



Front dimensions: 25 x 25 mm  
Panel cut-out: Ø 16.2 mm  
Front bezel height: 7.5 mm  
Travel: 3 mm



 Product configurator



OKTRON



## Overview OKTRON series




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02 Emergency Stop Buttons	page 24	08 Acoustic Buzzers	page 30
03 Mushroom Heads	page 25	09 Pilot Lights	page 32
04 Knob Set for Potentiometers	page 26		
05 Selector Heads	page 26	<b>Contact Blocks / Lampholders</b>	page 408
06 Toggle Heads	page 27		


## Housing Colours

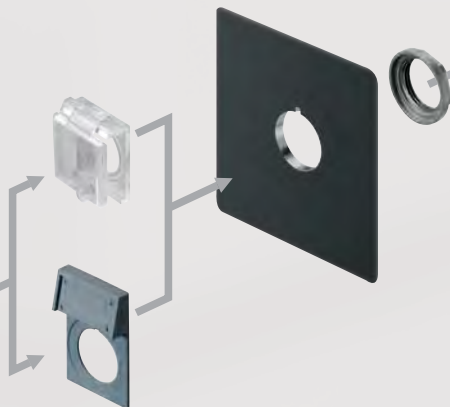
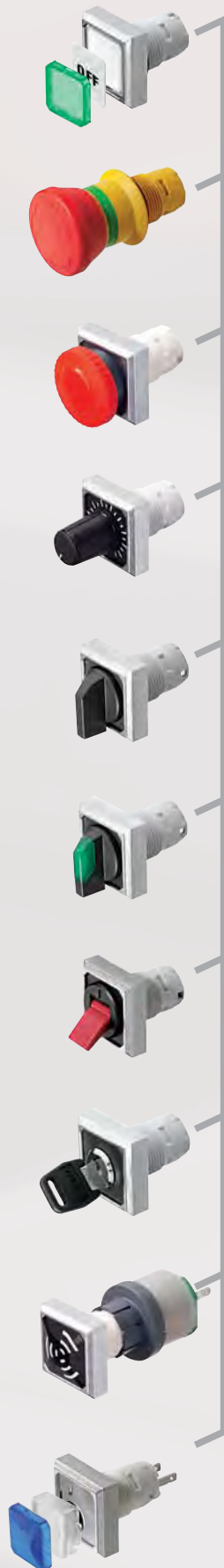


