



Front dimensions:  $\varnothing$  25 mm  
Panel cut-out:  $\varnothing$  16 mm  
Front bezel height: 7 mm  
Travel: 3 mm





OKTRON-R





01 Pushbutton Heads	page 46	07 Key Actuators	page 52
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03 Mushroom Heads	page 49	09 Pilot Lights	page 56
04 Knob Set for Potentiometers	page 49		
05 Selector Heads	page 50		
06 Toggle Heads	page 51		
		<b>Contact Blocks / Lampholders</b>	page 414

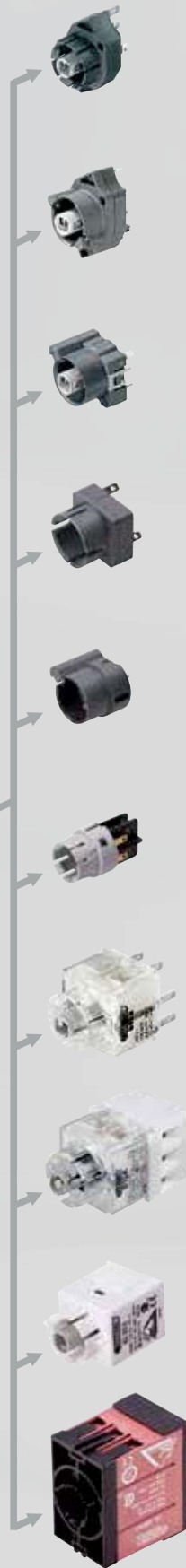
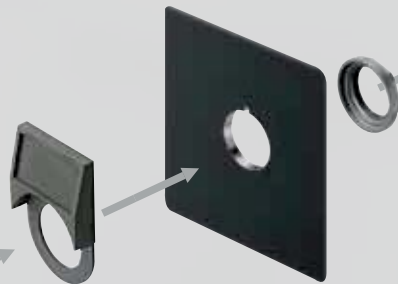












