

# C&K Lumotast® 75 Series Illuminated Momentary & Latching Pushbutton Switches



## Features/Benefits

- Momentary and latching styles
- Illuminated
- Position visibly indicated
- IP40 Degree of protection

## Typical Applications

- Machine process control
- Banking equipment
- Medical equipment



B

Pushbutton

## How To Order

To order, select switch/housing, lens, illumination and diffuser part numbers. Accessories, filament lamps and LEDs available separately, see catalog section L. Other functions, contact arrangements, lens colors, flush models and sealed versions available, consult Customer Service Center.

## Specifications

CONTACT RATING: 4 AMPS @ 12 - 250 V AC. 0.2 AMPS @ 12 - 220 V DC.  
 CONTACT SYSTEM: Snap-action bridge contact.  
 CONTACT ARRANGEMENT: 2 NO + 2 NC (μ contact: cannot be used for main voltage).  
 CONTACT RESISTANCE: ≤ 200 milliohms after operating life.  
 BOUNCE TIME: < 10 ms.  
 ILLUMINATION: Filament lamp T 4.5 or LED.  
 FIXING: With threaded ring.  
 OPERATING LIFE: 60,000 cycles min. @ 4 AMPS @ 250 V AC.  
 SWITCHING TRAVEL: NO on: 1.6 mm. NC on: 0.9 mm.  
 OPERATING FORCE: 3 to 6.5 N max.  
 OPERATING TEMPERATURE: Without lamp/LED: - 25° C to + 70° C; - 13° F to + 158° F. With lamp/LED: - 25° C to + 55° C; - 13° F to + 131° F.

FULL TRAVEL: 2.7 mm.

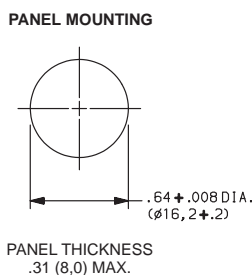
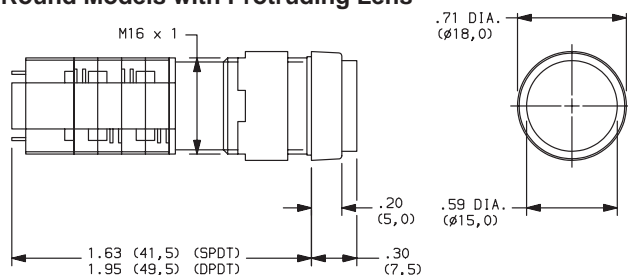
DEGREE OF PROTECTION: IP40; > 1mm ø , voltage protection against contact with wires. (IP65; Dust-proof, water splash and dew condensation, also available, consult Customer Service Center).

APPROVALS: UL/CSA/VDE and others, consult Customer Service Center).

## Materials

SWITCH HOUSING WITH COLLAR: PA 6, black.  
 CONTACT HOUSING: Thermosetting plastic.  
 LENS: PC.  
 CONTACT MATERIAL: Ag (Au available, consult factory).  
 TERMINALS: Solder terminals, tin-plated.  
 FLAMMABILITY OF PLASTIC MATERIALS: UL 94 V0.

## 16.2 mm Mounting Hole Diameter Round Models with Protruding Lens



1.15108.4510000  
 5.49257.0111002  
 5.72050.0000202  
 1.90100.0210000

1 N.C. + 1 N.O.

| SWITCH & HOUSING |                       |           | TRANSPARENT LENS  |   | WHITE DIFFUSER  |       | ILLUMINATION  |                     |
|------------------|-----------------------|-----------|---|---|-----------------|-------|---|---------------------|
| PART NUMBER      | FUNCTION              | SCHEMATIC | PART NUMBER   | COLOR                                       | PART NUMBER     | STYLE | PART NUMBER   | FILAMENT LAMP       |
| 1.15108.4510000  | 1 NC + 1 NO Momentary |           | 5.49257.0111002<br>5.49257.0111303<br>5.49257.0111402<br>5.49257.0111502<br>5.49257.0111601 | Colorless<br>Red<br>Yellow<br>Green<br>Blue | 5.72050.0000202 | Round | 1.90100.0210000<br>1.90100.0220000<br>1.90100.0230000 | 6 V<br>12 V<br>24 V |
| 1.15108.5510000  | 1 NC + 1 NO Latching  |           |   |   |                 |       |   |                     |
| 1.15108.4520000  | 2 NC + 2 NO Momentary |           |   |   |                 |       |   |                     |
| 1.15108.5520000  | 2 NC + 2 NO Latching  |           |   |   |                 |       |   |                     |

