

LUMOTAST 75 IP65 - Illuminated pushbutton, flush lens, square collar, 2 NC + 2 NO, latching, housing 1.15.108.377/0000



Form of lens	General information	
Form of collar square Color of collar black Dimensions Length of collar 19 mm Width of collar 19 mm Overall height 10.5 mm Mounting depth 49.5 mm Mounting hole 16.2 mm Mechanical design Mounting ring nut Terminals solder terminals Contact system snap-action bridge contact Contact function latching Contact arrangement 2 NC + 2 NO Contact materials Ag Illumination LED / filament lamp Lamp socket T 4.5 Mechanical characteristics Operating force 3 6.5 N Operating travel 2.5 mm Switching travel NC 1.8 mm Switching travel NO 0.9 mm		flat
Color of collar black Dimensions 19 mm Width of collar 19 mm Overall height 10.5 mm Mounting depth 49.5 mm Mounting hole 16.2 mm Mechanical design ring nut Terminals solder terminals Contact system snap-action bridge contact Contact function latching Contact arrangement 2 NC + 2 NO Contact materials Ag Illumination LED / filament lamp Lamp socket T 4.5 Mechanical characteristics Operating force 3 6.5 N Operating travel 2.5 mm Switching travel NC 1.8 mm Switching travel NO 0.9 mm		-
Dimensions Length of collar Width of collar 19 mm Overall height 10.5 mm Mounting depth 49.5 mm Mounting hole Mechanical design Mounting ring nut Terminals Solder terminals Contact system Sonap-action bridge contact Contact function Latching Contact arrangement 2 NC + 2 NO Contact materials Illumination LED / filament lamp Lamp socket T 4.5 Mechanical characteristics Operating force 3 6.5 N Operating travel Switching travel NC 1.8 mm Switching travel NO 0.9 mm		
Length of collar 19 mm Width of collar 19 mm Overall height 10.5 mm Mounting depth 49.5 mm Mounting hole 16.2 mm Mechanical design Mounting ring nut Terminals solder terminals Contact system snap-action bridge contact Contact function latching Contact arrangement 2 NC + 2 NO Contact materials Ag Illumination LED / filament lamp Lamp socket T 4.5 Mechanical characteristics Operating force Operating travel 2.5 mm Switching travel NC 1.8 mm Switching travel NO 0.9 mm		
Width of collar 19 mm Overall height 10.5 mm Mounting depth 49.5 mm Mounting hole 16.2 mm Mechanical design ring nut Mounting ring nut Terminals solder terminals Contact system snap-action bridge contact Contact function latching Contact arrangement 2 NC + 2 NO Contact materials Ag Illumination LED / filament lamp Lamp socket T 4.5 Mechanical characteristics Operating force 3 6.5 N Operating travel 2.5 mm Switching travel NC 1.8 mm Switching travel NO 0.9 mm	Dimensions	
Overall height 10.5 mm Mounting depth 49.5 mm Mounting hole 16.2 mm Mechanical design Image: solder terminals of termi	Length of collar	19 mm
Mounting depth 49.5 mm Mounting hole 16.2 mm Mechanical design ring nut Terminals solder terminals Contact system snap-action bridge contact Contact function latching Contact arrangement 2 NC + 2 NO Contact materials Ag Illumination LED / filament lamp Lamp socket T 4.5 Mechanical characteristics Operating force 3 6.5 N Operating travel 2.5 mm Switching travel NC 1.8 mm Switching travel NO 0.9 mm	Width of collar	19 mm
Mechanical design ring nut Terminals solder terminals Contact system snap-action bridge contact Contact function latching Contact arrangement 2 NC + 2 NO Contact materials Ag Illumination LED / filament lamp Lamp socket T 4.5 Mechanical characteristics Operating force Operating travel 2.5 mm Switching travel NC 1.8 mm Switching travel NO 0.9 mm	Overall height	10.5 mm
Mechanical design ring nut Terminals solder terminals Contact system snap-action bridge contact Contact function latching Contact arrangement 2 NC + 2 NO Contact materials Ag Illumination LED / filament lamp Lamp socket T 4.5 Mechanical characteristics Operating force 3 6.5 N Operating travel 2.5 mm Switching travel NC 1.8 mm Switching travel NO 0.9 mm	Mounting depth	49.5 mm
