



Front dimensions: Ø 28 mm
Panel cut-out: Ø 22.3 mm
Front bezel height: 2 mm
Travel: 3 mm




RONTRON-R-JUWEL





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Contact Blocks / Lampholders page 414

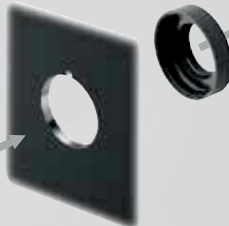



 degree of protection


 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
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CTF...
Contact Blocks
Faston terminals
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PTP...
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PCB-mount terminals
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PTF...
PT...
Contact Blocks
Faston terminals
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B...
Contact Blocks
Faston terminals
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- 

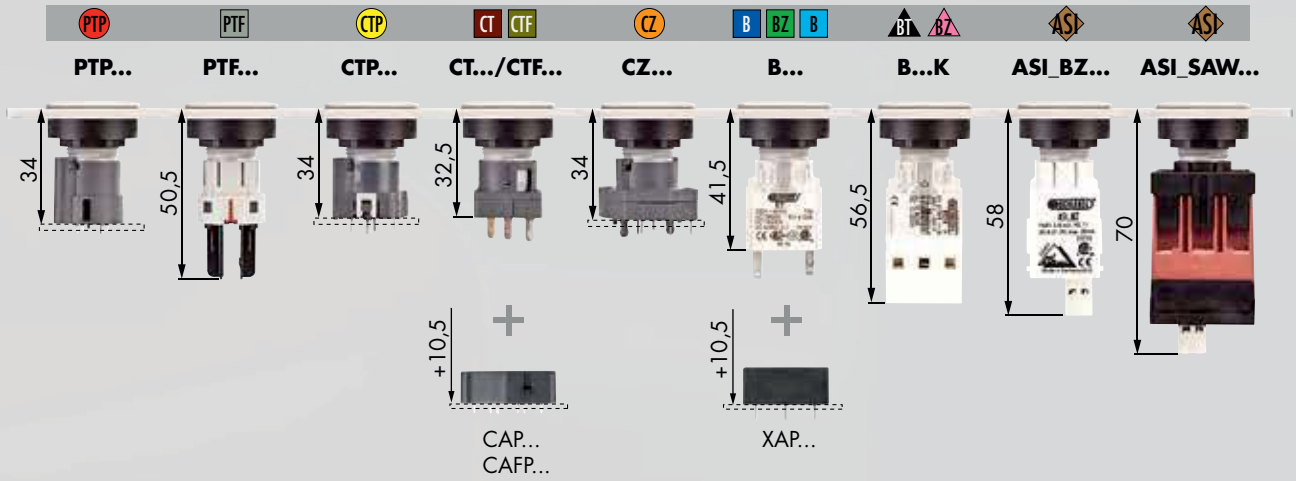
BZ...
Contact Blocks
Faston terminals
page 434
- 

BT...
B...
Contact Blocks
Screw connections
page 476
- 

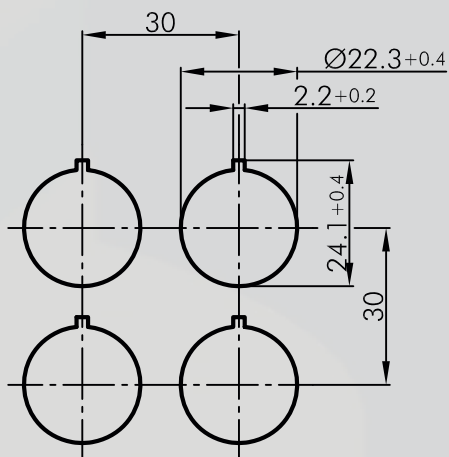
ASI...
Contact Blocks
for AS-Interface
page 558
- 

