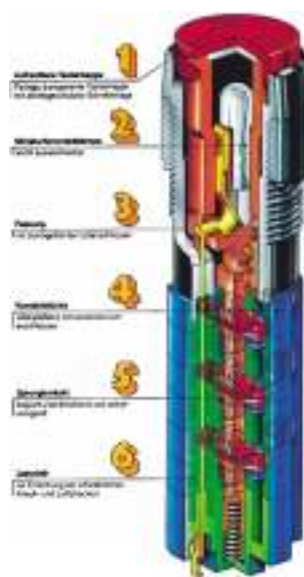


# LUMOTAST 75 IP40

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LUMO  
75 (40)

## General data

### LUMOTAST 75 IP40 pushbutton range

Illuminated pushbuttons, signal lamps and keylock switches

- Mounting hole diameter 16.2 mm
- Degree of protection IP40
- Solder terminals for the following wire cross-sections:
  - Installed 0.5 mm<sup>2</sup> max.
  - Factory terminated 0.35 mm<sup>2</sup> max.
- 250 V/4 A max.
- 3 NC + 3 NO max.
- Lamp socket T 4.5

## Content

### LUMOTAST 75 illuminated pushbutton IP40

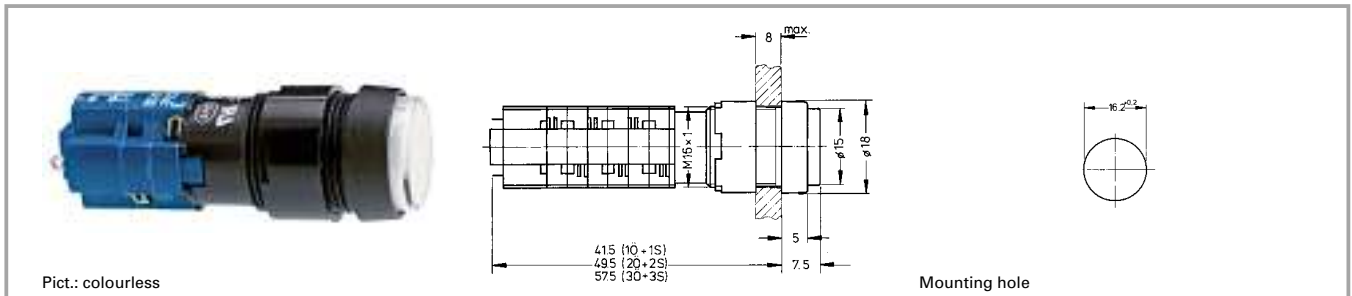
LUMOTAST 75 illuminated pushbutton IP40, protruding lens, round collar	1 - 38
LUMOTAST 75 illuminated pushbutton IP40, protruding lens, square collar	1 - 40
LUMOTAST 75 illuminated pushbutton IP40, flush lens, square collar	1 - 41
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LUMOTAST 75 illuminated pushbutton IP40, protruding lens, square collar	1 - 43

### LUMOTAST 75 keylock switch IP40

LUMOTAST 75 keylock switch IP40, round collar	1 - 44
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### LUMOTAST 75 IP40 signal lamp with lamp socket T 4.5

LUMOTAST 75 IP40 signal lamp with lamp socket T 4.5, round collar, protruding lens	1 - 48
LUMOTAST 75 IP40, signal lamp, round collar, protruding lens	1 - 49
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LUMOTAST 75 IP40 signal lamp, square collar, protruding lens	1 - 51

**LUMOTAST 75 illuminated pushbutton IP40****Technical data****General information**

Form of lens	see order block
Form of collar	see order block
Colour of collar	see order block

**Dimensions**

Length of collar	see order block
Width of collar	see order block
Diameter of collar	see order block
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, tin-plated
Contact system	snap-action bridge contact
Contact function	see order block
Contact arrangement	see order block
Contact materials	Ag
Illuminability	yes
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 min.	100 N

**Electrical characteristics**

Rated voltage AC max.	250 V
Rated voltage DC max.	220 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

**Other specifications**

Operating life, at 250 V/2 A (operations)	200000 (momentary)
Operating life, at 250 V/4 A (operations)	60000 (momentary), 10000 (latching)
Degree of protection from front side	IP40
Ambient temp. operating min.	-25 °C
Ambient temp. operating without lamp max.	+70 °C
Ambient temp. operating with lamp max.	+55 °C
Storage temperature min.	-40 °C
Storage temperature max.	+80 °C
Resistance to constant environment	according to IEC 600 68-2-3 and 2-30
Resistance at variable environment	according to IEC 600 68-2-14 and 2-33
Approvals	ENEC 25 T 55 (70), UL, CSA
Flame class acc. to UL 94	V 1
Hot wire ignition acc. to IEC 695-2-1	yes

**Accessories LUMOTAST 75 illuminated pushbutton IP40**

Description	Photo	Order no.	Page
Filament lamp, T 4.5 base, 12 V		<b>1.90.100.022/0000</b>	5 - 6
Filament lamp, T 4.5 base, 24 V		<b>1.90.100.023/0000</b>	5 - 6



## LUMOTAST 75 IP40

### Accessories LUMOTAST 75 illuminated pushbutton IP40

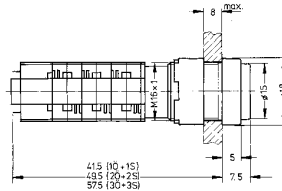
Description	Photo	Order no.	Page
LED T 4.5 superbright, red, 24 V		<b>1.90.690.331/0000</b>	5 - 20
LED T 4.5 superbright, green, 24 V		<b>1.90.690.332/0000</b>	5 - 20
LED T 4.5 superbright, yellow, 24 V		<b>1.90.690.333/0000</b>	5 - 20
LED T 4.5 superbright, blue, 24 V		<b>1.90.690.334/0000</b>	5 - 20
LED T 4.5 superbright, white, 24 V		<b>1.90.690.335/0000</b>	5 - 20
LED T 4.5, red, 3 V		<b>1.90.692.001/0000</b>	5 - 19
LED T 4.5, green, 3 V		<b>1.90.692.002/0000</b>	5 - 19
LED T 4.5, yellow, 3 V		<b>1.90.692.003/0000</b>	5 - 19
Lamp extractor for T 4.5/5.5, lamp diameter 4 mm		<b>1.90.900.002/0000</b>	5 - 24
Lamp extractor for lamp diameter 5-6 mm		<b>1.90.900.004/0000</b>	5 - 24
Protective cap (for 18 x 24 collar)		5.05.800.027/0000	5 - 30
Blanking cap, black, to cover spare holes, dimensions 18 x 18 mm		5.52.006.020/0103	5 - 33
Blanking cap, black, to cover spare holes, dimensions 18 x 24 mm		5.52.006.021/0100	5 - 33
Blanking cap, black, to cover spare holes, round 18 mm		5.52.006.022/0100	5 - 33
Fixing spanner M 15, M 16		<b>5.58.002.019/0105</b>	5 - 25

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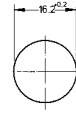
LUMO  
75(40)

**LUMOTAST 75 illuminated pushbutton IP40, protruding lens, round collar**

Pict.: colourless



Mounting hole



Contact arrangement	Contact function	Colour of collar	Order no. without lens	Note
1 NC + 1 NO	momentary	black	<b>1.15.108.451/0000</b>	Please include the desired lens and diffuser in your order.
1 NC + 1 NO	latching	black	<b>1.15.108.551/0000</b>	Please include the desired lens and diffuser in your order.
2 NC + 2 NO	momentary	black	1.15.108.452/0000	Please include the desired lens and diffuser in your order.
2 NC + 2 NO	latching	black	1.15.108.552/0000	Please include the desired lens and diffuser in your order.
3 NC + 3 NO	momentary	black	1.15.108.453/0000	Please include the desired lens and diffuser in your order.
3 NC + 3 NO	latching	black	1.15.108.553/0000	Please include the desired lens and diffuser in your order.