**IP65** degree of protection

**3 mm** operating travel

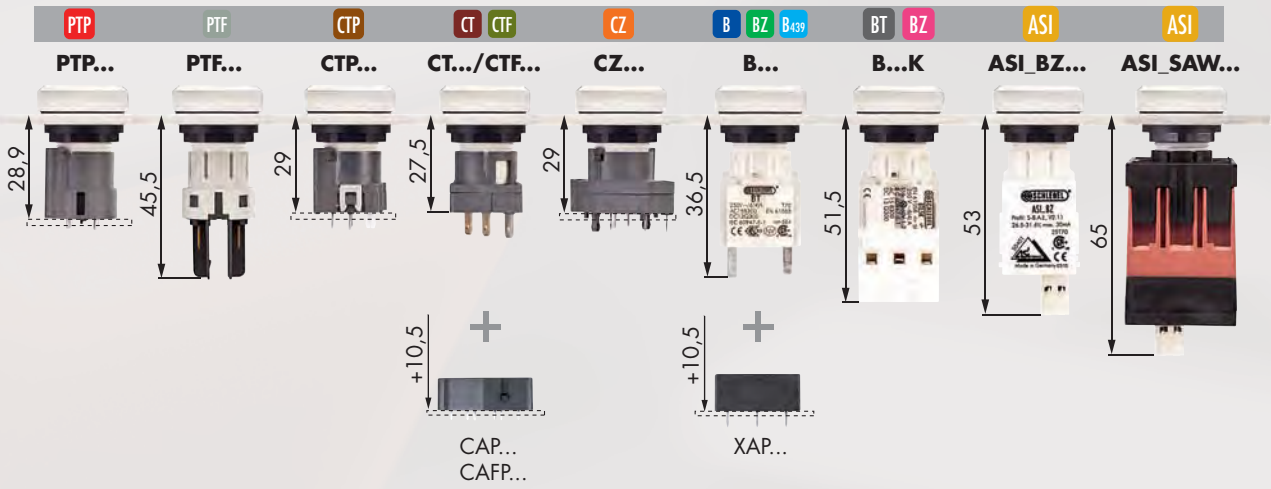
 illuminating option

 labelling option



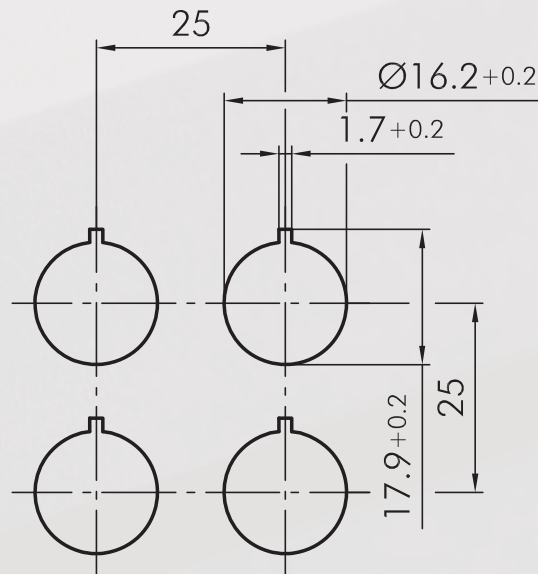
- CT**  
CT...  
Contact Blocks  
Faston terminals  
**page 490**
- CZ**  
CZ...  
Contact Blocks  
PCB-mount terminals  
**page 482**
- CTP**  
CTP...  
Contact Blocks  
PCB-mount terminals  
**page 468**
- CTF**  
CTF...  
Contact Blocks  
Faston terminals  
**page 474**
- PTP**  
PT...  
Contact Blocks  
PCB-mount terminals  
**page 496**
- PTF**  
PT...  
Contact Blocks  
Faston terminals  
**page 500**
- B**  
**BZ**  
B...  
Contact Blocks  
Faston terminals  
**page 428**
- BT**  
**BZ**  
B...  
Contact Blocks  
Screw connections  
**page 436**
- ASI**  
ASI...  
Contact Blocks  
for AS-Interface  
**page 534**
- ASI**  
ASI...  
Contact Blocks  
for AS-Interface  
Safety @ Work  
**page 540**

## Mounting Depth Dimensions

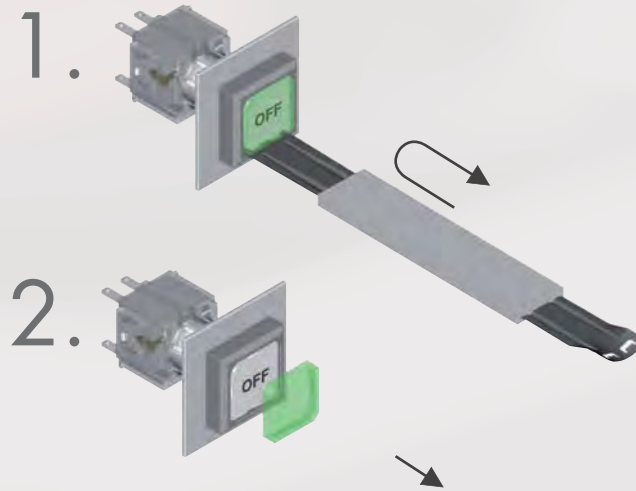


## Cutout Dimensions

Min. mounting grid 25 x 38 mm when using external nameplate holders.



## Mounting and Service Instructions





## Pushbutton Heads

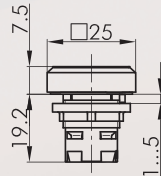
Lenses and nameplates to be ordered separately

Illustration

Dimensions

Description

Type



### Pushbutton Head

suitable contact blocks

**BUS ASI AZ B BF BZ BZ B439 CT CTF CTP CZ**

front bezel

charcoal

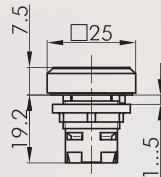


silver-coloured



**OKT**

**OKTM**



### Pushbutton Head

The light is concentrated to the border of the lens.

