

LUMOTAST 75 IP40 - Illuminated pushbutton, protruding lens, round collar, momentary, housing

1.15.108.452/0000



General information

| | |
|-----------------|-----------------|
| Form of lens | protruding lens |
| Form of collar | round |
| Color of collar | black |

Dimensions

| | |
|--------------------|-------------------|
| Diameter of collar | 18 mm |
| Overall height | 7.5 mm |
| Mounting depth | 41.5/49.5/57.5 mm |
| Mounting hole | 16.2 mm |

Mechanical design

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|---------------------|----------------------------|
| Mounting | ring nut |
| Terminals | solder terminals |
| Contact system | snap-action bridge contact |
| Contact function | momentary |
| Contact arrangement | 2 NC + 2 NO |
| Contact materials | Ag |
| Illumination | LED |
| Lamp socket | T 4.5 |

Mechanical characteristics

| | |
|----------------------|-------------|
| Operating force max. | 3 ... 6.5 N |
| Operating travel | 2.7 mm |
| Switching travel NC | 1.6 mm |
| Switching travel NO | 0.9 mm |
| Robustness max. | 100 N |

Electrical characteristics

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|--------------------------------------|--------|
| Rated voltage AC max. | 250 V |
| Rated voltage DC max. | 230 V |
| Rated voltage AC/DC min. | 12 V |
| Rated current AC max. | 4 A |
| Rated current DC max. | 0.2 A |
| Rated current AC/DC min. | 5 mA |
| Contact resistance acc. to life max. | 200 mΩ |
| Protection class | II |
| ESD-strength min. | 14 kV |

Other specifications

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|---|---------------------------|
| Operating life, at 250 V/2 A (operations) | 200,000 (momentary) cycle |
|---|---------------------------|

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|---|--|
| Operating life, at 250 V/4 A (operations) | 60,000 (momentary), 10,000 (latching) |
| Degree of protection from front side | IP40 (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 resistance | acc. to IEC 60068-2-14, -30, -33 and -78 |
| Approvals | ENEC 25 T 55 (70), UL, CSA |
| Hot wire ignition acc. to IEC 60695-2-1 | yes |
| ROHS compliant | yes |
| REACH compliant | yes |

Mounting hole