Technical data see page 1 - 38

Lens, round, transparent colourless, for filament lamp or LED: **5.49.257.011/1002**

Lens, round, transparent red, for LED: **5.49.257.011/1301**

Lens, round, transparent red, for filament lamp: **5.49.257.011/1303**

Lens, round, transparent yellow, for filament lamp or LED: **5.49.257.011/1402**

Lens, round, transparent green, for filament lamp: **5.49.257.011/1502**

Lens, round, transparent green, for LED: **5.49.257.011/1503**

Lens, round, transparent blue, for filament lamp: **5.49.257.011/1601**

**Accessories:**

Diffuser, round, for filament lamp, without legend: **5.72.050.000/0202**

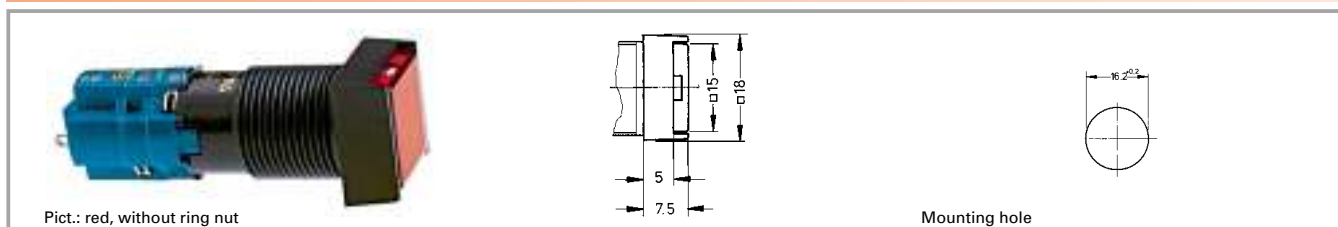
Diffuser, round, for LED, without legend: **5.72.050.000/0214**

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LUMO  
75 (40)

## LUMOTAST 75 IP40

### LUMOTAST 75 illuminated pushbutton IP40, flush lens, square collar



Contact arrangement	Contact function	Colour of collar	Order no. without lens	Note
1 NC + 1 NO	momentary	black	<b>1.15.108.251/0000</b>	Please include the desired lens and diffuser in your order.
1 NC + 1 NO	latching	black	<b>1.15.108.351/0000</b>	Please include the desired lens and diffuser in your order.
2 NC + 2 NO	momentary	black	1.15.108.252/0000	Please include the desired lens and diffuser in your order.
2 NC + 2 NO	latching	black	1.15.108.352/0000	Please include the desired lens and diffuser in your order.
3 NC + 3 NO	momentary	black	1.15.108.253/0000	Please include the desired lens and diffuser in your order.
3 NC + 3 NO	latching	black	1.15.108.353/0000	Please include the desired lens and diffuser in your order.

Technical data see page 1 - 38

Lens, square, transparent colourless, for filament lamp or LED: **5.49.275.036/1002**

Lens, square, transparent red, for LED: **5.49.275.036/1301**

Lens, square, transparent red, for filament lamp: **5.49.275.036/1303**

Lens, square, transparent yellow, for filament lamp or LED: **5.49.275.036/1402**

Lens, square, transparent green, for filament lamp: **5.49.275.036/1502**

Lens, square, transparent green, for LED: **5.49.275.036/1503**

Lens, square, transparent blue, for filament lamp: **5.49.275.036/1601**

#### Accessories:

Sealing cap IP65 (for 18 x 18 collar): 5.05.200.009/0000

Protective cap (for 18 x 18 collar): 5.05.800.030/0000

Diffuser, square, for filament lamp, without legend: **5.73.013.000/0202**

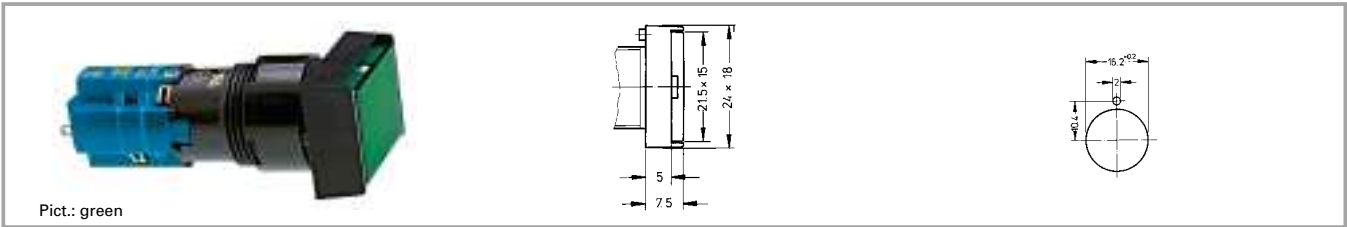
Diffuser, square, for LED, without legend: **5.73.013.000/0214**

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LUMO  
75 (40)

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**LUMOTAST 75 illuminated pushbutton IP40, flush lens, rectangular collar**



Pict.: green

Contact arrangement	Contact function	Colour of collar	Order no. without lens	Note
1 NC + 1 NO	momentary	black	<b>1.15.108.051/0000</b>	Please include the desired lens and diffuser in your order.
1 NC + 1 NO	latching	black	<b>1.15.108.151/0000</b>	Please include the desired lens and diffuser in your order.
2 NC + 2 NO	momentary	black	1.15.108.052/0000	Please include the desired lens and diffuser in your order.
2 NC + 2 NO	latching	black	1.15.108.152/0000	Please include the desired lens and diffuser in your order.
3 NC + 3 NO	momentary	black	1.15.108.053/0000	Please include the desired lens and diffuser in your order.
3 NC + 3 NO	latching	black	1.15.108.153/0000	Please include the desired lens and diffuser in your order.

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75 (40)

Technical data see page 1 - 38

Lens, rectangular, transparent colourless, for filament lamp or LED: **5.49.275.032/1002**

Lens, rectangular, transparent red, for LED: **5.49.275.032/1301**

Lens, rectangular, transparent red, for filament lamp: **5.49.275.032/1303**

Lens, rectangular, transparent yellow, for filament lamp or LED: **5.49.275.032/1402**

Lens, rectangular, transparent green, for filament lamp: **5.49.275.032/1502**

Lens, rectangular, transparent green, for LED: **5.49.275.032/1503**

Lens, rectangular, transparent blue, for filament lamp: **5.49.275.032/1601**

**Accessories:**

Sealing cap IP65 (for 18 x 24 collar): 5.05.200.008/0000

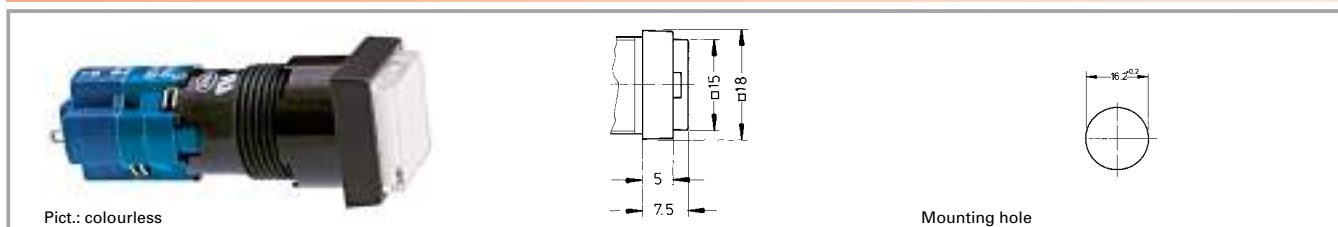
Protective cap (for 18 x 24 collar): 5.05.800.027/0000

Diffuser, rectangular, for filament lamp, without legend: **5.73.012.000/0202**

Diffuser, rectangular, for LED, without legend: **5.73.012.000/0214**

## LUMOTAST 75 IP40

### LUMOTAST 75 illuminated pushbutton IP40, protruding lens, square collar



Contact arrangement	Contact function	Colour of collar	Order no. without lens	Note
1 NC + 1 NO	momentary	black	1.15.108.256/0000	Please include the desired lens and diffuser in your order.
1 NC + 1 NO	latching	black	1.15.108.356/0000	Please include the desired lens and diffuser in your order.
2 NC + 2 NO	momentary	black	1.15.108.257/0000	Please include the desired lens and diffuser in your order.
2 NC + 2 NO	latching	black	1.15.108.357/0000	Please include the desired lens and diffuser in your order.
3 NC + 3 NO	momentary	black	1.15.108.258/0000	Please include the desired lens and diffuser in your order.
3 NC + 3 NO	latching	black	1.15.108.358/0000	Please include the desired lens and diffuser in your order.