suitable contact blocks

**BUS ASI AZ B BF BZ BZ B439 CT CTF CTP CZ**

front bezel

charcoal

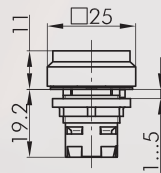


silver-coloured



**OKTLL**

**OKTLLM**



### Pushbutton Head with high front bezel

suitable contact blocks

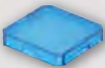
**BUS ASI AZ B BF BZ BZ B439 CT CTF CTP CZ**

front bezel

charcoal



**OKH**



### Flat Lens, transparent

colour

blue



**TOKFBL**

yellow



**TOKFGB**

green



**TOKFGN**

clear



**TOKFKL**

red



**TOKFRT**

opalwhite



**TOKFWS**



### Flat Lens, non-transparent

used in pushbuttons without inscription and illumination

colour

charcoal



**TOKFGDG**

blue



**TOKFGBL**

yellow



**TOKFGGB**

green



**TOKFGGN**

black



**TOKFGSW**

red

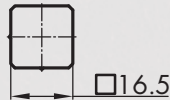


**TOKFGRT**

white



**TOKFGWS**



### Nameplate with standard imprint

please specify index number (see nameplates on pages 404)

**BSOK...**




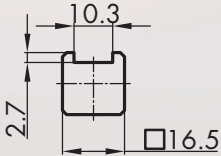

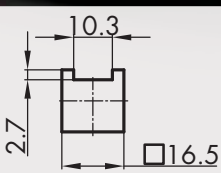

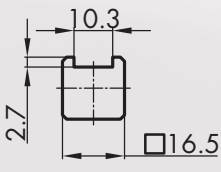


### Nameplate with special imprint

according to customer's specification

**BSOKB**

## Accessories for Actuators

Illustration	Dimensions	Description	Type
		<b>Blank Nameplate</b>	<b>BSOKU</b>
		<b>Nameplate with standard imprint</b> Please specify index number (see nameplates on pages 404)	<b>BSOKLL...</b>
		<b>Nameplate with special imprint</b> according to customer's specification	<b>BSOKLLB</b>
		<b>Blank Nameplate</b>	<b>BSOKLLU</b>



## Emergency Stops

About Us

Control Units

Actuators

Panel Mount Jocks

Bus Technology


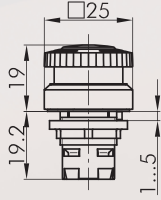
Enclosures


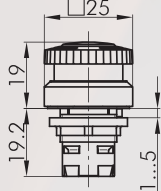
Terminal Blocks


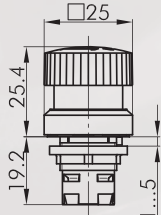

Pedal Switches


Limit Switches

Type Index

Illustration	Dimensions	Description	Type
		<p><b>Emergency-stop Head</b></p> <p>Other mushroom colours on request</p> <p>foolproof No</p> <p>switching position indicator No</p> <p>anti-lock collar No</p> <p>release twist right or left</p> <p>suitable contact blocks</p> <p>AZ BZ BZ PTP PTF</p> <p>mushroom head red</p> <p>front bezel yellow</p>	<b>OKVGB</b>

		<p><b>Emergency-stop Head with illuminating and labelling option</b></p> <p>including blank nameplate (inscription on request)</p> <p>foolproof No</p> <p>switching position indicator No</p> <p>anti-lock collar No</p> <p>release twist right or left</p> <p>suitable contact blocks</p> <p>AZ BZ BZ</p> <p>mushroom head red</p> <p>front bezel yellow</p>	<b>OKVLGB</b>
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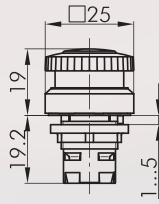

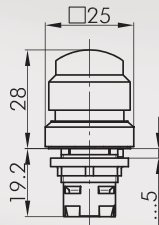
		<p><b>Emergency-stop Head</b></p> <p>foolproof Yes</p> <p>switching position indicator No</p> <p>anti-lock collar No</p> <p>release twist right or left</p> <p>Standard EN 60947-5-1, EN 60947-5-5, EN ISO 13850</p> <p></p> <p>suitable contact blocks</p> <p>AZ BZ BZ PTP PTF</p> <p>mushroom head red</p> <p>front bezel yellow</p>	<b>OKUVGB</b>
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**For further emergency stops, please refer to the chapter "Emergency-stop Heads" starting on page 366**

The emergency-stop heads can also be supplied as latching mushroom heads with mushrooms in different colours.