 degree of protection

 illuminating option

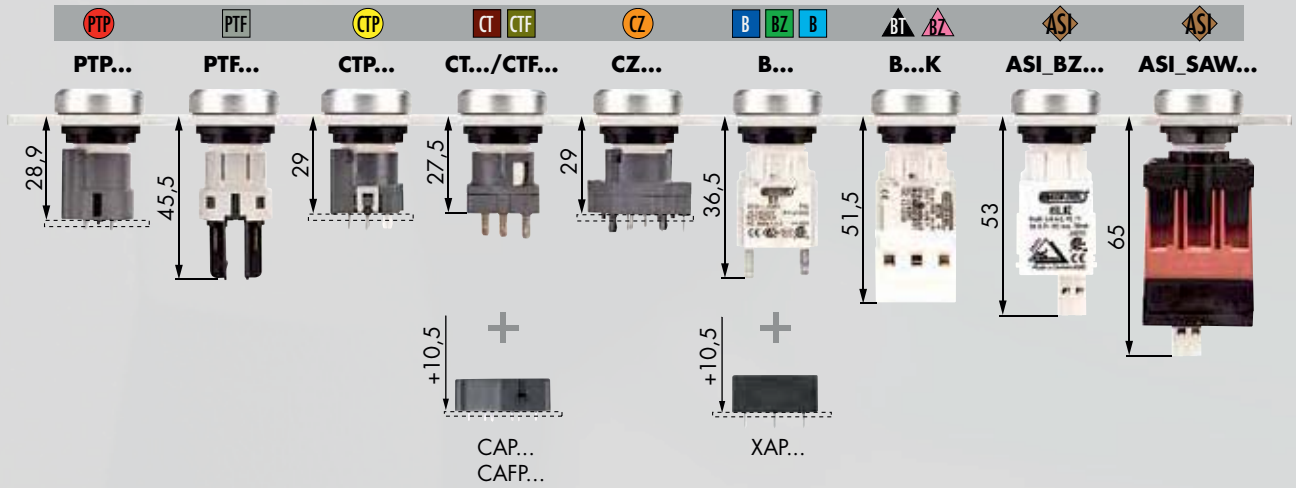
 operating travel

 labelling option



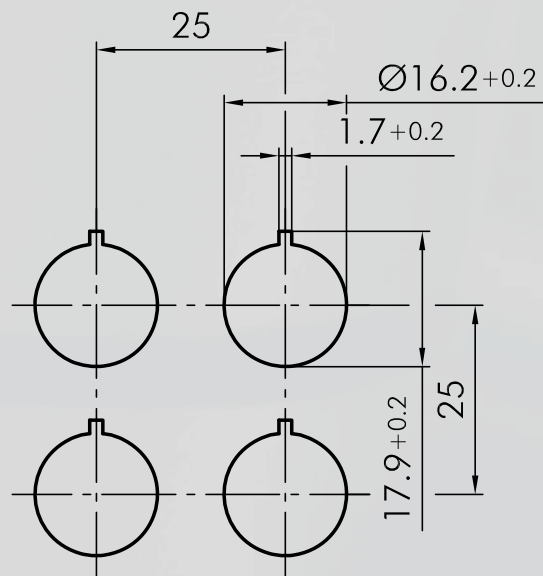
- 
**CT...**  
 Contact Blocks  
 Faston terminals  
**page 510**
- 
**CZ...**  
 Contact Blocks  
 PCB-mount terminals  
**page 502**
- 
**CTP...**  
 Contact Blocks  
 PCB-mount terminals  
**page 486**
- 
**CTF...**  
 Contact Blocks  
 Faston terminals  
**page 494**
- 
**PTP...**  
 Contact Blocks  
 PCB-mount terminals  
**page 518**
- 
**PTF...**  
 Contact Blocks  
 Faston terminals  
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- 
**B...**  
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 Faston terminals  
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- 
**BZ...**  
 Contact Blocks  
 Screw connections  
**page 476**
- 
**BI...**  
 Contact Blocks  
 for AS-Interface  
**page 558**
- 
**ASL...**  
 Contact Blocks  
 for AS-Interface  
 Safety @ Work  
**page 564**