Technical data see page 1 - 38

Lens, square, transparent colourless, for filament lamp or LED: **5.49.275.036/1002**

Lens, square, transparent red, for LED: **5.49.275.036/1301**

Lens, square, transparent red, for filament lamp: **5.49.275.036/1303**

Lens, square, transparent yellow, for filament lamp or LED: **5.49.275.036/1402**

Lens, square, transparent green, for filament lamp: **5.49.275.036/1502**

Lens, square, transparent green, for LED: **5.49.275.036/1503**

Lens, square, transparent blue, for filament lamp: **5.49.275.036/1601**

#### Accessories:

Sealing cap IP65 (for 18 x 18 collar): 5.05.200.009/0000

Protective cap (for 18 x 18 collar): 5.05.800.030/0000

Diffuser, square, for filament lamp, without legend: **5.73.013.000/0202**

Diffuser, square, for LED, without legend: **5.73.013.000/0214**

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LUMO  
75 (40)

**LUMOTAST 75 keylock switch IP40**



Mounting hole

**Technical data**

**General information**

Form of lens see order block  
 Colour of collar see order block  
 Form of collar see order block

**Dimensions**

Length of collar see order block  
 Diameter of collar see order block  
 Width of collar see order block  
 Overall height (without key) 7.5 mm  
 Mounting depth see order block  
 Mounting hole 16.2 mm

**Mechanical design**

Mounting ring nut  
 Terminals solder terminals, tin-plated  
 Contact system snap-action bridge contact  
 Contact function see order block  
 Contact arrangement see order block  
 Contact materials Ag  
 Illuminability no  
 Lock cylinder lock  
 Wafers 4 pins  
 Lock type 1D 21  
 Number of locking positions 45  
 Main key no  
 Symmetric key no  
 Key removal position see order block

**Mechanical characteristics**

Rotating angle see order block

**Electrical characteristics**

Rated voltage AC max. 250 V  
 Rated voltage DC max. 220 V  
 Rated voltage AC/DC min. 12 V  
 Rated current AC max. 4 A  
 Rated current DC max. 0.02 A  
 Rated current AC/DC min. 5 mA  
 Contact resistance acc. to life max. 200 mΩ  
 Bouncing time max. 10 ms  
 ESD-strength min. 14 kV

**Other specifications**

Operating life, at 250 V/2 A (operations) 50000 (momentary)  
 Operating life, at 250 V/4 A (operations) 50000 (momentary)  
 Degree of protection from front side IP40  
 Ambient temp. operating min. -25 °C  
 Ambient temp. operating max. +70 °C  
 Storage temperature min. -40 °C  
 Storage temperature max. +80 °C  
 Resistance to constant environment according to IEC 600 68-2-3 and 2-30  
 Resistance at variable environment according to IEC 600 68-2-14 and 2-33  
 Weight max. 35 g  
 Approvals ENEC 25 T 55 (70), UL, CSA  
 Flame class acc. to UL 94 V 1  
 Hot wire ignition acc. to IEC 695-2-1 yes

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**Accessories LUMOTAST 75 keylock switch IP40**

Description	Photo	Order no.	Page
Blanking cap, black, to cover spare holes, dimensions 18 x 24 mm		5.52.006.021/0100	5 - 33
Blanking cap, black, to cover spare holes, round 18 mm		5.52.006.022/0100	5 - 33

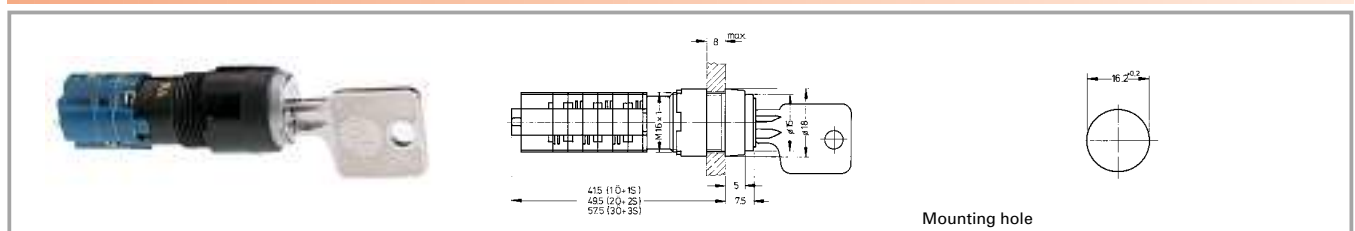


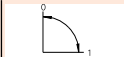
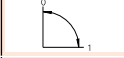
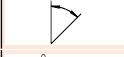


# LUMOTAST 75 IP40

## Accessories LUMOTAST 75 keylock switch IP40

Description	Photo	Order no.	Page
Fixing spanner M 15, M 16		<b>5.58.002.019/0105</b>	5 - 25
Spare key for LUMO 75		5.58.002.030/0000	
Key cap for LUMO 75		5.58.004.721/0000	

## LUMOTAST 75 keylock switch IP40, round collar



Contact arrangement	Contact function	Rotating angle	Key removal position	Colour of collar	Order no. complete
1 NC + 1 NO	latching	90°		black	<b>1.15.108.851/0000</b>
1 NC + 1 NO	latching	90°		black	1.15.108.911/0000
1 NC + 1 NO	momentary	45°		black	1.15.108.941/0000
2 NC + 2 NO	latching	90°		black	1.15.108.852/0000
2 NC + 2 NO	latching	90°		black	1.15.108.912/0000

Technical data see page 1 - 44

Included: 2 keys.

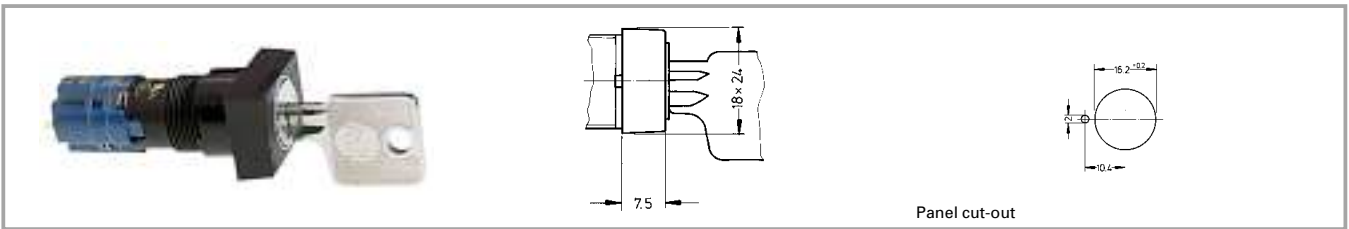
Other lock variants and contacts available on request.

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LUMO  
75 (40)

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**LUMOTAST 75 keylock switch IP40, rectangular collar**



Contact arrangement	Contact function	Rotating angle		Key removal position	Colour of collar	Order no. complete
1 NC + 1 NO	latching	90°		0	black	<b>1.15.108.571/0100</b>
1 NC + 1 NO	latching	90°		0+1	black	<b>1.15.108.631/0100</b>
1 NC + 1 NO	momentary	45°		0	black	1.15.108.661/0100
2 NC + 2 NO	latching	90°		0	black	<b>1.15.108.572/0100</b>
2 NC + 2 NO	latching	90°		0+1	black	<b>1.15.108.632/0100</b>

Technical data see page 1 - 44

Included: 2 keys.  
Other lock variants and contacts available on request.