## Mushroom Heads

Illustration	Dimensions	Description	Type
 <p>IP65 3 mm ☀️</p>		<p><b>Mushroom Head, momentary</b>                      other mushroom colours on request                      switching position indicator No                      anti-lock collar No</p> <p>suitable contact blocks  <b>BUS AZ B BF BZ BZ B439 CT CTF CTP CZ</b></p> <p>mushroom head red                      front bezel charcoal                      silver-coloured</p>	<p><b>OKS</b> <b>OKSM</b></p>
 <p>IP65 3 mm</p>		<p><b>Pushbutton Head, latch-type</b>                      red knob, momentary function on the left, latching/switching function on the right. Other mushroom colours on request                      switching position indicator No                      anti-lock collar No</p> <p>suitable contact blocks  <b>BUS AZ B BF BZ BZ B439 CT CTF CTP CZ</b></p> <p>mushroom head red                      front bezel red                      silver-coloured</p>	<p><b>OKTV</b> <b>OKTVM</b></p>

**Knob Set for potentiometers  
Selector Switches (momentary/maintained)**

⊐ = Switching position  
⊑ = Spring return

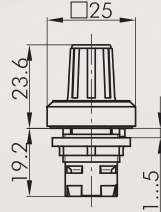
Illustration

Dimensions

Description

Type

IP65



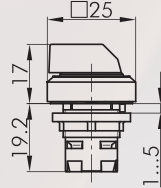
**Knob Set for potentiometers**

for potentiometers of 6 mm shaft dia. and thread M10x0.75. Delivery without potentiometer. Shaft length: approx. 32 mm

front bezel	charcoal	
	silver-coloured	

**OKR**  
**OKRM**

IP65



**Selector Head, maintained**

suitable contact blocks

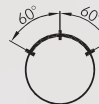
<b>BUS</b>	<b>ASI</b>	<b>AZ</b>	<b>B</b>	<b>BF</b>	<b>BZ</b>	<b>BZ</b>	<b>B439</b>	<b>CT</b>	<b>CTF</b>	<b>CTP</b>	<b>CZ</b>	
front bezel	charcoal											
	silver-coloured											



**OKWA**  
**OKWAM**

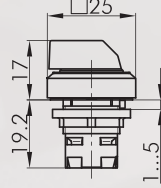
suitable contact blocks

<b>ASI</b>	<b>AZ</b>	<b>BZ</b>	<b>BZ</b>	<b>B439</b>	<b>CT</b>	<b>CZ</b>	
front bezel	charcoal						
	silver-coloured						



**OKWB**  
**OKWBM**

IP65



**Selector Head, momentary**

suitable contact blocks

<b>BUS</b>	<b>ASI</b>	<b>AZ</b>	<b>B</b>	<b>BF</b>	<b>BZ</b>	<b>BZ</b>	<b>B439</b>	<b>CT</b>	<b>CTF</b>	<b>CTP</b>	<b>CZ</b>	
front bezel	charcoal											
	silver-coloured											



**OKSTA**  
**OKSTAM**

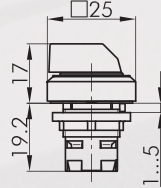
suitable contact blocks

<b>ASI</b>	<b>AZ</b>	<b>BZ</b>	<b>BZ</b>	<b>B439</b>	<b>CT</b>	<b>CZ</b>	
front bezel	charcoal						
	silver-coloured						



**OKSTB**  
**OKSTBM**

IP65



**Selector Head, left maintained, right momentary**

suitable contact blocks

<b>ASI</b>	<b>AZ</b>	<b>BZ</b>	<b>BZ</b>	<b>B439</b>	<b>CT</b>	<b>CZ</b>	
front bezel	charcoal						
	silver-coloured						



**OKWC**  
**OKWCM**



**Selector Switches (momentary/maintained)  
Toggle Heads**

I = Switching position  
> = Spring return

About Us

Control Units  
→ Actuators

Panel Mount Jacks

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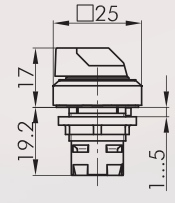





