

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

SWITCH-TOGGLE

CATALOG LISTING
104TL2-12 SERIES
CHART 1

MILITARY
STANDARDS
NUMBER

CATALOG
LISTING

AVAILABLE
LOCKING
COMBINATIONS
FOR CONFIGURATION
SEE LETTERING
DETAILS

STYLE
NUMBER

CURRENT CAPACITY (AMPS)

RESISTIVE DC VOLTS		LOAD AC VOLTS		LAMP LOAD		INDUCTIVE LOAD	
30	115	250	115	230	30	115	115
					VDC	VAC	VAC

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MS	STANDARD NUMBER	CATALOG LISTING	AVAILABLE LOCKING COMBINATIONS	STYLE NUMBER	RESISTIVE DC VOLTS	LOAD AC VOLTS	LAMP LOAD	INDUCTIVE LOAD
MS 27786	- 1	104TL2-12	NONE	1	7.5	.75	.5	7.5
MS 27789	- 1	104TL2-12	A,B,D,E,F,G,H,K,L,M,N	2	7.5	.75	.5	7.5

LOCKING POSITION	"A"	"B"	"D"	"E"	"F"
LOCKED IN THREE POSITIONS					
LOCKED IN CENTER AND EXTREME POSITION (KEYWAY SIDE)					
LOCKED OUT OF CENTER POSITION					
LOCKED IN CENTER POSITION					
LOCKED IN EXTREME POSITION (OPPOSITE KEYWAY)					
LOCKED IN EXTREME POSITION (KEYWAY SIDE)					
LOCKED OUT OF CENTER AND EXTREME POSITION (KEYWAY SIDE)					
LOCKED OUT OF CENTER AND EXTREME POSITION (OPPOSITE KEYWAY)					
LOCKED IN CENTER AND EXTREME POSITION (OPPOSITE KEYWAY)					
LOCKED OUT OF EXTREME POSITION (KEYWAY SIDE)					
LOCKED OUT OF EXTREME POSITION (OPPOSITE KEYWAY)					
LOCKED OUT OF AND INTO EXTREME POSITION (OPPOSITE KEYWAY)					

CIRCUIT MADE WITH TOGGLE LEVER IN		
KEYWAY SIDE	CENTER	OPPOSITE KEYWAY
MAINTAINED POSITION	MAINTAINED POSITION	MAINTAINED POSITION

SEALING DETAILS:

- .018 REF LOCKWASHER
- .60 DIA LOCKWASHER
- .05 L.040
- .72 DIA
- .392
- LOCKING RING
- .078
- HEX NUT (2)

TERMINALS ACCEPT PIN M39029/1-101

SEALING DETAILS:

- SEAL TO PREVENT ENTRANCE OF LIQUIDS OR DUST
- SEALING GROMMET SHALL SEAL ON A SMOOTH WIRE INSULATION OF .040 TO .083 DIA (16-20 GAGE)
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NOTES

- 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
- UNUSED TERMINAL HOLES MAY BE SEALED WITH PLUGS M82723/28-20 FURNISHED UNASSEMBLED
- THESE UNITS ARE QUALIFIED UNDER MIL-S-3950
- THE SEALING GROMMET SHALL SEAL ON A SMOOTH WIRE INSULATION OF .040 TO .083 DIA (16-20 GAGE)
- SUFFIX LETTER MUST BE ADDED FOR DESIRED TYPE OF TOGGLE LOCKING. SEE CHART FOR AVAILABLE LOCKING COMBINATIONS. KEYWAY SHOWN ON LEFT SIDE

STYLE 2 LEVER

104TL2-12 SERIES CHART 1
 DRAWING NUMBER
 ISSUE
 REVISIONS
 SCALE FULL
 DO NOT SCALE PRINT
 UNLESS OTHERWISE NOTED
 DIMENSIONS ARE IN INCHES
 TOLERANCES ARE:
 ONE PLACE .030
 TWO PLACE .003
 THREE PLACE .000
 ANGLES H .018
 H .008
 WEIGHT