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**LUMOTAST 75 IP40 signal lamp with lamp socket T 4.5**



**Technical data**

**General information**

Form of lens see order block  
 Form of collar see order block  
 Colour of collar see order block

**Dimensions**

Length of collar see order block  
 Width of collar see order block  
 Diameter of collar see order block  
 Overall height 7.5 mm  
 Mounting depth 33.5 mm  
 Mounting hole 16.2 mm

**Mechanical design**

Mounting ring nut  
 Terminals solder terminals, tin-plated  
 Lamp socket T 4.5  
 Lamp filament lamp / LED

**Electrical characteristics**

Voltage limit max. 42 V  
 Power limit max. 1.2 W

**Other specifications**

Degree of protection from front side IP40  
 Weight 5 g  
 Approvals ENEC 25 T 55 (70), UL, CSA  
 Ambient temp. operating min. -25 °C  
 Ambient temp. operating max. +55 °C  
 Storage temperature min. -40 °C  
 Storage temperature max. +80 °C  
 Resistance to constant environment according to IEC 600 68-2-3 and 2-30  
 Resistance at variable environment according to IEC 600 68-2-14 and 2-33

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75(40)

**Accessories LUMOTAST 75 IP40 signal lamp with lamp socket T 4.5**

Description	Photo	Order no.	Page
Filament lamp, T 4.5 base, 12 V		<b>1.90.100.022/0000</b>	5 - 6
Filament lamp, T 4.5 base, 24 V		<b>1.90.100.023/0000</b>	5 - 6
LED T 4.5 superbright, red, 24 V		<b>1.90.690.331/0000</b>	5 - 20
LED T 4.5 superbright, green, 24 V		<b>1.90.690.332/0000</b>	5 - 20
LED T 4.5 superbright, yellow, 24 V		<b>1.90.690.333/0000</b>	5 - 20
LED T 4.5 superbright, blue, 24 V		<b>1.90.690.334/0000</b>	5 - 20
LED T 4.5 superbright, white, 24 V		<b>1.90.690.335/0000</b>	5 - 20



## LUMOTAST 75 IP40

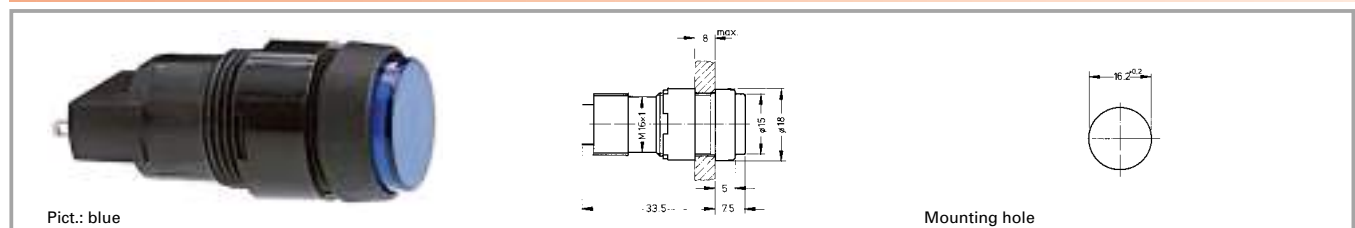
## Accessories LUMOTAST 75 IP40 signal lamp with lamp socket T 4.5

Description	Photo	Order no.	Page
LED T 4.5, red, 3 V		1.90.692.001/0000	5 - 19
LED T 4.5, green, 3 V		1.90.692.002/0000	5 - 19
LED T 4.5, yellow, 3 V		1.90.692.003/0000	5 - 19
Blanking cap, black, to cover spare holes, dimensions 18 x 18 mm		5.52.006.020/0103	5 - 33
Blanking cap, black, to cover spare holes, dimensions 18 x 24 mm		5.52.006.021/0100	5 - 33
Blanking cap, black, to cover spare holes, round 18 mm		5.52.006.022/0100	5 - 33
Fixing spanner M 15, M 16		5.58.002.019/0105	5 - 25

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LUMO  
75 (40)

## LUMOTAST 75 IP40 signal lamp with lamp socket T 4.5, round collar, protruding lens



Pict.: blue

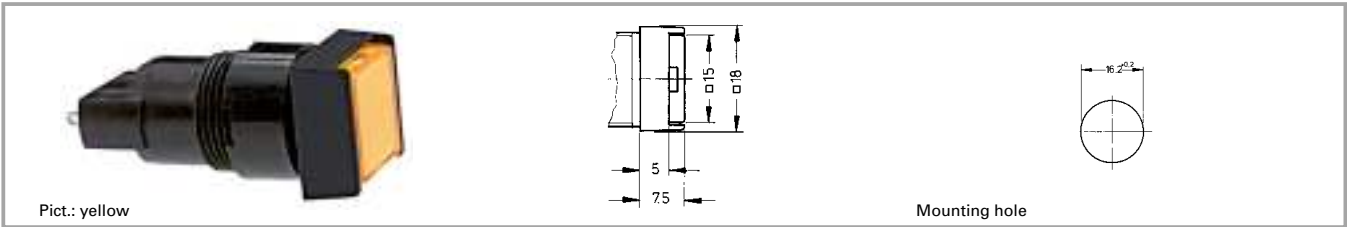
Mounting hole

Voltage limit max.	Power limit max.	Lamp socket	Colour of collar	Order no. without lens	Note
42 V	1.2 W	T 4.5	black	<b>1.65.111.071/0000</b>	Please include the desired lens and diffuser in your order.

Technical data see page 1 - 48

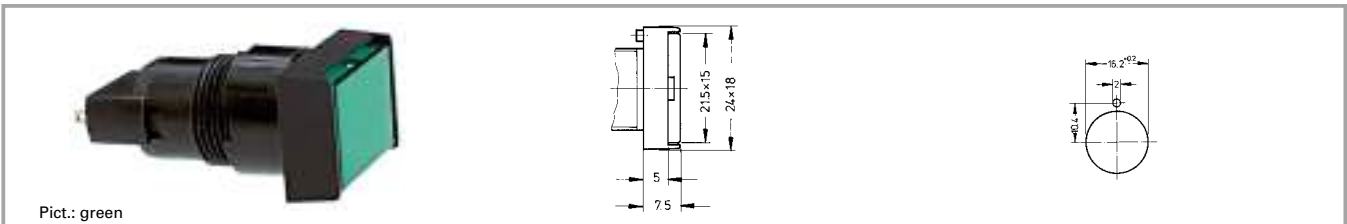
Lens, round, transparent colourless, for filament lamp or LED: **5.49.257.011/1002**Lens, round, transparent red, for LED: **5.49.257.011/1301**Lens, round, transparent red, for filament lamp: **5.49.257.011/1303**Lens, round, transparent yellow, for filament lamp or LED: **5.49.257.011/1402**Lens, round, transparent green, for filament lamp: **5.49.257.011/1502**Lens, round, transparent green, for LED: **5.49.257.011/1503**Lens, round, transparent blue, for filament lamp: **5.49.257.011/1601****Accessories:**Diffuser, round, for filament lamp, without legend: **5.72.050.000/0202**Diffuser, round, for LED, without legend: **5.72.050.000/0214**

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**LUMOTAST 75 IP40, signal lamp, square collar, flush lens**

Voltage limit max.	Power limit max.	Lamp socket	Colour of collar	Order no. without lens	Note
42 V	1.2 W	T 4.5	black	<b>1.65.111.061/0000</b>	Please include the desired lens and diffuser in your order.