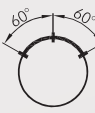

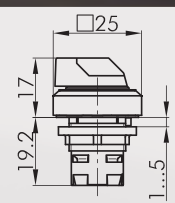







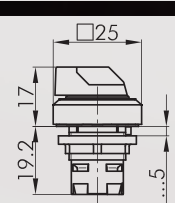




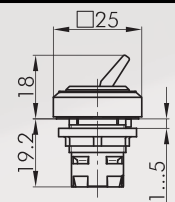


Enclosures

Terminal Blocks

Pedal Switches

Limit Switches

Type Index

Illustration	Dimensions	Description	Type
		<p><b>Illuminated Selector Head, maintained</b> Knob available in blue-BL, yellow-GB, clear-KL, green-GN, red-RT (e.g. OKWAL_GN)</p> <p>suitable contact blocks  <b>BUS ASI AZ B BF BZ BZ B439 CT CTF CTP CZ</b></p> <p>front bezel charcoal   silver-coloured </p> <p>suitable contact blocks  <b>ASI AZ BZ BZ B439 CT CZ</b></p> <p>front bezel charcoal   silver-coloured </p>	<p><b>OKWAL...</b> <b>OKWALM...</b></p>  <p><b>OKWBL...</b> <b>OKWBLM...</b></p> 
		<p><b>Illuminated Selector Head, momentary</b> Knob available in blue-BL, yellow-GB, clear-KL, green-GN, red-RT (e.g. OKSTAL_GN)</p> <p>suitable contact blocks  <b>BUS ASI AZ B BF BZ BZ B439 CT CTF CTP CZ</b></p> <p>front bezel charcoal   silver-coloured </p> <p>suitable contact blocks  <b>ASI AZ BZ BZ B439 CT CZ</b></p> <p>front bezel charcoal   silver-coloured </p>	<p><b>OKSTAL...</b> <b>OKSTALM...</b></p>  <p><b>OKSTBL...</b> <b>OKSTBLM...</b></p> 
		<p><b>Illuminated Selector Head, left maintained, right momentary</b> Knob available in blue-BL, yellow-GB, clear-KL, green-GN, red-RT (e.g. OKWCL_GN)</p> <p>suitable contact blocks  <b>ASI AZ BZ BZ B439 CT CZ</b></p> <p>front bezel charcoal   silver-coloured </p>	<p><b>OKWCL...</b> <b>OKWCLM...</b></p> 
		<p><b>Toggle Head</b> red toggle (other colours on request)</p> <p>suitable contact blocks  <b>BUS AZ B BF BZ BZ B439 CT CTF CTP CZ</b></p> <p>front bezel charcoal   silver-coloured </p>	<p><b>OKK_RT</b> <b>OKKM_RT</b></p>

