



Front dimensions: 25 x 25 mm  
Panel cut-out: 23.1 x 23.1 mm  
Front bezel height: 2 mm  
Travel: 3 mm



# OKTRONN-JUWEL





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**Contact Blocks / Lampholders** page 414



 degree of protection

 illuminating option

 operating travel

 labelling option



**CT**  
 CT...  
 Contact Blocks  
 Faston terminals  
**page 510**

**CZ**  
 CZ...  
 Contact Blocks  
 PCB-mount terminals  
**page 502**

**CTP**  
 CTP...  
 Contact Blocks  
 PCB-mount terminals  
**page 486**

**CTF**  
 CTF...  
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 Faston terminals  
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**PTP**  
 PTP...  
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**PTF**  
 PTF...  
 Contact Blocks  
 Faston terminals  
**page 518**

**B**  
**BZ**  
 B...  
 Contact Blocks  
 Faston terminals  
**page 434**

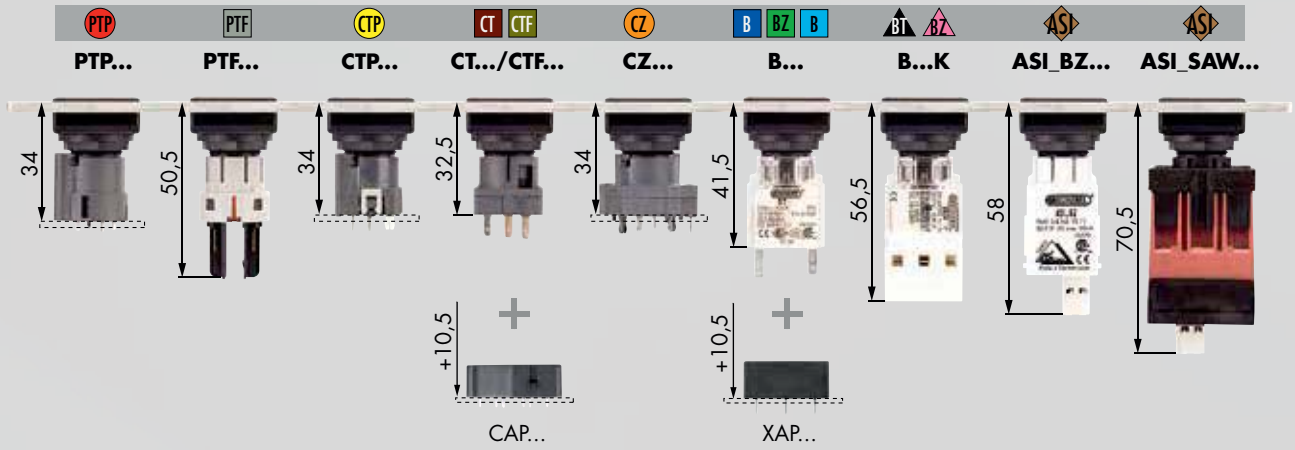
**BT**  
**BZ**  
 B...  
 Contact Blocks  
 Screw connections  
**page 476**

**AS**  
 ASI...  
 Contact Blocks  
 for AS-Interface  
**page 558**

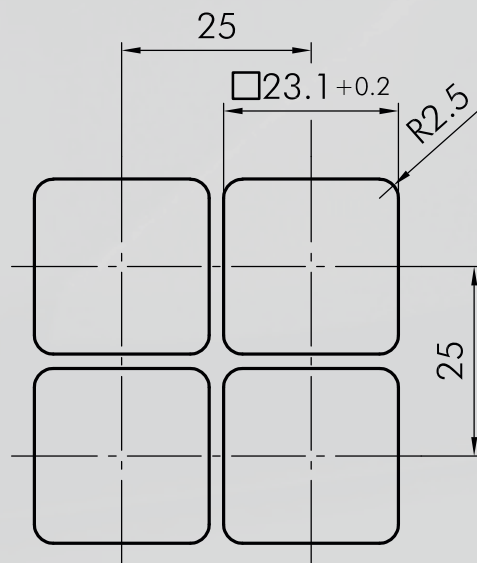
**AS**  
 ASI...  
 Contact Blocks  
 for AS-Interface  
 Safety @ Work  
**page 564**