Technical data see page 1 - 48

Lens, square, transparent colourless, for filament lamp or LED: **5.49.275.036/1002**Lens, square, transparent red, for LED: **5.49.275.036/1301**Lens, square, transparent red, for filament lamp: **5.49.275.036/1303**Lens, square, transparent yellow, for filament lamp or LED: **5.49.275.036/1402**Lens, square, transparent green, for filament lamp: **5.49.275.036/1502**Lens, square, transparent green, for LED: **5.49.275.036/1503**Lens, square, transparent blue, for filament lamp: **5.49.275.036/1601****Accessories:**Diffuser, square, for filament lamp, without legend: **5.73.013.000/0202**Diffuser, square, for LED, without legend: **5.73.013.000/0214**LUMO  
75(40)**LUMOTAST 75 IP40 signal lamp, rectangular collar, flush lens**

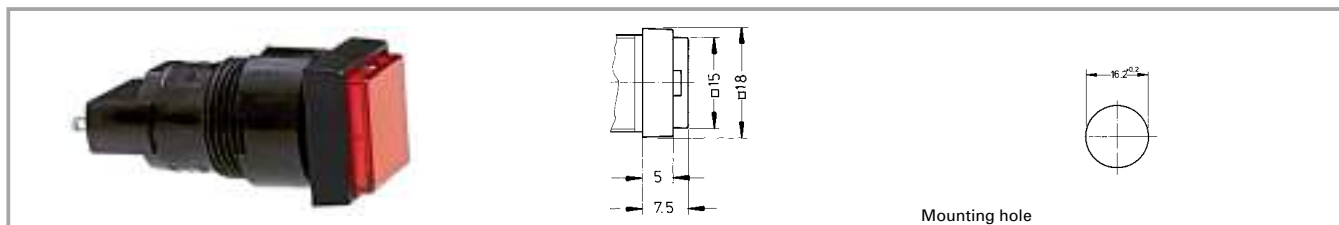
Voltage limit max.	Power limit max.	Lamp socket	Colour of collar	Order no. without lens	Note
42 V	1.2 W	T 4.5	black	<b>1.65.111.051/0000</b>	Please include the desired lens and diffuser in your order.

Technical data see page 1 - 48

Lens, rectangular, transparent colourless, for filament lamp or LED: **5.49.275.032/1002**Lens, rectangular, transparent red, for LED: **5.49.275.032/1301**Lens, rectangular, transparent red, for filament lamp: **5.49.275.032/1303**Lens, rectangular, transparent yellow, for filament lamp or LED: **5.49.275.032/1402**Lens, rectangular, transparent green, for filament lamp: **5.49.275.032/1502**Lens, rectangular, transparent green, for LED: **5.49.275.032/1503**Lens, rectangular, transparent blue, for filament lamp: **5.49.275.032/1601****Accessories:**Diffuser, rectangular, for filament lamp, without legend: **5.73.012.000/0202**Diffuser, rectangular, for LED, without legend: **5.73.012.000/0214**

## LUMOTAST 75 IP40

### LUMOTAST 75 IP40 signal lamp, square collar, protruding lens



Voltage limit max.	Power limit max.	Lamp socket	Colour of collar	Order no. without lens	Note
42 V	1.2 W	T 4.5	black	1.65.111.081/0000	Please include the desired lens and diffuser in your order.

Technical data see page 1 - 48

Lens, square, transparent colourless, for filament lamp or LED: **5.49.275.036/1002**

Lens, square, transparent red, for LED: **5.49.275.036/1301**

Lens, square, transparent red, for filament lamp: **5.49.275.036/1303**

Lens, square, transparent yellow, for filament lamp or LED: **5.49.275.036/1402**

Lens, square, transparent green, for filament lamp: **5.49.275.036/1502**

Lens, square, transparent green, for LED: **5.49.275.036/1503**

Lens, square, transparent blue, for filament lamp: **5.49.275.036/1601**

#### Accessories:

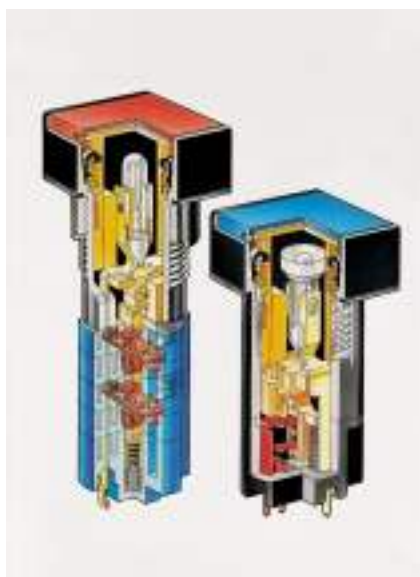
Diffuser, square, for filament lamp, without legend: **5.73.013.000/0202**

Diffuser, square, for LED, without legend: **5.73.013.000/0214**

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LUMO  
75 (40)

# LUMOTAST 75 IP65



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## General data

### LUMOTAST 75 IP65 pushbutton range

Illuminated pushbuttons and signal lamps with lamp socket T 4.5

- Mounting hole diameter 16.2 mm
- Degree of protection IP65
- Solder terminals for the following wire cross-sections:
  - Installed 0.5 mm<sup>2</sup> max.
  - Factory terminated 0.35 mm<sup>2</sup> max.
- 250 V/4 A max.
- 3 NC + 3 NO max.

LUMO  
75 (65)

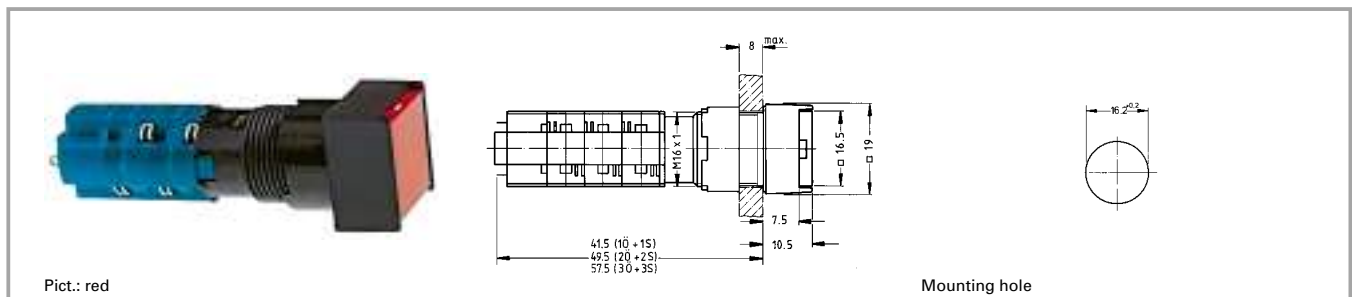
## Content

### LUMOTAST 75 illuminated pushbutton IP65

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### LUMOTAST 75 signal lamp IP65

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LUMOTAST 75 signal lamp IP65, protruding lens, square collar	1 - 64
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LUMOTAST 75 signal lamp IP65, flush lens, rectangular collar	1 - 65

**LUMOTAST 75 illuminated pushbutton IP65****Technical data****General information**

Form of lens	see order block
Colour of lens	see order block
Form of collar	see order block
Colour of collar	black

**Dimensions**

Length of collar	see order block
Diameter of collar	see order block
Width of collar	see order block
Overall height	10.5 mm
Mounting depth	see order block
Mounting hole	16.2 mm

**Mechanical design**

Mounting	ring nut
Terminals	solder terminals, tin-plated
Contact system	snap-action bridge contact
Contact function	see order block
Contact arrangement	see order block
Contact materials	Ag
Illuminability	yes
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
Robustness min.	100 N

**Electrical characteristics**

Rated voltage AC max.	250 V
Rated voltage DC max.	220 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)	200000 (momentary), 50000 (latching)
Operating life, at 250 V/4 A (operations)	60000 (momentary)
Degree of protection from front side	IP65
Ambient temp. operating min.	-25 °C
Ambient temp. operating without lamp max.	+70 °C
Ambient temp. operating with lamp max.	+55 °C
Storage temperature min.	-40 °C
Storage temperature max.	+80 °C
Resistance to constant environment	according to IEC 600 68-2-3 and 2-30
Resistance at variable environment	according to IEC 600 68-2-14 and 2-33
Weight	15 g
Approvals	ENEC 25 T 55 (70), UL, CSA
Flame class acc. to UL 94	V 0
Hot wire ignition acc. to IEC 695-2-1	yes

**Accessories LUMOTAST 75 illuminated pushbutton IP65**

Description	Photo	Order no.	Page
Filament lamp, T 4.5 base, 12 V		<b>1.90.100.022/0000</b>	5 - 6
Filament lamp, T 4.5 base, 24 V		<b>1.90.100.023/0000</b>	5 - 6