## Key Switches (momentary/maintained)

- I = Switching position
- > = Spring return
- = Key removable position

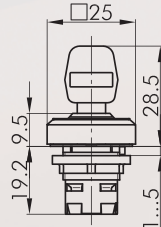
Illustration

Dimensions

Description

Type

IP65



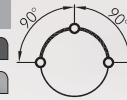
### Key Actuator, maintained

including two keys  
other lock types on request

suitable contact blocks

ASI AZ BZ BZ B439 CT CZ

front bezel charcoal silver-coloured

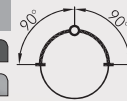


**OKSSA12**  
**OKSSMA12**

suitable contact blocks

ASI AZ BZ BZ B439 CT CZ

front bezel charcoal silver-coloured

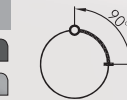


**OKSSA13**  
**OKSSMA13**

suitable contact blocks

ASI AZ B BF BZ BZ B439 CT CTF CTP CZ

front bezel charcoal silver-coloured



**OKSSA14**  
**OKSSMA14**

suitable contact blocks

ASI AZ B BF BZ BZ B439 CT CTF CTP CZ

front bezel charcoal silver-coloured



**OKSSA15**  
**OKSSMA15**

suitable contact blocks

ASI AZ B BF BZ BZ B439 CT CTF CTP CZ

front bezel charcoal silver-coloured



**OKSSA16**  
**OKSSMA16**

suitable contact blocks

ASI AZ B BF BZ BZ B439 CT CTF CTP CZ

front bezel charcoal silver-coloured



**OKSSA17**  
**OKSSMA17**

suitable contact blocks

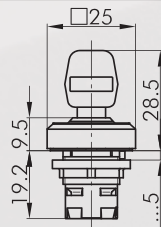
ASI AZ B BF BZ BZ B439 CT CTF CTP CZ

front bezel charcoal silver-coloured



**OKSSA18**  
**OKSSMA18**

IP65



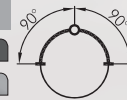
### Key Actuator, maintained

including 3 keys:  
1st key: two-way operation  
2nd key: operation to the left only  
3rd key: operation to the right only

suitable contact blocks

ASI AZ BZ BZ B439 CT CZ


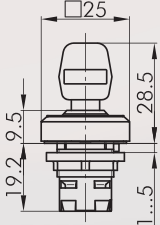


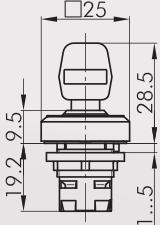


front bezel charcoal silver-coloured



**OKSSA31**  
**OKSSMA31**

## Key Switches (momentary/maintained)

- I = Switching position
- > = Spring return
- = Key removable position

Illustration	Dimensions	Description	Type
		<b>Key Actuator, momentary</b> including two keys, other lock types on request suitable contact blocks ASI AZ BZ BZ B439 CT CZ	
		front bezel charcoal silver-coloured	
		<b>Key Actuator, left maintained, right momentary</b> suitable contact blocks ASI AZ B BF BZ BZ B439 CT CZ	
		front bezel charcoal silver-coloured	
		<b>Standard Spare Keys</b> standard spare key, specify key number for special locks	<b>ESMIC482</b>



## Buzzers

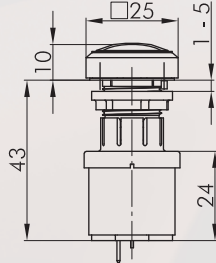
Illustration

Dimensions

Description

Type

IP65

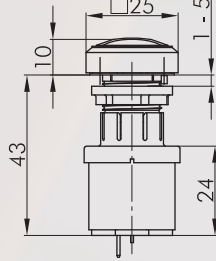


### Buzzer

operating voltage: 12 ... 24V AC/DC  
 operating current: max. 30mA  
 signal frequency: 3.5 +/- 0.5 Hz  
 volume: max. 85 db (10cm, 24V)  
 max. 75 db (10cm, 12V)  
 operating temperature: -20°C ... 60°C  
 front bezel charcoal  
 silver-coloured

**OKNSG+SG-24V**  
**OKNMSG+SG-24V**

IP65

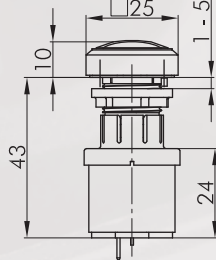


### Interval Buzzer

operating voltage: 12 ... 24V AC/DC  
 operating current: max. 30mA  
 signal frequency: 3.5 +/- 0.5 Hz  
 volume: max. 85 db (10cm, 24V)  
 max. 75 db (10cm, 12V)  
 interval: 1 s  
 operating temperature: -20°C ... 60°C  
 front bezel charcoal  
 silver-coloured

**OKNSG+SGL-24V**  
**OKNMSG+SGL-24V**

IP65

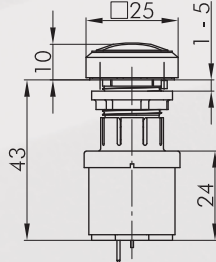


### Illuminated Buzzer

operating voltage: 12 ... 24V AC/DC  
 operating current: approx. 30mA  
 signal frequency: 3.5 +/- 0.5 Hz  
 volume: max. 85 db (10cm, 24V)  
 max. 75 db (10cm, 12V)  
 operating temperature: -20°C ... 60°C  
 front bezel charcoal  
 silver-coloured