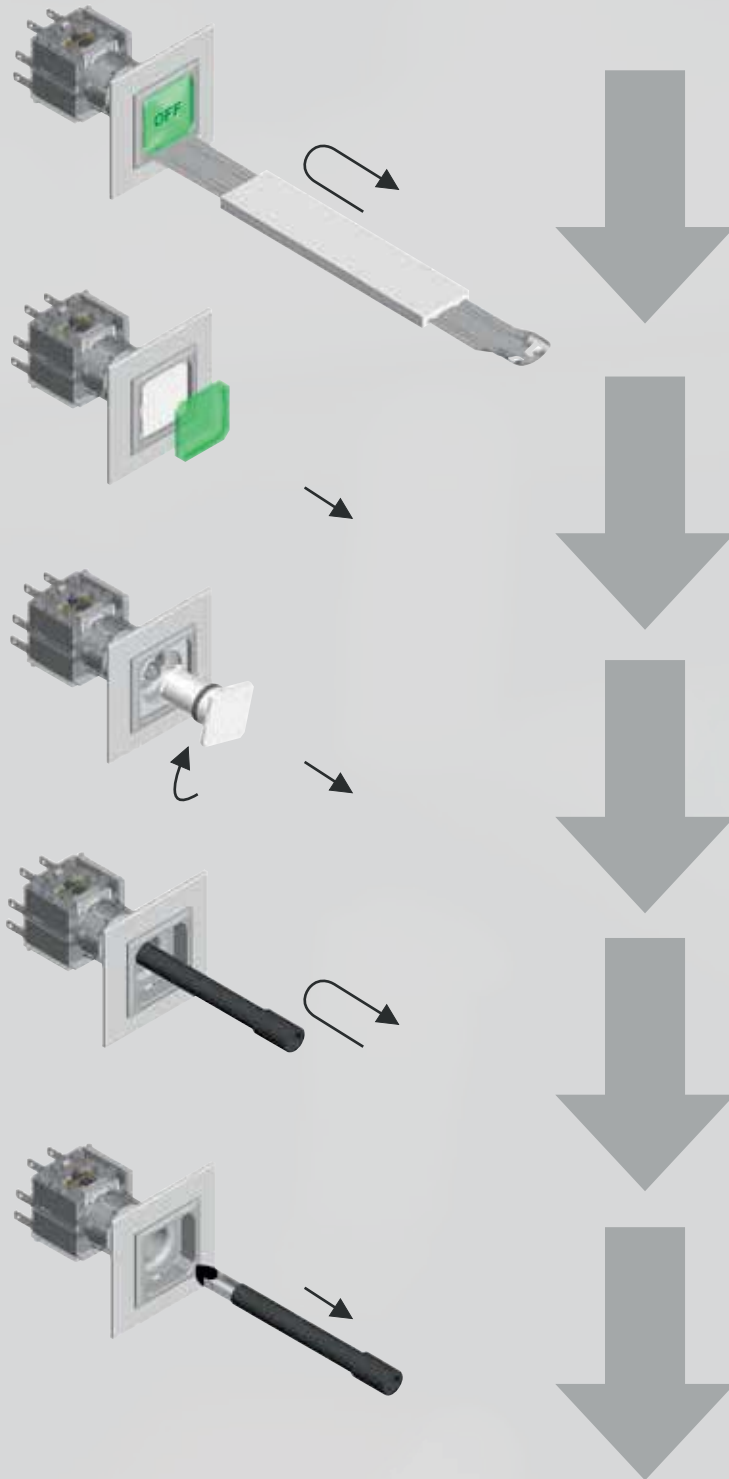
## Mounting Depth Dimensions



## Cutout Dimensions



## Mounting and Service Instructions



23 x 23 mm

## Pushbutton Heads (momentary/push-push)

Lenses and nameplates to be ordered separately

Illustration	Dimensions	Description	Type
		<b>Pushbutton Head</b> suitable contact blocks front bezel                      black	<b>OKJT</b>
		<b>Flat Lens, transparent</b> colour                      blue yellow green clear red white	<b>TOKJFBL</b> <b>TOKJFGB</b> <b>TOKJFGN</b> <b>TOKJFKL</b> <b>TOKJFRT</b> <b>TOKJFWS</b>
		<b>Nameplate</b> with standard imprint, please specify index number (see nameplates on pages 410)	<b>BSOKJ...</b>
		<b>Flat Lens, non-transparent</b> used in pushbuttons without inscription and illumination colour                      blue yellow green black red white	<b>TOKJFGBL</b> <b>TOKJFGGB</b> <b>TOKJFGGN</b> <b>TOKJFGSW</b> <b>TOKJFGRT</b> <b>TOKJFGWS</b>
		<b>Nameplate</b> with special imprint according to customer's specifications	<b>BSOKJB</b>
		<b>Blank Nameplate</b>	<b>BSOKJU</b>

## Emergency Stop Buttons

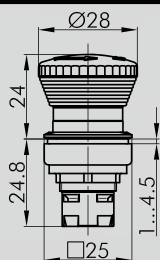
Illustration

Dimensions

Description

Type

IP65



### Emergency-stop Head

foolproof Yes  
 switching position indicator Yes  
 anti-lock collar No  
 release twist right or left  
 Standard EN 60947-5-1, EN 60947-5-5,  
 EN 60068, EN ISO 13850