## LUMOTAST 75 IP65

## Accessories LUMOTAST 75 illuminated pushbutton IP65

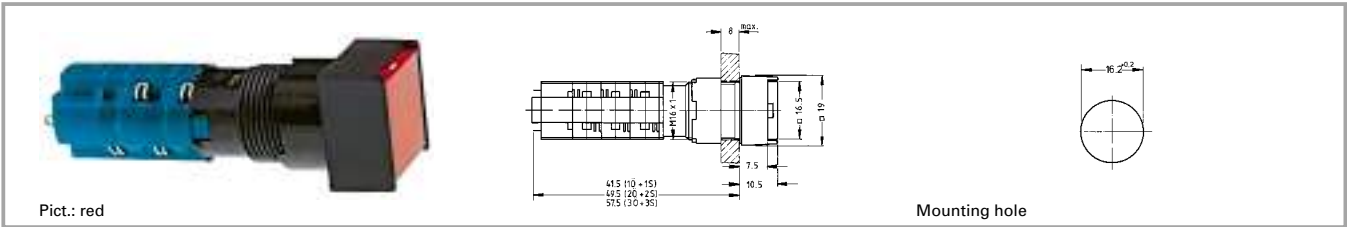
Description	Photo	Order no.	Page
LED T 4.5 superbright, red, 24 V		<b>1.90.690.331/0000</b>	5 - 20
LED T 4.5 superbright, green, 24 V		<b>1.90.690.332/0000</b>	5 - 20
LED T 4.5 superbright, yellow, 24 V		<b>1.90.690.333/0000</b>	5 - 20
LED T 4.5 superbright, blue, 24 V		<b>1.90.690.334/0000</b>	5 - 20
LED T 4.5 superbright, white, 24 V		<b>1.90.690.335/0000</b>	5 - 20
LED T 4.5, red, 3 V		<b>1.90.692.001/0000</b>	5 - 19
LED T 4.5, green, 3 V		<b>1.90.692.002/0000</b>	5 - 19
LED T 4.5, yellow, 3 V		<b>1.90.692.003/0000</b>	5 - 19
Lamp extractor for T 4.5/5.5, lamp diameter 4 mm		<b>1.90.900.002/0000</b>	5 - 24
Lamp extractor for lamp diameter 5-6 mm		<b>1.90.900.004/0000</b>	5 - 24
Protective cap (for 18 x 24 collar)		5.05.800.027/0000	5 - 30
Blanking cap, black, to cover spare holes, dimensions 18 x 18 mm		5.52.006.020/0103	5 - 33
Blanking cap, black, to cover spare holes, dimensions 18 x 24 mm		5.52.006.021/0100	5 - 33
Blanking cap, black, to cover spare holes, round 18 mm		5.52.006.022/0100	5 - 33
Fixing spanner M 15, M 16		<b>5.58.002.019/0105</b>	5 - 25

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LUMO  
75 (65)

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**LUMOTAST 75 illuminated pushbutton IP65, flush lens, square collar**



Contact arrangement	Contact function	Colour of collar	Order no. without lens	Note
1 NC + 1 NO	momentary	black	<b>1.15.108.276/0000</b>	Please include the desired lens in your order.
1 NC + 1 NO	latching	black	1.15.108.376/0000	Please include the desired lens in your order.
2 NC + 2 NO	momentary	black	1.15.108.277/0000	Please include the desired lens in your order.
2 NC + 2 NO	latching	black	1.15.108.377/0000	Please include the desired lens in your order.
3 NC + 3 NO	momentary	black	1.15.108.278/0000	Please include the desired lens in your order.
3 NC + 3 NO	latching	black	1.15.108.378/0000	Please include the desired lens in your order.

LUMO  
75 (65)

Technical data see page 1 - 54

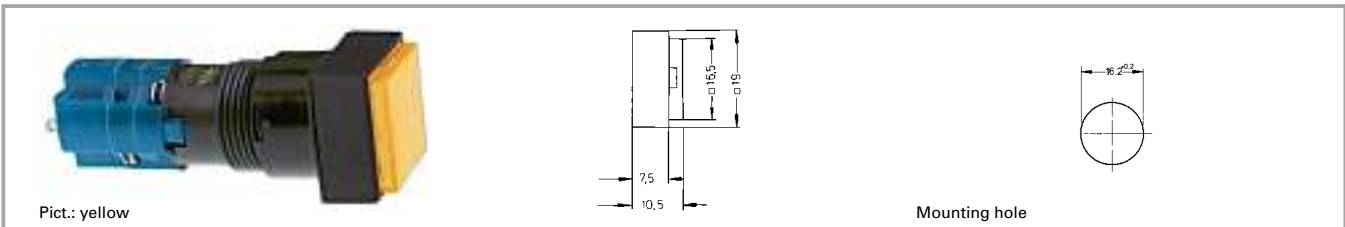
- Lens, square, transparent colourless, for filament lamp or LED: **5.49.277.052/1002**
- Lens, square, transparent red, for LED: **5.49.277.052/1301**
- Lens, square, transparent red, for filament lamp: **5.49.277.052/1303**
- Lens, square, transparent yellow, for filament lamp or LED: **5.49.277.052/1402**
- Lens, square, transparent green, for filament lamp: **5.49.277.052/1502**
- Lens, square, transparent green, for LED: **5.49.277.052/1503**
- Lens, square, transparent blue, for filament lamp: **5.49.277.052/1601**

**Accessories:**

Legend insert, square, without legend: 5.70.629.000/2000

# LUMOTAST 75 IP65

## LUMOTAST 75 illuminated pushbutton IP65, protruding lens, square collar



Contact arrangement	Contact function	Colour of collar	Order no. without lens	Note
1 NC + 1 NO	momentary	black	1.15.108.281/0000	Please include the desired lens in your order.
1 NC + 1 NO	latching	black	1.15.108.381/0000	Please include the desired lens in your order.
2 NC + 2 NO	momentary	black	1.15.108.282/0000	Please include the desired lens in your order.
2 NC + 2 NO	latching	black	1.15.108.382/0000	Please include the desired lens in your order.
3 NC + 3 NO	momentary	black	1.15.108.283/0000	Please include the desired lens in your order.
3 NC + 3 NO	latching	black	1.15.108.383/0000	Please include the desired lens in your order.

Technical data see page 1 - 54

Lens, square, transparent colourless, for filament lamp or LED: **5.49.277.052/1002**

Lens, square, transparent red, for LED: **5.49.277.052/1301**

Lens, square, transparent red, for filament lamp: **5.49.277.052/1303**

Lens, square, transparent yellow, for filament lamp or LED: **5.49.277.052/1402**

Lens, square, transparent green, for filament lamp: **5.49.277.052/1502**

Lens, square, transparent green, for LED: **5.49.277.052/1503**

Lens, square, transparent blue, for filament lamp: **5.49.277.052/1601**

**Accessories:**

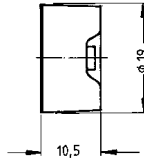
Legend insert, square, without legend: 5.70.629.000/2000

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LUMO  
75 (65)

**LUMOTAST 75 illuminated pushbutton IP65, flush lens, round collar**

Pict.: blue



Mounting hole

Contact arrangement	Contact function	Colour of collar	Order no. without lens	Note
1 NC + 1 NO	momentary	black	<b>1.15.108.481/0000</b>	Please include the desired lens in your order.
1 NC + 1 NO	latching	black	1.15.108.981/0000	Please include the desired lens in your order.
2 NC + 2 NO	momentary	black	1.15.108.482/0000	Please include the desired lens in your order.
2 NC + 2 NO	latching	black	1.15.108.982/0000	Please include the desired lens in your order.
3 NC + 3 NO	momentary	black	1.15.108.483/0000	Please include the desired lens in your order.
3 NC + 3 NO	latching	black	1.15.108.983/0000	Please include the desired lens in your order.

