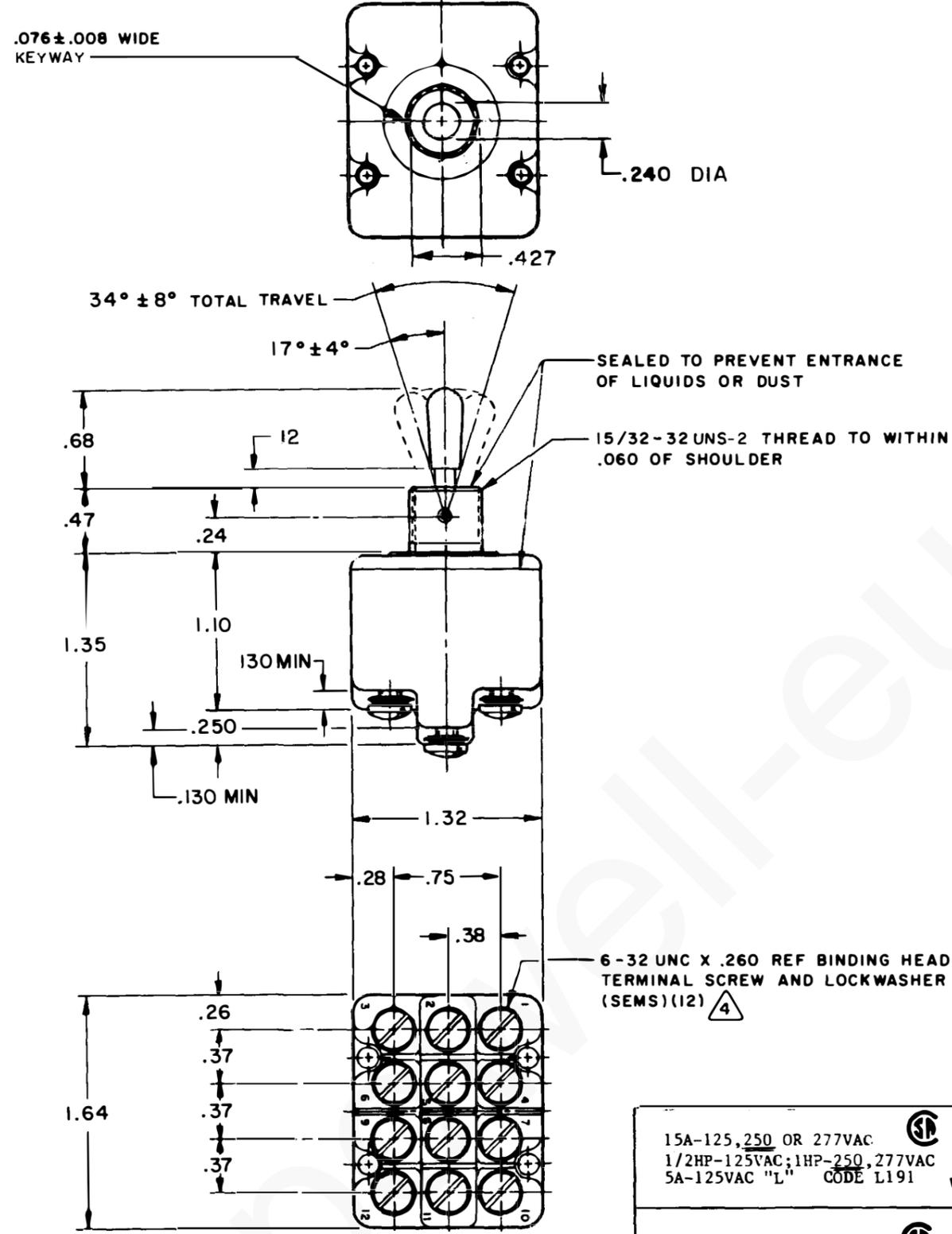
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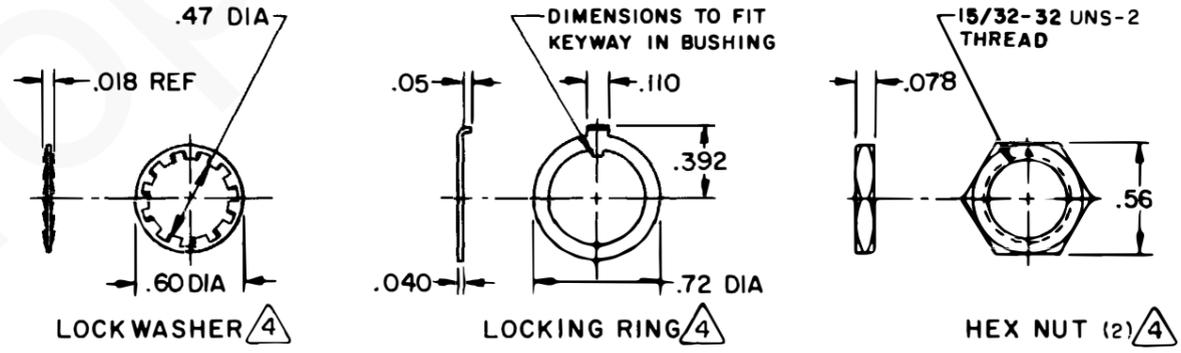
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CHECK L S D