**OKNSGL+SGLR-24V**  
**OKNMSG+SGLR-24V**

IP65



### Illuminated Interval Buzzer

operating voltage: 12 ... 24V AC/DC  
 operating current: approx. 30mA  
 signal frequency: 3.5 +/- 0.5 Hz  
 volume: max. 85 db (10cm, 24V)  
 max. 75 db (10cm, 12V)  
 interval: 1 s  
 operating temperature: -20°C ... 60°C  
 front bezel charcoal  
 silver-coloured

**OKNSGL+SGLR-24V**  
**OKNMSG+SGLR-24V**



### Faston Clamp 2.8 x 0.8 mm with snap-in pin

**FH2,8**

Cross section 0.75 - 1.50 mm<sup>2</sup>, tin-plated brass, with pin to snapfit into the sockets XA, XAL and the insulating case IH2.8




### Insulating Case

**IH2,8**

for Faston clamp FH2,8, slip on from the front

## Accessories for Contact blocks

Illustration	Dimensions	Description	Type
		<b>Double Faston</b> for the connection of 2 Faston clamps FH2.8	<b>FD2,8</b>

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## Pilot Lights

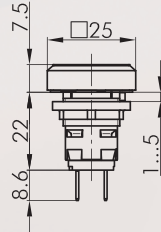
Lenses and nameplates to be ordered separately

Illustration

Dimensions

Description

Type



### Pilot Light with Faston Terminals 2.8x0.8 mm

W2x4.6d socket

front bezel

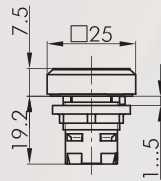
charcoal

silver-coloured



**OKL4**

**OKL4M**



### Pilot Light Head

suitable lampholders

ASI B BF CT CTF CTP CZ

front bezel

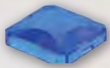
charcoal

silver-coloured



**OKN**

**OKNM**



### Convex Lens, transparent

colour

blue

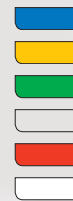
yellow

green

clear

red

white



**KOKFBL**

**KOKFGB**

**KOKFGN**

**KOKFKL**

**KOKFRT**

**KOKFWS**



### Nameplate with standard imprint

please specify index number (see nameplates on pages 404)

**BSOK...**



### Nameplate with special imprint

according to customer's specification

**BSOKB**




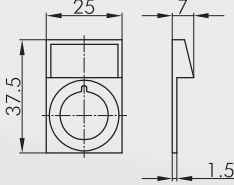




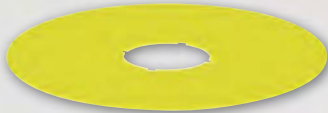






### Blank Nameplate

**BSOKU**



## Accessories for Actuators

Illustration	Dimensions	Description	Type
		<b>Hexagonal Mounting Tool</b> with torque limitation, for the series OKTRON, OKTRON-JUWEL, OKTRON-R, RONTRON-R-JUWEL, RONTRON-Q-JUWEL, QUARTRON, QUARTRON-JUWEL, RX-JUWEL	<b>S16</b>
		<b>Mounting Tool Adapter with 1/4" connections</b> for mounting tools S16 and S22	<b>SRA</b>
		<b>External Nameplate Holder</b> for outside marking of the actuators of the QUARTRON and OKTRON series, accepts self-adhesive nameplates colour charcoal  colour silver-coloured 	<b>QXABT</b> <b>QXABT_M</b>
		<b>Self-adhesive Nameplate laser-printed</b> Inscription according to customer's specification Dimensions: 22 x 11 mm	<b>BZ16L</b>
		<b>Self-adhesive Nameplate blank</b> Dimensions: 22 x 11 mm	<b>BZ16U</b>
		<b>Self-adhesive Nameplate with standard imprint</b> Please specify index no. (see nameplates on page 404) Dimensions: 22 x 11 mm	<b>BZ16B...</b>
		<b>Yellow Nameplate</b> self-adhesive PVC foil printing on request outer dia. 60 mm for mounting dia. 16 mm colour yellow 	<b>NAS_16</b>
		<b>Yellow Nameplate with quadrilingual imprint</b> self-adhesive PVC foil outer dia. 60 mm for mounting dia. 16 mm colour yellow 	<b>NAS_16_548</b>
		<b>Lead-sealable Protective Lid</b> fits onto the pushbuttons of the OKTRON series	<b>KDOK</b>

