

# 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

|                     |                            |
|---------------------|----------------------------|
| 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

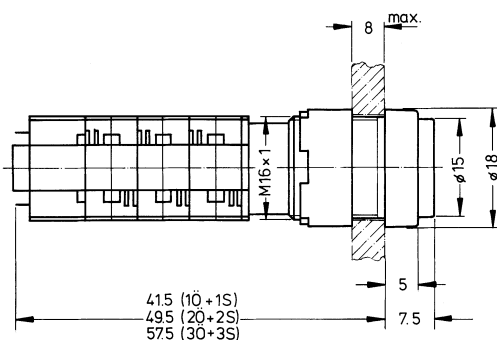
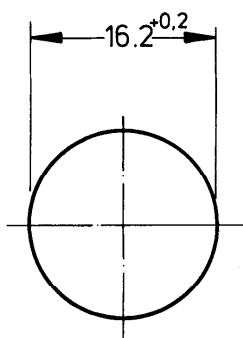
|                                      |        |
|--------------------------------------|--------|
| Rated voltage AC max.                | 250 V  |
| Rated voltage DC max.                | 230 V  |
| Rated voltage AC/DC min.             | 12 V   |
| Rated current AC max.                | 4 A    |
| 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

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

|                                                 |                                          |
|-------------------------------------------------|------------------------------------------|
| 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



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