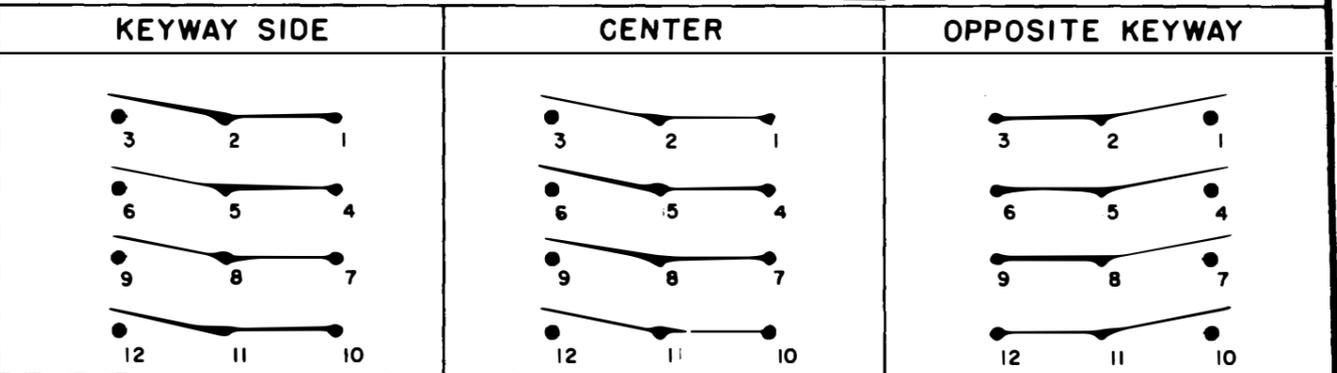
FORMTEK



CAT. LIST.	CIRCUIT WITH TOGGLE IN			MILITARY RATING (AMPS)								CONTINUOUS	MS NUMBER	
	EXTREME POSITION KEYWAY SIDE	CENTER	EXTREME POSITION OPPOSITE KEYWAY	RESISTIVE LOAD				LAMP LOAD		INDUCTIVE LOAD				
				DC VOLTS	AC VOLTS	AC VOLTS	AC VOLTS	28 VDC	125 VAC	28 VDC	125 VAC			
4TL1-1	ON	OFF	ON											MS24525-21
4TL1-2	OFF	NONE	ON											MS24525-22
4TL1-3	ON	NONE	ON											MS24525-23
4TL1-21	NONE	OFF	ON	20	.75	.5	15	6	5	4	12	15		MS24525-24
4TL1-31	NONE	ON	ON											MS24525-33
(REFER TO L191 FOR UL RATING)														
4TL1-4	MOM OFF	NONE	ON											MS24525-29
4TL1-5	MOM ON	OFF	ON											MS24525-31
4TL1-6	MOM ON	NONE	OFF											MS24525-30
4TL1-7	MOM ON	OFF	MOM ON											MS24525-27
4TL1-8	MOM ON	NONE	ON											MS24525-26
(REFER TO L192 FOR UL RATING)														
4TL1-51	NONE	ON	MOM ON	18	.75	.5	11	6	4	2	10	8		MS24525-32
4TL1-61	MOM ON	OFF	NONE											MS24525-28



**CIRCUIT DIAGRAM**



- NOTE-
- SWITCHES ARE CAPABLE OF WITHSTANDING A TEMPERATURE OF 160° F CONTINUOUSLY AT FULL RATED LOAD
  - CIRCUIT DESIGNATION, MICRO SWITCH CATALOG LISTING, AND MS NUMBER MARKED ON SIDE OF SWITCH
  - FOR TERMINAL COVER SEE MICRO SWITCH CATALOG LISTING 5PA9
  - FURNISHED UNASSEMBLED
  - THESE SWITCHES ARE QUALIFIED UNDER MIL-S-3950
  - CIRCUIT DIAGRAMS APPLY ONLY TO "ON" AND "MOM ON" POSITIONS

15A-125, 250 OR 277VAC  
 1/2HP-125VAC; 1HP-250, 277VAC  
 5A-125VAC "L" CODE L191

10A-125, 250, 277 VAC  
 1/4HP-125VAC; 1/2HP-250, 277VAC  
 3A-125VAC "L" CODE L192

SCALE FULL

DO NOT SCALE PRINT

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE

ONE PLACE	(.0)	±.030
TWO PLACE	(.00)	±.015
THREE PLACE	(.000)	±.005
ANGLES		±