ASI...
Contact Blocks
for AS-Interface
Safety @ Work
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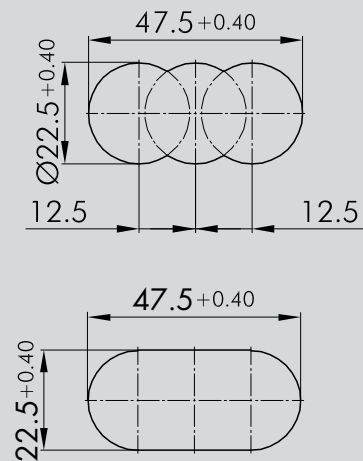
Mounting Depth Dimensions



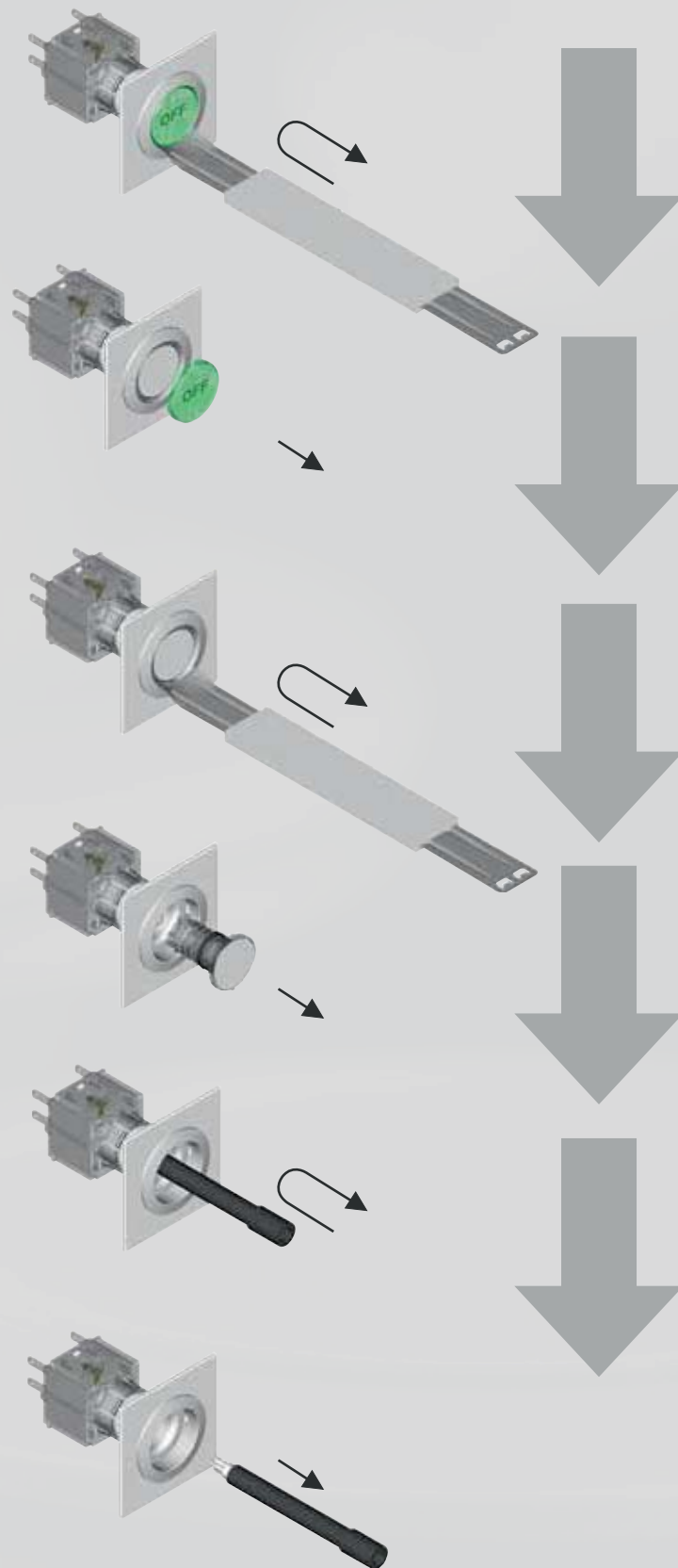
Cutout Dimensions




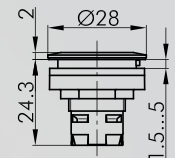









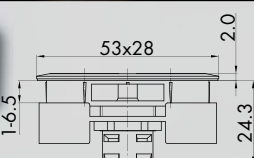





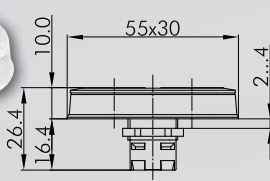













RRJDTLR



Mounting and Service Instructions



**Pushbutton Heads (momentary/push-push)
Emergency Stop Buttons**

Illustration	Dimensions	Description	Type										
		<p>Pushbutton Head with ring illumination and laser printing incl. lens, with laser printing, standard imprints see nameplates on pages 410 (please specify index number), special imprints in request suitable contact blocks</p> <p>       </p> <p>front bezel metallic</p>	RRJTLRL...										
		<p>Double Pushbutton Head with ring illumination suitable contact blocks</p> <p>   </p> <p>front bezel metallic</p>	RRJDTLR										
		<p>Double Pushbutton with ring illumination for panel cut-out Ø 16 mm locating pin to be on the right in case of horizontal installation suitable contact blocks</p> <p>   </p> <p>front bezel metallic</p>	RRDTLR										
		<p>Emergency-stop Head</p> <table border="0"> <tr> <td>foolproof</td> <td>Yes</td> </tr> <tr> <td>switching position indicator</td> <td>Yes</td> </tr> <tr> <td>anti-lock collar</td> <td>No</td> </tr> <tr> <td>release</td> <td>twist right or left</td> </tr> <tr> <td>Standard</td> <td>EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850</td> </tr> </table> <p>  </p> <p>suitable contact blocks</p> <p>    </p> <p>mushroom head red front bezel yellow</p>	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	RRJUV
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												