Mounting ring nut Terminals solder terminals Contact system snap-action bridge contact Contact function latching Contact arrangement 2 NC + 2 NO Contact materials Ag Illumination LED / filament lamp Lamp socket T 4.5 Mechanical characteristics Operating force 3 6.5 N Operating travel 2.5 mm Switching travel NC 1.8 mm Switching travel NO 0.9 mm	Mounting hole	16.2 mm
Mounting ring nut Terminals solder terminals Contact system snap-action bridge contact Contact function latching Contact arrangement 2 NC + 2 NO Contact materials Ag Illumination LED / filament lamp Lamp socket T 4.5 Mechanical characteristics Operating force 3 6.5 N Operating travel 2.5 mm Switching travel NC 1.8 mm Switching travel NO 0.9 mm		
Terminals Contact system snap-action bridge contact Contact function latching Contact arrangement 2 NC + 2 NO Contact materials Ag Illumination LED / filament lamp Lamp socket T 4.5 Mechanical characteristics Operating force 3 6.5 N Operating travel Switching travel NC Switching travel NO 0.9 mm		
Contact system snap-action bridge contact Contact function latching Contact arrangement 2 NC + 2 NO Contact materials Ag Illumination LED / filament lamp Lamp socket T 4.5 Mechanical characteristics Operating force 3 6.5 N Operating travel 2.5 mm Switching travel NC 1.8 mm Switching travel NO 0.9 mm		
Contact functionlatchingContact arrangement2 NC + 2 NOContact materialsAgIlluminationLED / filament lampLamp socketT 4.5Mechanical characteristicsOperating force3 6.5 NOperating travel2.5 mmSwitching travel NC1.8 mmSwitching travel NO0.9 mm		
Contact arrangement 2 NC + 2 NO Contact materials Ag Illumination LED / filament lamp Lamp socket T 4.5 Mechanical characteristics Operating force Operating travel 2.5 mm Switching travel NC 1.8 mm Switching travel NO 0.9 mm	-	-
Contact materials Illumination		
Illumination LED / filament lamp		
Lamp socketT 4.5Mechanical characteristicsOperating force3 6.5 NOperating travel2.5 mmSwitching travel NC1.8 mmSwitching travel NO0.9 mm		
Mechanical characteristics Operating force 3 6.5 N Operating travel 2.5 mm Switching travel NC 1.8 mm Switching travel NO 0.9 mm		<u>.</u>
Operating force 3 6.5 N Operating travel 2.5 mm Switching travel NC 1.8 mm Switching travel NO 0.9 mm	Lamp socket	_ <u>T 4.5</u>
Operating travel 2.5 mm Switching travel NC 1.8 mm Switching travel NO 0.9 mm	Mechanical characteristics	
Operating travel2.5 mmSwitching travel NC1.8 mmSwitching travel NO0.9 mm	Operating force	3 6.5 N
Switching travel NC 1.8 mm Switching travel NO 0.9 mm		2.5 mm
	Switching travel NC	1.8 mm
Robustness max. 100 N	Switching travel NO	0.9 mm
	Robustness max.	100 N
Electrical characteristics		
Rated voltage AC max. 250 V	-	-
Rated voltage DC max. 230 V	-	
Rated voltage AC/DC min. 12 V	-	_12 V
Rated current AC max. 4 A		_4 A
Rated current DC max. 0.2 A	Rated current DC max.	_0.2 A
Rated current AC/DC min. 5 mA	Rated current AC/DC min.	
Contact resistance acc. to life max. $\underline{200 \text{ m}\Omega}$	Contact resistance acc. to life max.	_200 mΩ
Protection class II	Protection class	<u> </u>
ESD-strength min. 14 kV	ESD-strength min.	_14 kV



Other specifications	
Operating life, at 250 V/2 A (operations)	200,000 (momentary), 50,000 (latching) cycle
Operating life, at 250 V/4 A (operations)	60,000 (momentary) cycle
Degree of protection from front side	IP65 (DIN EN 60529)
Operation temperature min.	-25 °C
Ambient temp. operating max. without lamp / LED	+70 °C
Ambient temp. operating max. with lamp /LED	+55 °C
Storage temperature min.	-40 °C
Storage temperature max.	+80 °C
Environmental restistance	acc. to IEC 60068-2-14, -30, -33 and -78
Weight	15 g
Flame class acc. to UL 94	V 0
Hot wire ignition acc. to IEC 60695-2-1	yes
ROHS compliant	yes
REACH compliant	yes

Mounting hole