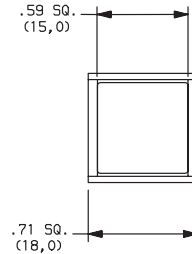
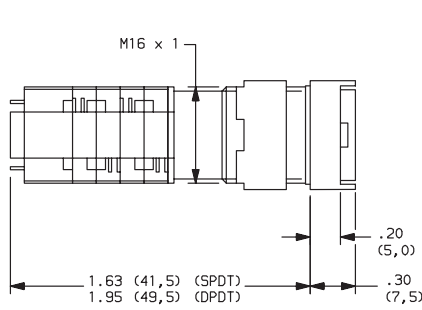
NOTE: Schematics shown represent momentary models only.

# C&K Lumotast® 75 Series Illuminated Momentary & Latching Pushbutton Switches

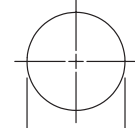
16.2 mm Mounting Hole Diameter  
Square Models with Flush Lens



1.15108.2510000  
5.49275.0361002  
5.73013.0000202  
1.90100.0210000  
**1 N.C. + 1 N.O.**



PANEL MOUNTING



PANEL THICKNESS  
.31 (8,0) MAX.

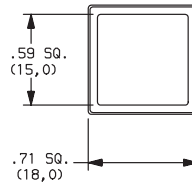
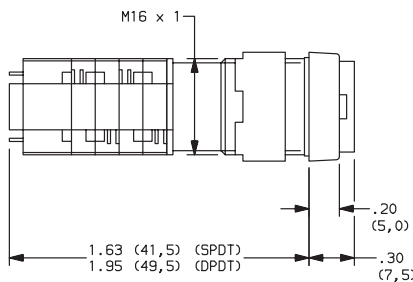
| SWITCH & HOUSING |                       |           | TRANSPARENT LENS  |   | WHITE DIFFUSER  |        | ILLUMINATION  |                     |
|------------------|-----------------------|-----------|---|---|-----------------|--------|---|---------------------|
| PART NUMBER      | FUNCTION              | SCHEMATIC | PART NUMBER   | COLOR                                       | PART NUMBER     | STYLE  | PART NUMBER   | FILAMENT LAMP       |
| 1.15108.2510000  | 1 NC + 1 NO Momentary |           | 5.49275.0361002<br>5.49275.0361303<br>5.49275.0361402<br>5.49275.0361502<br>5.49275.0361601 | Colorless<br>Red<br>Yellow<br>Green<br>Blue | 5.73013.0000202 | Square | 1.90100.0210000<br>1.90100.0220000<br>1.90100.0230000 | 6 V<br>12 V<br>24 V |
| 1.15108.3510000  | 1 NC + 1 NO Latching  |           |   |   |                 |        |   |                     |
| 1.15108.2520000  | 2 NC + 2 NO Momentary |           |   |   |                 |        |   |                     |
| 1.15108.3520000  | 2 NC + 2 NO Latching  |           |   |   |                 |        |   |                     |

NOTE: Schematics shown represent momentary models only.