## Mounting Depth Dimensions

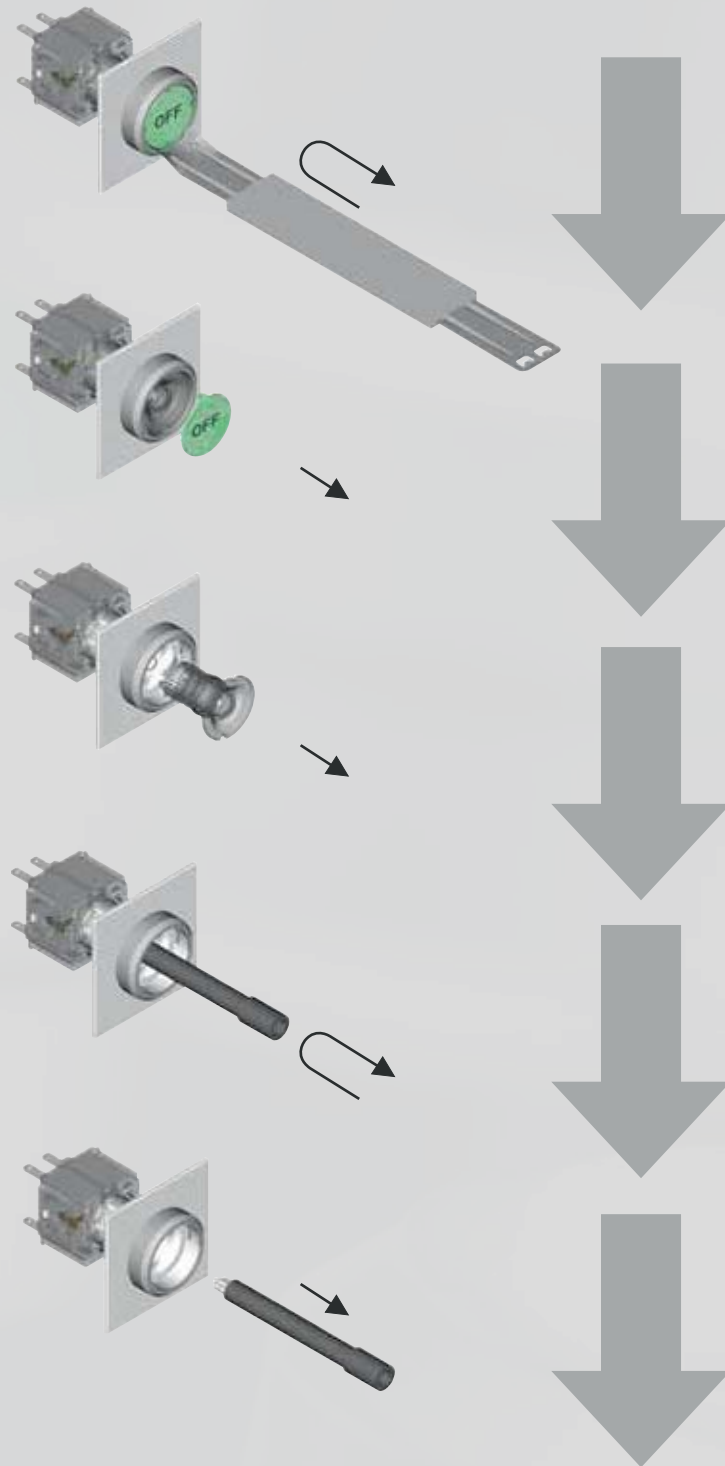


## Cutout Dimensions

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



## Mounting and Service Instructions


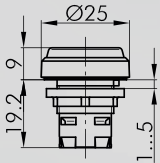


## Pushbutton Heads (momentary/push-push)

Lenses and nameplates to be ordered separately

Illustration	Dimensions	Description	Type
		<b>Pushbutton Head</b> suitable contact blocks  front bezel charcoal metallic	<b>RKT</b> <b>RKTM</b>
		<b>Flat Lens, transparent</b> colour blue yellow green clear red opalwhite	<b>T20FBL</b> <b>T20FGB</b> <b>T20FGN</b> <b>T20FKL</b> <b>T20FRT</b> <b>T20FWS</b>
		<b>Flat Lens, non-transparent</b> used in pushbuttons without inscription and illumination colour blue yellow green black red white	<b>T20FGBL</b> <b>T20FGGB</b> <b>T20FGGN</b> <b>T20FGSW</b> <b>T20FGRT</b> <b>T20FGWS</b>
		<b>Nameplate</b> with standard imprint, please specify index number (see nameplates on pages 410)	<b>BSRX...</b>
		<b>Nameplate</b> with special imprint according to customer's specifications	<b>BSRXB</b>
		<b>Blank Nameplate</b>	<b>BSRXU</b>
		<b>Sealing Cap</b> made of silicone rubber, down to -50°C	<b>TK26S</b>

**Pushbutton Heads (momentary/push-push)**

Illustration	Dimensions	Description	Type
 <p>IP67 3mm Light Stylus</p>		<p><b>Membrane Pushbutton Head</b> incl. white non-transparent lens (inscriptio on request) suitable contact blocks</p> <p>AZ B BZ B CT CTF CTP CZ</p> <p>front bezel                      black</p>	<b>RKTME</b>

- Order
- Accessories
- Central Units
- Accessories
- Bus Technology
- Pushbuttons
- Limit Switches
- Proximity Switches
- Terminal Modules



