

SPECIFICATIONS:

MATERIALS:
MOVING CONTACT: COPPER ALLOY, GOLD PLATE OVER SILVER CLAD.
FIXED CONTACT: COPPER ALLOY, GOLD PLATE OVER SILVER CLAD.

ELECTRICAL:
CONTACT RATING: .04VA @ 20VDC OR PEAK AC.
5 AMPS @ 250VAC OR 24VDC (RESISTIVE).
INITIAL CONTACT RESISTANCE: 20 MILLIOHMS MAX.
INSULATION RESISTANCE: 100 MEGOHMS MINIMUM.
DIELECTRIC STRENGTH: 1500 VOLTS RMS @ SEA LEVEL.
LIFE EXPECTANCY: 100,000 CYCLES.

ENVIRONMENTAL:
OPERATING TEMPERATURE: -4°F TO +122°F (-20°C TO +50°C)
STORAGE TEMPERATURE: -4°F TO +122°F (-20°C TO +50°C)

1

INTERPRET DRAWING PER ASME Y14.5M-1994.

2

OILTIGHT MODELS MEET NEMA 1, 12, 13 REQUIREMENTS.

3

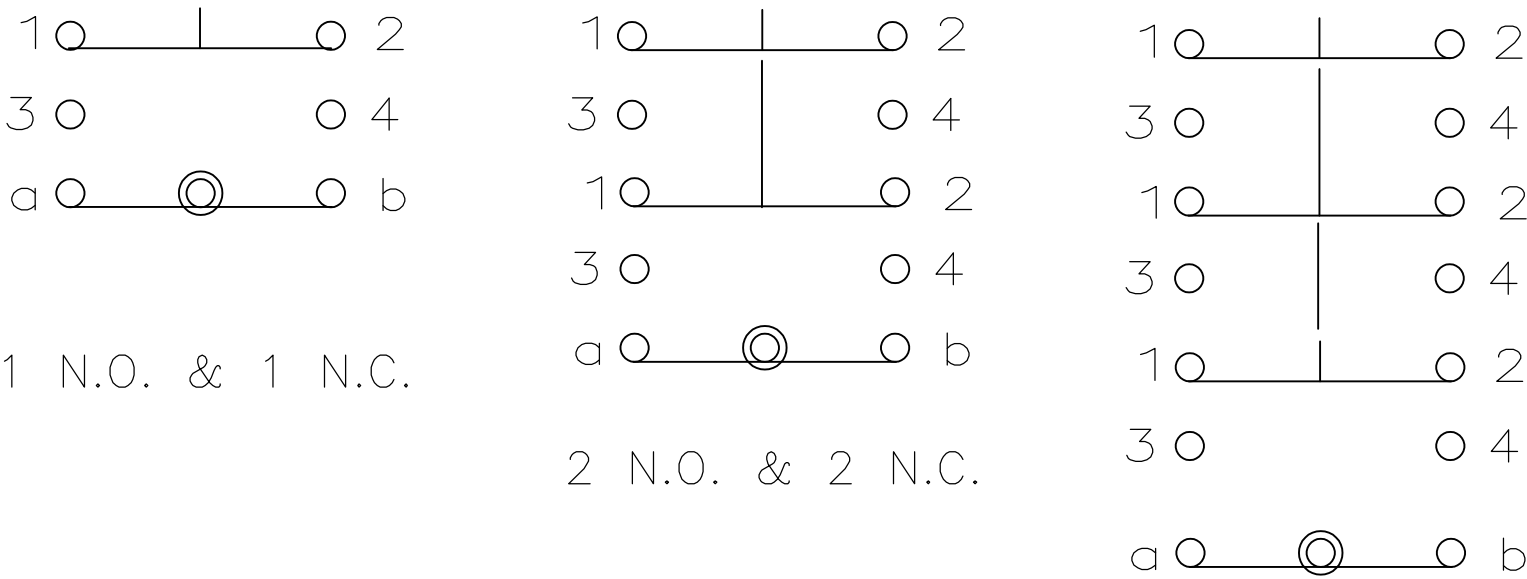
UL RECOGNIZED E-51302.

4

PANEL THICKNESS: NON-OILTIGHT = 0.230 MAX.
OILTIGHT = 0.210 MAX.



5	1571545-5		165TL511	1 N.O. & N.C.	PUSH ON/PUSH OFF
5	1571545-4		165TL11	1 N.O. & N.C.	MOMENTARY
5	1571545-3	164TL522		2 N.O. & N.C.	PUSH ON/PUSH OFF
5	1571545-2	164TL22		2 N.O. & N.C.	MOMENTARY
5	1571545-1	164TL11		1 N.O. & N.C.	MOMENTARY
5	5-1437569-8		165TL533	3 N.O. & N.C.	PUSH ON/PUSH OFF
5	5-1437569-7		165TL522	2 N.O. & N.C.	PUSH ON/PUSH OFF
5	5-1437569-6		165TL511	1 N.O. & N.C.	PUSH ON/PUSH OFF
5			165TL33	3 N.O. & N.C.	MOMENTARY
5	5-1437569-5		165TL22	2 N.O. & N.C.	MOMENTARY
5	5-1437569-4		165TL11	1 N.O. & N.C.	MOMENTARY
5	147521-1		165TL	-	MOMENTARY
5	4-1437569-0	164TL533		3 N.O. & N.C.	PUSH ON/PUSH OFF
5	3-1437569-9	164TL522		2 N.O. & N.C.	PUSH ON/PUSH OFF
5	3-1437569-8	164TL511		1 N.O. & N.C.	PUSH ON/PUSH OFF
5	3-1437569-7	164TL5		-	PUSH ON/PUSH OFF
5	3-1437569-6	164TL33		3 N.O. & N.C.	MOMENTARY
5	3-1437569-5	164TL22		2 N.O. & N.C.	MOMENTARY
5	3-1437569-4	164TL11		1 N.O. & N.C.	MOMENTARY
5	3-1437569-3	164TL		-	MOMENTARY
5	TE PART No.	MODEL NON OILTIGHT	MODEL OILTIGHT	CONTACTS	ACTION



CONTACT DIAGRAM
(BUTTON NOT DEPRESSED)

THIS DRAWING IS A CONTROLLED DOCUMENT.	DWN LM 2-23-89	Tyco Electronics Corporation Harrisburg, PA 17105-3608			
DIMENSIONS: INCHES	CHK TH 3-22-89	NAME 164/165 TL SERIES ILLUMINATED PUSHBUTTON			
	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD CF 3-22-89	PRODUCT SPEC		
	0 PLC ± -	APPLICATION SPEC			SIZE
	1 PLC ± -	WEIGHT -			CAGE CODE
MATERIAL -	FINISH -	CUSTOMER DRAWING			DRAWING NO 3-1437569-4
SCALE 1:1				SHEET 1 OF 1	REV A1

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[164TL](#) [164TL511](#) [164TL522](#) [165TL11](#) [165TL22](#) [165TL522](#) [164TL5](#)