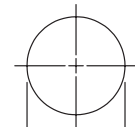
16.2 mm Mounting Hole Diameter  
Square Models with Protruding Lens



1.15108.2500000  
5.49275.0361002  
5.73013.0000202  
1.90100.0210000  
**1 N.C. + 1 N.O.**



PANEL MOUNTING



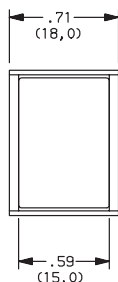
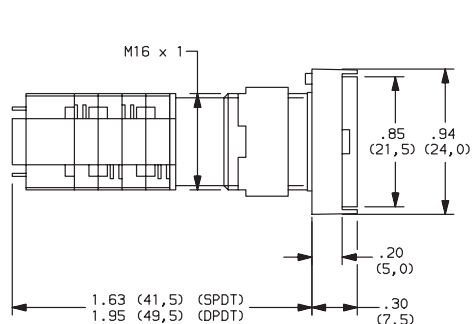
PANEL THICKNESS  
.31 (8,0) MAX.

| SWITCH & HOUSING |                       |           | TRANSPARENT LENS  |   | WHITE DIFFUSER  |        | ILLUMINATION  |                     |
|------------------|-----------------------|-----------|---|---|-----------------|--------|---|---------------------|
| PART NUMBER      | FUNCTION              | SCHEMATIC | PART NUMBER   | COLOR                                       | PART NUMBER     | STYLE  | PART NUMBER   | FILAMENT LAMP       |
| 1.15108.2560000  | 1 NC + 1 NO Momentary |           | 5.49275.0361002<br>5.49275.0361303<br>5.49275.0361402<br>5.49275.0361502<br>5.49275.0361601 | Colorless<br>Red<br>Yellow<br>Green<br>Blue | 5.73013.0000202 | Square | 1.90100.0210000<br>1.90100.0220000<br>1.90100.0230000 | 6 V<br>12 V<br>24 V |
| 1.15108.3560000  | 1 NC + 1 NO Latching  |           |   |   |                 |        |   |                     |
| 1.15108.2570000  | 2 NC + 2 NO Momentary |           |   |   |                 |        |   |                     |
| 1.15108.3570000  | 2 NC + 2 NO Latching  |           |   |   |                 |        |   |                     |

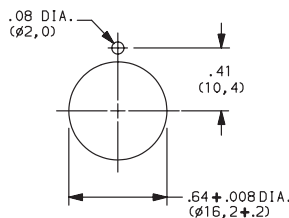
NOTE: Schematics shown represent momentary models only.

# C&K Lumotast® 75 Series Illuminated Momentary & Latching Pushbutton Switches

16.2 mm Mounting Hole Diameter  
Rectangular Models with Flush Lens



PANEL MOUNTING



1.15108.0510000  
5.49275.0321002  
5.73012.0000202  
1.90100.0210000  
**1 N.C. + 1 N.O.**



| SWITCH & HOUSING       |                       |           | TRANSPARENT LENS   |   | WHITE DIFFUSER         |             | ILLUMINATION   |                     |
|------------------------|-----------------------|-----------|--|---|------------------------|-------------|--|---------------------|
| PART NUMBER            | FUNCTION              | SCHEMATIC | PART NUMBER  | COLOR                                       | PART NUMBER            | STYLE       | PART NUMBER  | FILAMENT LAMP       |
| <b>1.15108.0510000</b> | 1 NC + 1 NO Momentary |           | <b>5.49275.0321002</b><br><b>5.49275.0321303</b><br><b>5.49275.0321402</b><br><b>5.49275.0321502</b><br><b>5.49275.0321601</b> | Colorless<br>Red<br>Yellow<br>Green<br>Blue | <b>5.73012.0000202</b> | Rectangular | <b>1.90100.0210000</b><br><b>1.90100.0220000</b><br><b>1.90100.0230000</b> | 6 V<br>12 V<br>24 V |
| <b>1.15108.1510000</b> | 1 NC + 1 NO Latching  |           |  |   |                        |             |  |                     |
| <b>1.15108.0520000</b> | 2 NC + 2 NO Momentary |           |  |   |                        |             |  |                     |
| <b>1.15108.1520000</b> | 2 NC + 2 NO Latching  |           |  |   |                        |             |  |                     |

NOTE: Schematics shown represent momentary models only.

Pushbutton