## Emergency Stop Buttons

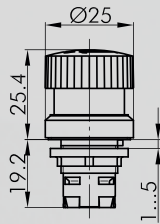
Illustration

Dimensions

Description

Type

IP65  
3mm



### Emergency-stop Head

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



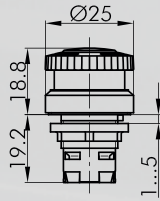
suitable contact blocks



mushroom head	red
front bezel	yellow

**RKUVGB**

IP65



### Emergency-stop Head

Other mushroom colours on request

foolproof	No
switching position indicator	No
anti-lock collar	No
release	twist right or left

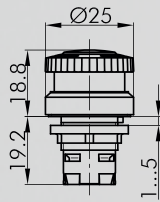
suitable contact blocks



mushroom head	red
front bezel	yellow

**RKVGB**

IP65



### Emergency-stop Head

incl. blank nameplate (inscription on request)

foolproof	No
switching position indicator	No
anti-lock collar	No
release	twist right or left

suitable contact blocks



mushroom head	red
front bezel	yellow

**RKVLGB**



**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.

**Mushroom Heads  
Knob Set for potentiometers**

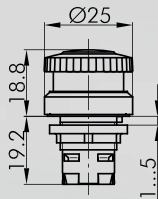
Illustration

Dimensions

Description

Type

IP65



**Mushroom Head, momentary**

Other mushroom colours on request  
switching position indicator No  
anti-lock collar No

suitable contact blocks

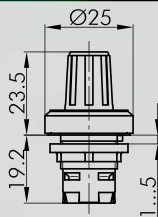


mushroom head red  
front bezel charcoal  
metallic

**RKS**

**RKSM**

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  
metallic

**RKR**

**RKRM**

## Selector Heads (momentary/maintained)

I = Switching position  
> = Spring return

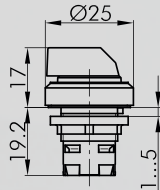
Illustration

Dimensions

Description

Type

IP65



### Selector Head, maintained

suitable contact blocks



front bezel charcoal  
metallic

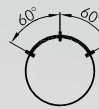


RKWA  
RKWAM

suitable contact blocks

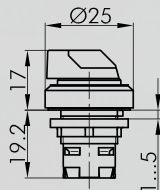


front bezel charcoal  
metallic



RKWB  
RKWBM

IP65



### Selector Head, momentary

suitable contact blocks



front bezel charcoal  
metallic



RKSTA  
RKSTAM

suitable contact blocks

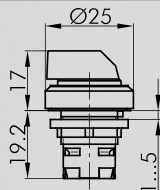


front bezel charcoal  
metallic



RKSTB  
RKSTBM

IP65

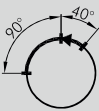


### Selector Head, left maintained, right momentary

suitable contact blocks

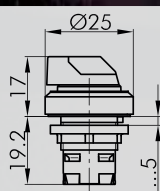


front bezel charcoal  
metallic



RKWC  
RKWCM

IP65



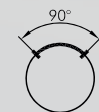
### Illuminated Selector Head, maintained

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

suitable contact blocks



front bezel charcoal  
metallic

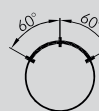


RKWAL...  
RKWALM...

suitable contact blocks



front bezel charcoal  
metallic



RKWBL...  
RKWBLM...

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

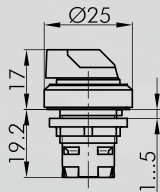
I = Switching position  
> = Spring return

Illustration

Dimensions

Description

Type



**Illuminated Selector Head, momentary**

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

suitable contact blocks



front bezel charcoal  
metallic

suitable contact blocks



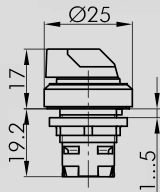
front bezel charcoal  
metallic



**RKSTAL...**  
**RKSTALM...**



**RKSTBL...**  
**RKSTBLM...**



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

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

suitable contact blocks



front bezel charcoal  
metallic



**RKWCL...**  
**RKWCLM...**



**Selector Head for desert application, maintained**

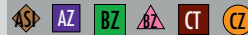
tested with coarse Arizona dust

suitable contact blocks



knob colour black  
front bezel black

suitable contact blocks



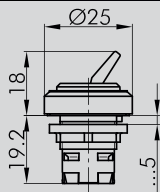
knob colour black  
front bezel black



**RKWA\_514**



**RKWB\_514**



**Toggle Head**

red toggle (other colours on request)

