

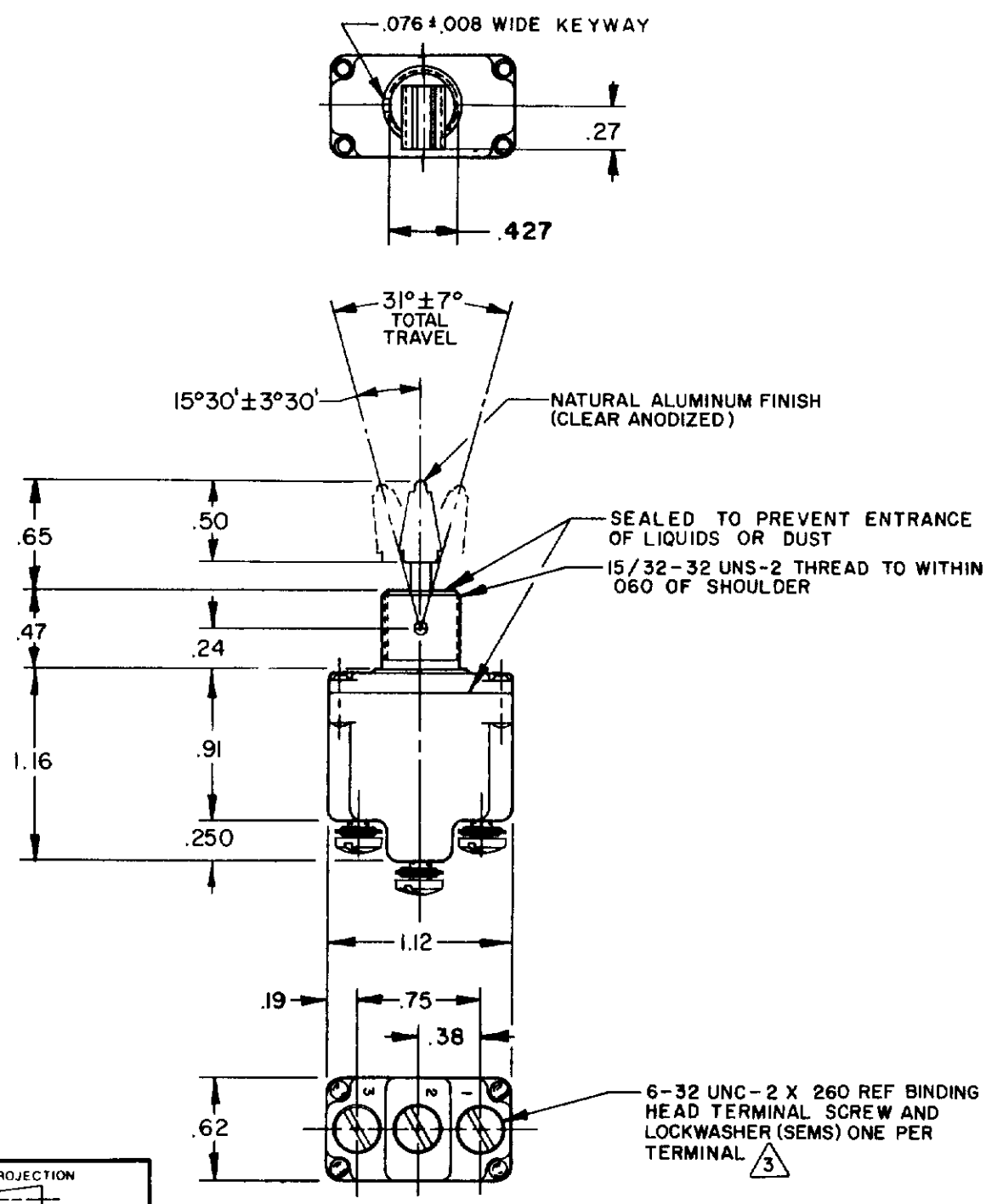
CATALOG LISTING
1TL163 SERIES CHART 1
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 ISSUE **M**
 3
 REVISIONS
 A CO 93127
 G R T 20 OCT 98
 B CO 94430
 J J A 10 NOV 99
 CHECK
 KAG 23 JUN 94
 CHECK
 JUN 94
 DRAWN
 DLT 10 JUN 94