Technical data see page 1 - 54

Lens, round, transparent colourless, for filament lamp or LED: **5.49.259.013/1002**

Lens, round, transparent red, for LED: **5.49.259.013/1301**

Lens, round, transparent red, for filament lamp: **5.49.259.013/1303**

Lens, round, transparent yellow, for filament lamp or LED: **5.49.259.013/1402**

Lens, round, transparent green, for filament lamp: **5.49.259.013/1502**

Lens, round, transparent green, for LED: **5.49.259.013/1503**

Lens, round, transparent blue, for filament lamp: **5.49.259.013/1601**

**Accessories:**

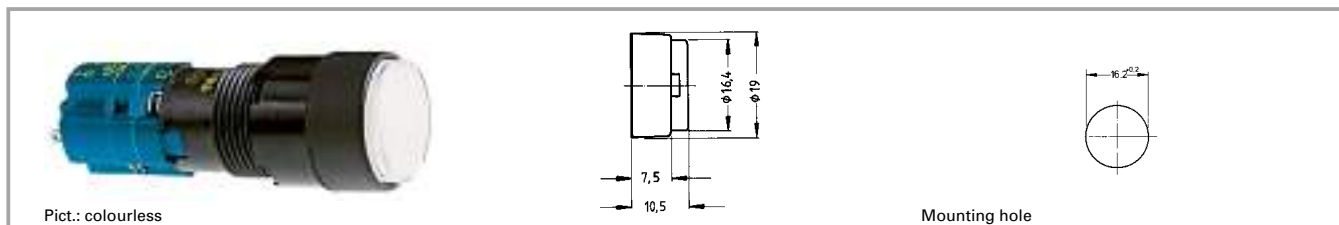
Legend insert, round, without legend: 5.70.059.000/2000

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LUMO  
75 (65)

# LUMOTAST 75 IP65

## LUMOTAST 75 illuminated pushbutton IP65, protruding lens, round collar



Contact arrangement	Contact function	Colour of collar	Order no. without lens	Note
1 NC + 1 NO	momentary	black	1.15.108.476/0000	Please include the desired lens in your order.
1 NC + 1 NO	latching	black	1.15.108.976/0000	Please include the desired lens in your order.
2 NC + 2 NO	momentary	black	1.15.108.477/0000	Please include the desired lens in your order.
2 NC + 2 NO	latching	black	1.15.108.977/0000	Please include the desired lens in your order.
3 NC + 3 NO	momentary	black	1.15.108.478/0000	Please include the desired lens in your order.
3 NC + 3 NO	latching	black	1.15.108.978/0000	Please include the desired lens in your order.

Technical data see page 1 - 54

Lens, round, transparent colourless, for filament lamp or LED: **5.49.259.013/1002**

Lens, round, transparent red, for LED: **5.49.259.013/1301**

Lens, round, transparent red, for filament lamp: **5.49.259.013/1303**

Lens, round, transparent yellow, for filament lamp or LED: **5.49.259.013/1402**

Lens, round, transparent green, for filament lamp: **5.49.259.013/1502**

Lens, round, transparent green, for LED: **5.49.259.013/1503**

Lens, round, transparent blue, for filament lamp: **5.49.259.013/1601**

**Accessories:**

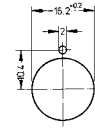
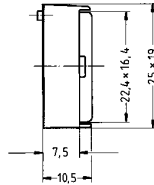
Legend insert, round, without legend: 5.70.059.000/2000

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LUMO  
75 (65)

**LUMOTAST 75 illuminated pushbutton IP65, flush lens, rectangular collar**

Pict.: green



Contact arrangement	Contact function	Colour of collar	Order no. without lens	Note
1 NC + 1 NO	momentary	black	<b>1.15.108.076/0000</b>	Please include the desired lens in your order.
1 NC + 1 NO	latching	black	1.15.108.176/0000	Please include the desired lens in your order.
2 NC + 2 NO	momentary	black	1.15.108.077/0000	Please include the desired lens in your order.
2 NC + 2 NO	latching	black	1.15.108.177/0000	Please include the desired lens in your order.
3 NC + 3 NO	momentary	black	1.15.108.078/0000	Please include the desired lens in your order.
3 NC + 3 NO	latching	black	1.15.108.178/0000	Please include the desired lens in your order.

**LUMO  
75 (65)**

Technical data see page 1 - 54

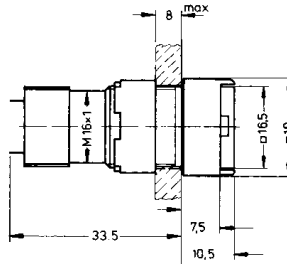
Lens, rectangular, transparent colourless, for filament lamp or LED: **5.49.277.058/1002**Lens, rectangular, transparent red, for LED: **5.49.277.058/1301**Lens, rectangular, transparent red, for filament lamp: **5.49.277.058/1303**Lens, rectangular, transparent yellow, for filament lamp or LED: **5.49.277.058/1402**Lens, rectangular, transparent green, for filament lamp: **5.49.277.058/1502**Lens, rectangular, transparent green, for LED: **5.49.277.058/1503**Lens, rectangular, transparent blue, for filament lamp: **5.49.277.058/1601****Accessories:**

Legend insert, rectangular without legend: 5.70.630.000/2000

**LUMOTAST 75 signal lamp IP65**



Pict.: red



Mounting hole

**Technical data**

**General information**

Form of lens see order block  
Form of collar see order block  
Diameter of collar see order block

**Dimensions**

Length of collar see order block  
Width of collar see order block  
Overall height 10.5 mm  
Mounting depth 33.5 mm  
Mounting hole 16.2 mm

**Mechanical design**

Mounting ring nut  
Terminals solder terminals, tin-plated  
Lamp socket T 4.5  
Lamp filament lamp / LED

**Electrical characteristics**

Voltage limit max. 42 V  
Power limit max. 1.2 W

**Other specifications**

Degree of protection from front side IP65  
Weight 5 g  
Approvals ENEC 25 T 55 (70), UL, CSA  
Ambient temp. operating min. -25 °C  
Ambient temp. operating max. +55 °C  
Storage temperature min. -40 °C  
Storage temperature max. +80 °C

LUMO  
75 (65)

**Accessories LUMOTAST 75 signal lamp IP65**

Description	Photo	Order no.	Page
Filament lamp, T 4.5 base, 12 V		<b>1.90.100.022/0000</b>	5 - 6
Filament lamp, T 4.5 base, 24 V		<b>1.90.100.023/0000</b>	5 - 6
LED T 4.5 superbright, red, 24 V		<b>1.90.690.331/0000</b>	5 - 20
LED T 4.5 superbright, green, 24 V		<b>1.90.690.332/0000</b>	5 - 20
LED T 4.5 superbright, yellow, 24 V		<b>1.90.690.333/0000</b>	5 - 20
LED T 4.5 superbright, blue, 24 V		<b>1.90.690.334/0000</b>	5 - 20
LED T 4.5 superbright, white, 24 V		<b>1.90.690.335/0000</b>	5 - 20
LED T 4.5, red, 3 V		<b>1.90.692.001/0000</b>	5 - 19

# LUMOTAST 75 IP65

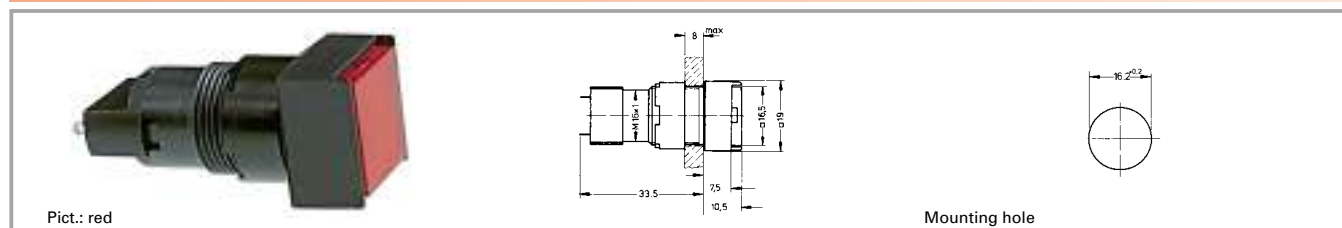
## Accessories LUMOTAST 75 signal lamp IP65

Description	Photo	Order no.	Page
LED T 4.5, yellow, 3 V		<b>1.90.692.003/0000</b>	5 - 19
Lamp extractor for T 4.5/5.5, lamp diameter 4 mm		<b>1.90.900.002/0000</b>	5 - 24
Lamp extractor for lamp diameter 5-6 mm		<b>1.90.900.004/0000</b>	5 - 24
Blanking cap, black, to cover spare holes, dimensions 18 x 18 mm		5.52.006.020/0103	5 - 33
Blanking cap, black, to cover spare holes, dimensions 18 x 24 mm		5.52.006.021/0100	5 - 33
Blanking cap, black, to cover spare holes, round 18 mm		5.52.006.022/0100	5 - 33
Fixing spanner M 15, M 16		<b>5.58.002.019/0105</b>	5 - 25

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LUMO  
75 (65)

## LUMOTAST 75 signal lamp IP65, flush lens, square collar



Voltage limit max.	Power limit max.	Lamp socket	Form of collar	Order no. without lens	Note
42 V	1.2 W	T 4.5	square	<b>1.65.111.066/0000</b>	Please include the desired lens in your order.