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# Accessories OKTRON

made in germany



Ø 16.2 mm

## Accessories for Actuators

Illustration

Dimensions

Description

Type



**Universal Lens Remover**

**USK**

IP65



**Square Dummy**

to close unused mounting apertures  
colour charcoal



**Q16DG**

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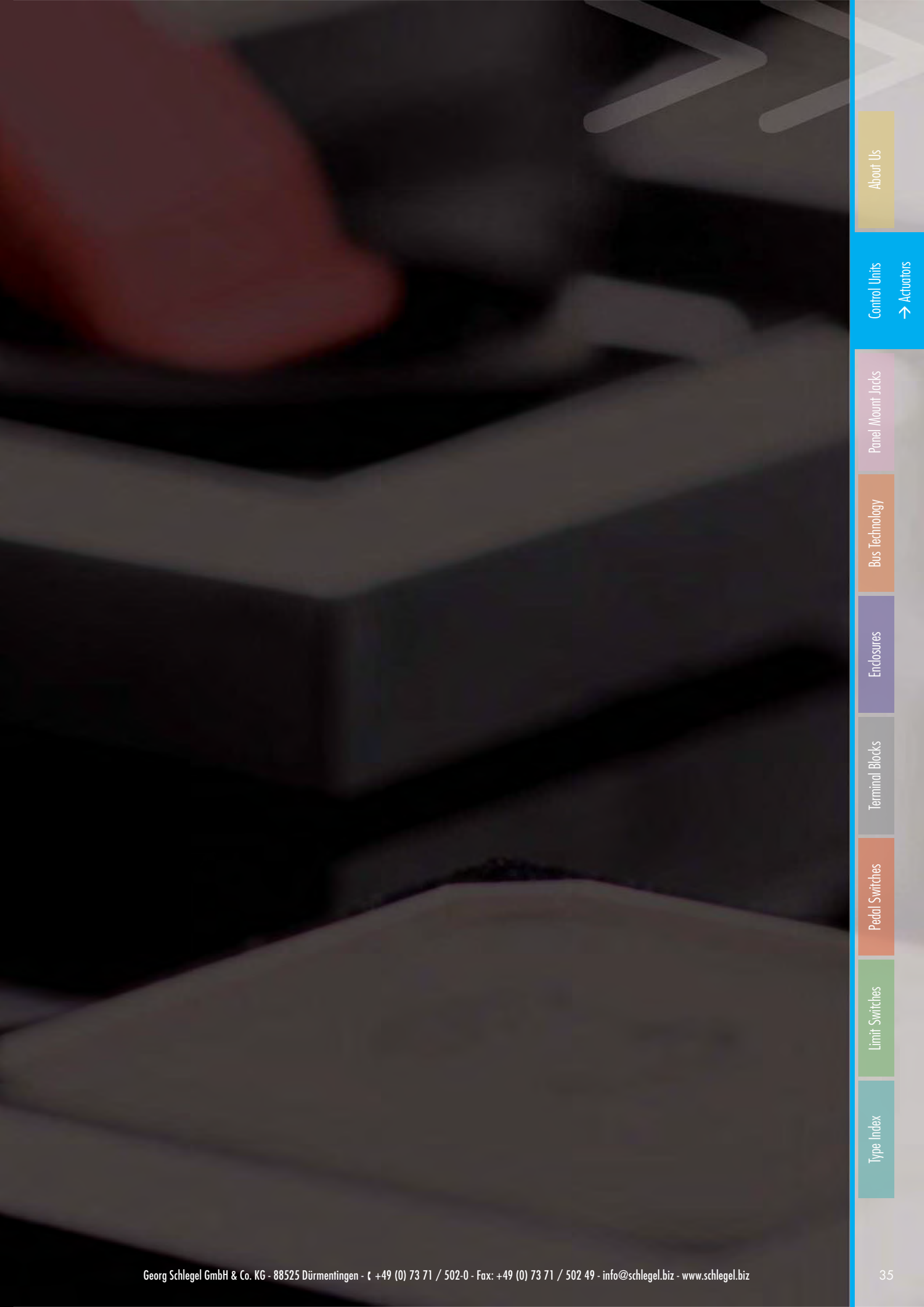
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