

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

SWITCH - TOGGLE

CATALOG LISTING
1TL48 SERIES
CHART I

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.076 ± .008 WIDE KEYWAY

.375 DIA

.427

31° ± 7° TOTAL TRAVEL

15° 30' ± 3° 30'

LOW LUSTRE WHITE NYLON LEVER

SEALED TO PREVENT ENTRANCE OF LIQUIDS OR DUST

15/32-32 UNS-2 THREAD TO WITHIN .060 OF SHOULDER

6-32 UNC-2 X .260 REF BINDING HEAD TERMINAL SCREW AND LOCKWASHER (SEMS) ONE PER TERMINAL

THIRD ANGLE PROJECTION

SCALE FULL

DO NOT SCALE PRINT

TOLERANCES

APPLY TO DESIGN UNITS CONVERSIONS ARE ONLY FOR REFERENCE UNLESS NOTED TOLERANCES ARE 2

DIM	TOL	DIM	TOL
mm	mm/in	in	mm/in
NO PLACES	1/64	2 X	0.003
ONE PLACE	0.001	2 XX	0.001
TWO PLACES	0.001	2 XXX	0.001
THREE PLACES	0.001	2 XXX	0.001
ANGLES			

SI METRIC

US CUSTOMARY

DESIGN UNITS

RAW MATERIAL - COMMERCIAL STANDARD

MICRO SWITCH STANDARDS APPLY

DIMENSIONS ARE TO BE MET BEFORE PROTECTIVE COATINGS ARE APPLIED

WEIGHT 07 LBS APPROX

15A-125,250 OR 277VAC

1/2HP-125VAC; 1HP-250,277VAC

5A-125VAC "L" CODE L191

10A-125,250,277VAC

1/4-125VAC; 1/2HP-250,277VAC

3A-125VAC "L" L192

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	28 VDC	125 VAC								
ITL48-1	ON	OFF	ON	20	.75	.5	15	6	5	3	15	10							
ITL48-2	OFF	NONE	ON																
ITL48-3	ON	NONE	ON																
ITL48-2I	NONE	OFF	ON																
ITL48-3I	NONE	ON	ON																
ITL48-4	MOM OFF	NONE	ON	15	.75	.5	15	6	4	2	10	7							
ITL48-5	MOM ON	OFF	ON																
ITL48-6	MOM ON	NONE	OFF																
ITL48-7	MOM ON	OFF	MOM ON																
ITL48-8	MOM ON	NONE	ON																
ITL48-5I	NONE	ON	MOM ON																
ITL48-6I	MOM ON	OFF	NONE																
(REFER TO L191 FOR UL RATING)																			
(REFER TO L192 FOR UL RATING)																			

LOCKWASHER

LOCKING RING

HEX NUT (2)

NOTES

1 - SWITCHES ARE CAPABLE OF WITHSTANDING A TEMPERATURE OF 160°F CONTINUOUSLY AT FULL RATED LOAD

2 - CIRCUIT DESIGNATION AND MICRO SWITCH CATALOG LISTING MARKED ON SIDE OF SWITCH

3 FURNISHED UNASSEMBLED

4 - FOR TERMINAL COVER, SEE MICRO SWITCH CATALOG LISTING 5PA7

5 APPLIES ONLY TO "ON" AND "MOMENTARY ON" POSITIONS