suitable contact blocks



front bezel charcoal  
metallic

**RKK\_RT**  
**RKKM\_RT**

## Key Actuators (momentary/maintained)

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

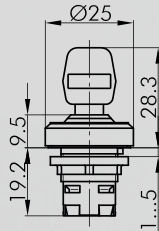
Illustration

Dimensions

Description

Type

IP65



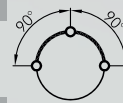
### Key Actuator, maintained

including two keys  
other lock types on request

suitable contact blocks



front bezel charcoal  
metallic

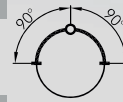


**RKSSA12**  
**RKSSMA12**

suitable contact blocks



front bezel charcoal  
metallic

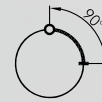


**RKSSA13**  
**RKSSMA13**

suitable contact blocks



front bezel charcoal  
metallic

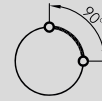


**RKSSA14**  
**RKSSMA14**

suitable contact blocks



front bezel charcoal  
metallic

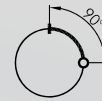


**RKSSA15**  
**RKSSMA15**

suitable contact blocks



front bezel charcoal  
metallic



**RKSSA16**  
**RKSSMA16**

suitable contact blocks



front bezel charcoal  
metallic



**RKSSA17**  
**RKSSMA17**

suitable contact blocks

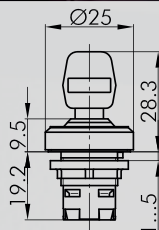


front bezel charcoal  
metallic



**RKSSA18**  
**RKSSMA18**

IP65



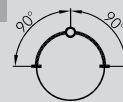
### Key Actuator, maintained (individually keyed)

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

suitable contact blocks



front bezel charcoal  
metallic



**RKSSA31**  
**RKSSMA31**

**Key Actuators (momentary/maintained)  
Accessories for Actuators**

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

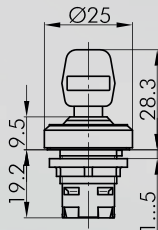
Illustration

Dimensions

Description

Type

IP65



**Key Actuator, momentary**

including two keys  
other lock types on request

suitable contact blocks



front bezel charcoal  
metallic



**RKSSA23  
RKSSMA23**

suitable contact blocks

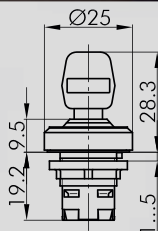


front bezel charcoal  
metallic



**RKSSA28  
RKSSMA28**

IP65



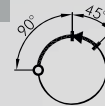
**Key Actuator, left maintained, right momentary**

including two keys  
other lock types on request

suitable contact blocks



front bezel charcoal  
metallic



**RKSSA25  
RKSSMA25**



**Standard Spare Keys**




standard spare key, specify key number for special locks

**ESMIC482**

## 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. 90 db (10cm, 24V)                      max. 80 db (10cm, 12V)</p> <p>operating temperature: -20°C ... 60°C                      front bezel: charcoal                      metallic</p>	<p><b>RKNSG+SG-24V</b>  <b>RKNMSG+SG-24V</b></p>
		<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. 90 db (10cm, 24V)                      max. 80 db (10cm, 12V)</p> <p>interval: 1 s                      operating temperature: -20°C ... 60°C                      front bezel: charcoal                      metallic</p>	<p><b>RKNSG+SIGI-24V</b>  <b>RKNMSG+SIGI-24V</b></p>
		<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. 90 db (10cm, 24V)                      max. 80 db (10cm, 12V)</p> <p>operating temperature: -20°C ... 60°C                      front bezel: charcoal                      metallic</p>	<p><b>RKNSGL+SGLR-24V</b>  <b>RKNMSGL+SGLR-24V</b></p>
		<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. 90 db (10cm, 24V)                      max. 80 db (10cm, 12V)</p> <p>interval: 1 s                      operating temperature: -20°C ... 60°C                      front bezel: charcoal                      metallic</p>	<p><b>RKNSGL+SGLR-24V</b>  <b>RKNMSGL+SGLR-24V</b></p>