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

SWITCH - TOGGLE

CATALOG LISTING
1TL163 SERIES
CHART 1

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THIRD ANGLE PROJECTION
 SCALE FULL
 DO NOT SCALE PRINT
TOLERANCES
 APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE UNLESS NOTED TOLERANCES ARE ±

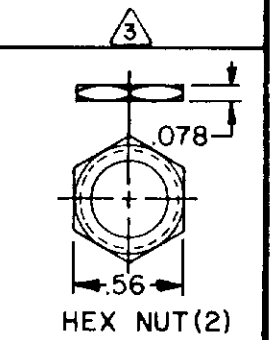
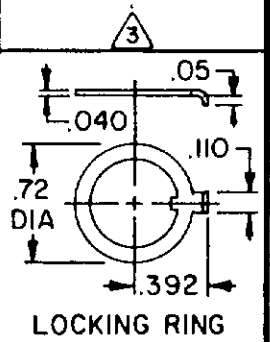
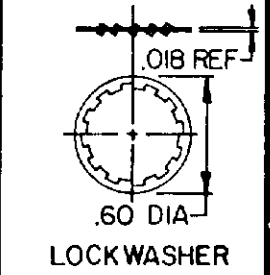
DIM	TOL	DIM	TOL
IN	mm/in	IN	mm/in
NO PLACES	K	1/64	
ONE PLACE	K X	0.4/018	0.02/03
TWO PLACES	K XX	0.15/008	0.38/018
THREE PLACES	K XXX		0.13/005
ANGLES			

DESIGN UNITS METRIC US CUSTOMARY
 RAW MATERIAL - COMMERCIAL STANDARD MICRO SWITCH STANDARDS APPLY
 DIMENSIONS ARE TO BE MET BEFORE PROTECTIVE COATINGS ARE APPLIED
 WEIGHT 08 LBS APPROX

L191 15A 125, 250, 277 VAC
 1/2HP 125 VAC
 1HP 250, 277 VAC
 5A 125 VAC "L"

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

CATALOG LISTING	CIRCUIT MADE WITH TOGGLE LEVER IN			MILITARY RATING (AMPS)								
	KEYWAY SIDE (1-2)	CENTER (1-2)	OPPOSITE KEYWAY (2-3)	RESISTIVE LOAD				LAMP LOAD		INDUCTIVE LOAD		
				DC VOLTS	AC VOLTS	28 VDC	125 VAC	28 VDC	125 VAC			
ITL163-1	ON	OFF	ON									
ITL163-2	OFF	NONE	ON									
ITL163-3	ON	NONE	ON	20	75	5	15	6	5	3	15	10
ITL163-21	NONE	OFF	ON	(REFER TO L191 FOR UL RATING)								
ITL163-31	NONE	ON	ON									
ITL163-4	MOM OFF	NONE	ON									
ITL163-5	MOM ON	OFF	ON									
ITL163-6	MOM ON	NONE	OFF									
ITL163-7	MOM ON	OFF	MOM ON	15	75	.5	15	6	4	2	10	7
ITL163-8	MOM ON	NONE	ON	(REFER TO L192 FOR UL RATING)								
ITL163-51	NONE	ON	MOM ON									
ITL163-61	MOM ON	OFF	NONE									



- NOTES
- SWITCHES ARE CAPABLE OF WITHSTANDING A TEMPERATURE OF 160°F CONTINUOUSLY AT FULL RATED LOAD
 - CIRCUIT DESIGNATION AND MICRO SWITCH CATALOG LISTING MARKED ON SIDE OF SWITCH
 - FURNISHED UNASSEMBLED
 - FOR TERMINAL COVER SEE MICRO SWITCH CATALOG LISTING 5PA7
 - APPLIES ONLY TO "ON" AND "MOMENTARY ON" POSITIONS