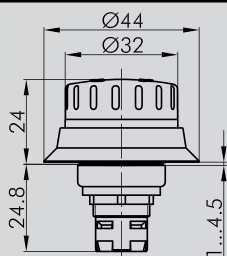
suitable contact blocks



mushroom head red  
 front bezel yellow

**OKJUV**

IP65



### Emergency-stop Head

foolproof Yes  
 switching position indicator Yes  
 anti-lock collar Yes  
 release twist right or left  
 Standard EN 60947-5-1, EN 60947-5-5,  
 EN 60068, EN ISO 13850



suitable contact blocks



knob colour red  
 front bezel yellow

**OKJBUV**



**For further emergency stops, please refer to the chapter „Emergency-stop Heads“ starting on page 362**

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



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

⊥ = Switching position  
> = Spring return

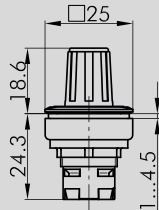
Illustration

Dimensions

Description

Type

IP65

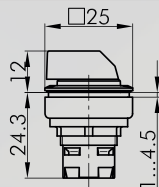


**Knob Set for potentiometers**

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

**OKJR**

IP65



**Selector Head, maintained**

suitable contact blocks



front bezel                      black

suitable contact blocks



front bezel                      black

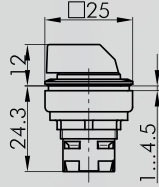


**OKJWA**



**OKJWB**

IP65



**Selector Head, momentary**

suitable contact blocks



front bezel                      black

suitable contact blocks



front bezel                      black

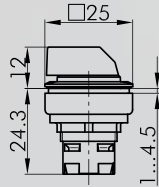


**OKJSTA**



**OKJSTB**

IP65



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

suitable contact blocks



front bezel                      black



**OKJWC**

## Selector Heads (momentary/maintained)

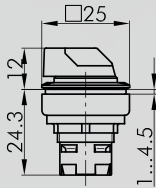
I = Switching position  
> = Spring return

Illustration

Dimensions

Description

Type



### Illuminated Selector Head, maintained

Knob available in blue-BL, yellow-GB, clear-KL, green-GN, red-RT (e.g. OKJWAL\_GN)

suitable contact blocks



front bezel black

suitable contact blocks

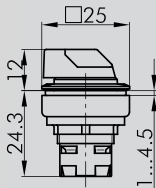


front bezel black



**OKJWAL...**

**OKJWBL...**



### Illuminated Selector Head, momentary

Knob available in blue-BL, yellow-GB, clear-KL, green-GN, red-RT (e.g. OKJSTAL\_GN)

suitable contact blocks

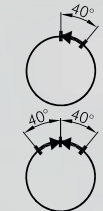


front bezel black

suitable contact blocks

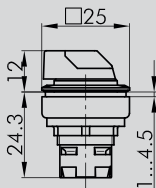


front bezel black



**OKJSTAL...**

**OKJSTBL...**



### Illuminated Selector Head, left maintained, right momentary

Knob available in blue-BL, yellow-GB, clear-KL, green-GN, red-RT (e.g. OKJWCL\_GN)

suitable contact blocks



front bezel black



**OKJWCL...**



### Selector Head for desert application, maintained

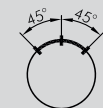
tested with Arizona grit

suitable contact blocks



knob colour black

front bezel black



**OKJWB\_514**

## Key Actuators (momentary/maintained)

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

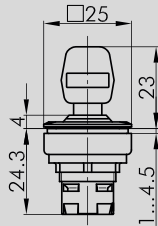
Illustration

Dimensions

Description

Type

IP65



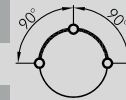
### Key Actuator, maintained

including two keys  
other lock types on request

suitable contact blocks



front bezel black

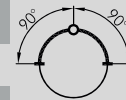


OKJSSA12

suitable contact blocks



front bezel black

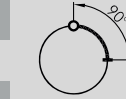


OKJSSA13

suitable contact blocks



front bezel black

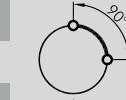


OKJSSA14

suitable contact blocks



front bezel black

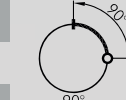


OKJSSA15

suitable contact blocks



front bezel black

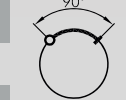


OKJSSA16

suitable contact blocks

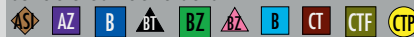


front bezel black



OKJSSA17

suitable contact blocks



front bezel black



OKJSSA18

suitable contact blocks

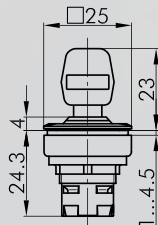


front bezel black



OKJSSA31

IP65



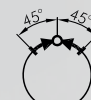
### Key Actuator, momentary

including two keys,  
other lock types on request

suitable contact blocks



front bezel black



OKJSSA23

suitable contact blocks



front bezel black



OKJSSA28

**Accessories for Actuators**

Illustration

Dimensions

Description

Type



**Standard Spare Keys**

standard spare key, specify key number for special locks

**ESMIC482**




- Accessories
- Central Units
- Bus Technology
- Lockboxes
- Limit Switches
- Product Literature
- Service Points