**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>

- Order
- Accessories
- Central Units
- Accessories
- Bus Technology
- Faston
- Limit Switches
- Product Guide
- Terminal Blocks



## Pilot Light Heads/Pilot Lights

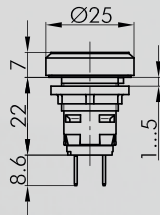
Lenses and nameplates to be ordered separately

Illustration

Dimensions

Description

Type



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

W2x4.6d socket

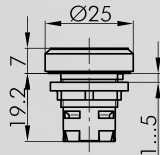
front bezel

charcoal

metallic

**RKL4**

**RKL4M**



### Pilot Light Head

suitable lampholders



front bezel

charcoal

metallic

**RKN**

**RKNM**



### Hemispherical Lens

colour

blue

yellow

green

clear

red

opalwhite

**KH20BL**

**KH20GB**

**KH20GN**

**KH20KL**

**KH20RT**

**KH20WS**



### Flat Lens, transparent

colour

blue

yellow

green

clear

red

opalwhite

**T20FBL**

**T20FGB**

**T20FGN**

**T20FKL**

**T20FRT**

**T20FWS**



### Nameplate

with standard imprint, please specify index number (see nameplates on pages 410)

**BSRX...**

### Nameplate

with special imprint according to customer's specifications




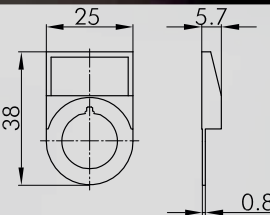


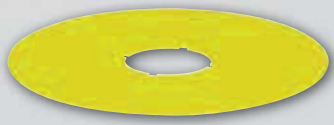
**BSRXB**



### Blank Nameplate

**BSRXU**



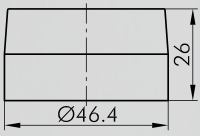



**Accessories for Actuators**

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>External Nameplate Holder</b> for outside marking of the actuators of the OKTRON-R series, accepts self-adhesive nameplates  colour charcoal	<b>RKABT</b>
		<b>Self-adhesive Nameplate - laser-printed</b>  Inscription according to customer's specification Dimensions: 22 x 11 mm	<b>BZ16G</b>
		<b>Self-adhesive Nameplate - blank</b> Dimensions: 22 x 11 mm	<b>BZ16U</b>
		<b>Self-adhesive Nameplate</b> with standard inscription, please specify index no. (see nameplates) 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>

Order  
Accessories  
Central Units  
Bus Technology  
Pushbuttons  
Limit Switches  
Terminal Blocks

Ø 16 mm

## Accessories for Actuators

Illustration	Dimensions	Description	Type
		<p><b>Yellow Nameplate with quadrilingual imprint</b>                      self-adhesive PVC foil                      outer dia. 60 mm                      for mounting dia. 16 mm                      colour yellow</p>	<b>NAS_16_548</b>
		<p><b>Protective Shroud</b>                      for actuators of 16 mm mounting dia.                      colour yellow charcoal</p>	<b>QXSK QXSKDG</b>
		<b>Lamp Remover</b>	<b>LZ-MG</b>
		<b>Universal Lens Remover</b>	<b>USK</b>
<span style="background-color: #007bff; color: white; padding: 2px;">IP65</span>		<p><b>Round Dummy</b>                      to close unused mounting apertures                      colour charcoal</p>	<b>RX16</b>



- Product Portfolio
- Central Units
- Bus Technology
- Feedback
- Control Switches
- Product Portfolio
- Product Portfolio