Technical data see page 1 - 62

Lens, square, transparent colourless, for filament lamp or LED: **5.49.277.052/1002**

Lens, square, transparent red, for LED: **5.49.277.052/1301**

Lens, square, transparent red, for filament lamp: **5.49.277.052/1303**

Lens, square, transparent yellow, for filament lamp or LED: **5.49.277.052/1402**

Lens, square, transparent green, for filament lamp: **5.49.277.052/1502**

Lens, square, transparent green, for LED: **5.49.277.052/1503**

Lens, square, transparent blue, for filament lamp: **5.49.277.052/1601**

### Accessories:

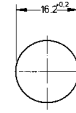
Legend insert, square: 5.70.629.000/2000

For assembly, press the lens as far as possible.



**LUMOTAST 75 signal lamp IP65, protruding lens, square collar**

Pict.: green



Mounting hole

Voltage limit max.	Power limit max.	Lamp socket	Form of collar	Order no. without lens	Note
42 V	1.2 W	T 4.5	square	1.65.111.086/0000	Please include the desired lens in your order.

Technical data see page 1 - 62

Lens, square, transparent colourless, for filament lamp or LED: **5.49.277.052/1002**

Lens, square, transparent red, for LED: **5.49.277.052/1301**

Lens, square, transparent red, for filament lamp: **5.49.277.052/1303**

Lens, square, transparent yellow, for filament lamp or LED: **5.49.277.052/1402**

Lens, square, transparent green, for filament lamp: **5.49.277.052/1502**

Lens, square, transparent green, for LED: **5.49.277.052/1503**

Lens, square, transparent blue, for filament lamp: **5.49.277.052/1601**

**Accessories:**

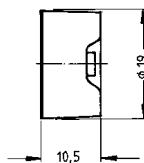
Legend insert, round, without legend: 5.70.629.000/2000

For assembly, press the lens as far as possible.

**LUMO  
75 (65)**

**LUMOTAST 75 signal lamp IP65, flush lens, round collar**

Pict.: yellow



Mounting hole

Voltage limit max.	Power limit max.	Lamp socket	Form of collar	Order no. without lens	Note
42 V	1.2 W	T 4.5	round	1.65.111.096/0000	Please include the desired lens in your order.

Technical data see page 1 - 62

Lens, round, transparent colourless, for filament lamp or LED: **5.49.259.013/1002**

Lens, round, transparent red, for LED: **5.49.259.013/1301**

Lens, round, transparent red, for filament lamp: **5.49.259.013/1303**

Lens, round, transparent yellow, for filament lamp or LED: **5.49.259.013/1402**

Lens, round, transparent green, for filament lamp: **5.49.259.013/1502**

Lens, round, transparent green, for LED: **5.49.259.013/1503**

Lens, round, transparent blue, for filament lamp: **5.49.259.013/1601**

**Accessories:**

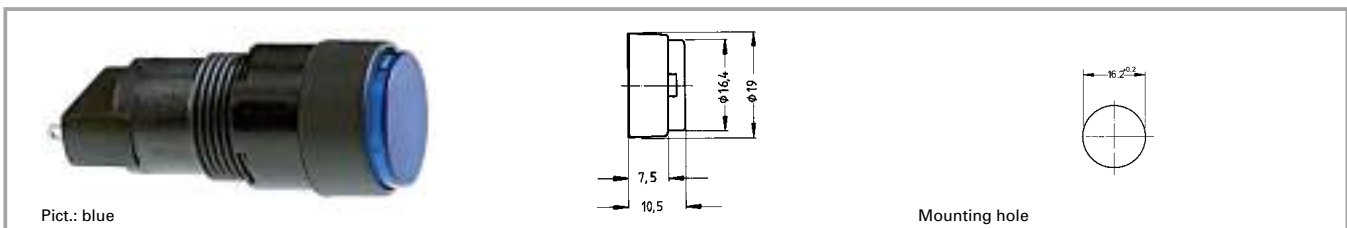
Legend insert, round, without legend: 5.70.059.000/2000

For assembly, press the lens as far as possible.



## LUMOTAST 75 IP65

## LUMOTAST 75 signal lamp IP65, protruding lens, round collar



Voltage limit max.	Power limit max.	Lamp socket	Form of collar	Order no. without lens	Note
42 V	1.2 W	T 4.5	round	<b>1.65.111.076/0000</b>	Please include the desired lens in your order.

Technical data see page 1 - 62

Lens, round, transparent colourless, for filament lamp or LED: **5.49.259.013/1002**

Lens, round, transparent red, for LED: **5.49.259.013/1301**

Lens, round, transparent red, for filament lamp: **5.49.259.013/1303**

Lens, round, transparent yellow, for filament lamp or LED: **5.49.259.013/1402**

Lens, round, transparent green, for filament lamp: **5.49.259.013/1502**

Lens, round, transparent green, for LED: **5.49.259.013/1503**

Lens, round, transparent blue, for filament lamp: **5.49.259.013/1601**

**Accessories:**

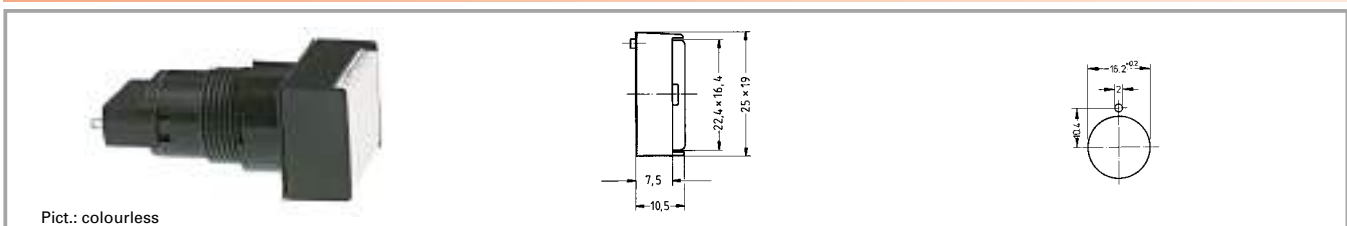
Legend insert, round, without legend: 5.70.059.000/2000

For assembly, press the lens as far as possible.

1

LUMO  
75 (65)

## LUMOTAST 75 signal lamp IP65, flush lens, rectangular collar



Voltage limit max.	Power limit max.	Lamp socket	Form of collar	Order no. without lens	Note
42 V	1.2 W	T 4.5	rectangular	<b>1.65.111.056/0000</b>	Please include the desired lens in your order.

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Lens, rectangular, transparent colourless, for filament lamp or LED: **5.49.277.058/1002**

Lens, rectangular, transparent red, for LED: **5.49.277.058/1301**

Lens, rectangular, transparent red, for filament lamp: **5.49.277.058/1303**

Lens, rectangular, transparent yellow, for filament lamp or LED: **5.49.277.058/1402**

Lens, rectangular, transparent green, for filament lamp: **5.49.277.058/1502**

Lens, rectangular, transparent green, for LED: **5.49.277.058/1503**

Lens, rectangular, transparent blue, for filament lamp: **5.49.277.058/1601**

**Accessories:**

Legend insert, rectangular without legend: 5.70.630.000/2000

For assembly, press the lens as far as possible.