## Buzzers

Illustration	Dimensions	Description	Type
		<p><b>Buzzer</b></p> <p>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: black</p>	<b>OKJNSG+ SG-24V</b>
		<p><b>Interval Buzzer</b></p> <p>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: black</p>	<b>OKJNSG+ SGI-24V</b>
		<p><b>Illuminated Buzzer</b></p> <p>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: black</p>	<b>OKJNSGL+ SGLR-24V</b>
		<p><b>Illuminated Interval Buzzer</b></p> <p>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: black</p>	<b>OKJNSGL+ SGILR-24V</b>



## Accessories for Contact blocks

Illustration	Dimensions	Description	Type
		<b>Faston Clamp 2.8 x 0.8 mm with snap-in pin</b> Cross section 0.75 - 1.50 mm <sup>2</sup> , brass, with pin to snapfit into the socket XA, XAL and the insulating case IH2.8	<b>FH2,8</b>
		<b>Insulating Case</b> for Faston clamp FH2,8, slip on from the front	<b>IH2,8</b>
		<b>Double Faston</b> for the connection of 2 Faston clamps FH2.8	<b>FD2,8</b>








- Bus Technology
- Central Units
- Accessories
- Enclosures
- Terminal Switches
- Power Distribution
- Service Panels

## Pilot Light Heads/Pilot Lights

Lenses and nameplates to be ordered separately

Illustration	Dimensions	Description	Type
<p>IP65 Light bulb icon Pencil icon</p>	<p>25 27.1 8.6 1...4.5</p>	<p><b>Pilot Light with Faston terminals</b>  <b>2.8x0.8 mm</b>                  W2x4.6d socket                  front bezel                      black</p>	<b>OKJL4</b>
<p>IP65 Light bulb icon Pencil icon</p>	<p>25 24.3 1...4.5</p>	<p><b>Pilot Light Head</b>                  suitable lampholders                   front bezel                      black</p>	<b>OKJN</b>
		<p><b>Convex Lens, transparent</b>                  colour                      blue                                                      yellow                                                      green                                                      clear                                                      red                                                      white</p>	<p><b>KOKJFBL</b>  <b>KOKJFGB</b>  <b>KOKJFGN</b>  <b>KOKJFKL</b>  <b>KOKJFRT</b>  <b>KOKJFWS</b></p>
		<p><b>Flat Lens, transparent</b>                  colour                      blue                                                      yellow                                                      green                                                      clear                                                      red                                                      white</p>	<p><b>TOKJFBL</b>  <b>TOKJFGB</b>  <b>TOKJFGN</b>  <b>TOKJFKL</b>  <b>TOKJFRT</b>  <b>TOKJFWS</b></p>
		<p><b>Nameplate</b>                  with standard imprint, please specify index number (see nameplates on pages 410)</p>	<b>BSOKJ...</b>
		<p><b>Nameplate</b>                  with special imprint according to customer's specifications</p>	<b>BSOKJB</b>
		<p><b>Blank Nameplate</b></p>	<b>BSOKJU</b>

## 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-R-Exclusive, RONTRON-Q- JUWEL, RONTRON-Q-Exclusive, QUARTRON(-L), QUARTRON- JUWEL(-L), RX, RX-JUWEL	<b>S16</b>
		<b>Mounting Tool Adapter with 1/4" connections</b> for mounting tools S16 and S22	<b>SRA</b>
		<b>Yellow Nameplate</b> self-adhesive PVC foil printing on request outer dia. 60 mm for mounting aperture 23 x 23 mm colour yellow	<b>NAS_23</b>
		<b>Yellow Nameplate with quadrilingual imprint</b> self-adhesive PVC foil outer dia. 60 mm for mounting aperture 23 x 23 mm colour yellow	<b>NAS_23_548</b>
		<b>Lamp Remover</b>	<b>LZ-MG</b>
		<b>Universal Lens Remover</b>	<b>USK</b>
		<b>Dummy</b> to close unused mounting apertures colour black	<b>BVOKJ</b>

IP65