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.

Ø 22 mm

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

I = Switching position
> = Spring return

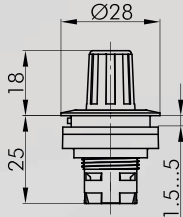
Illustration

Dimensions

Description

Type

IP65

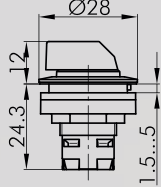


Knob Set for potentiometers

for potentiometers of 6 mm shaft dia. and thread M10 x 0.75.
Delivery without potentiometer.
Shaft length: approx. 32 mm
front bezel metallic

RRJR

IP65



Selector Head, maintained

suitable contact blocks



front bezel metallic

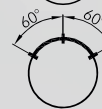
suitable contact blocks



front bezel metallic

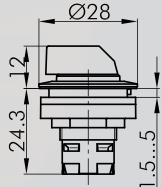


RRJWA



RRJWB

IP65



Selector Head, momentary

suitable contact blocks



front bezel metallic

suitable contact blocks



front bezel metallic

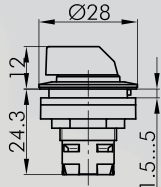


RRJSTA



RRJSTB

IP65



Selector Head, left maintained, right momentary

suitable contact blocks




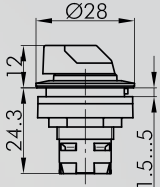





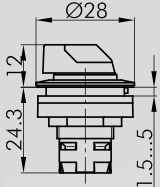





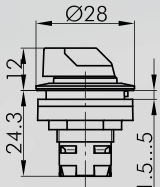


front bezel metallic



RRJWC

Selector Heads (momentary/maintained)





⊥ = Switching position
> = Spring return

Illustration	Dimensions	Description	Type
		<p>Illuminated Selector Head, maintained Knob available in blue-BL, yellow-GB, clear-KL, green-GN, red-RT (e.g. RRJWAL_GN)</p> <p>suitable contact blocks </p> <p>front bezel metallic</p> <p>suitable contact blocks </p> <p>front bezel metallic</p>	 RRJWAL...  RRJWBL...
		<p>Illuminated Selector Head, momentary Knob available in blue-BL, yellow-GB, clear-KL, green-GN, red-RT (e.g. RRJSTAL_GN)</p> <p>suitable contact blocks </p> <p>front bezel metallic</p> <p>suitable contact blocks </p> <p>front bezel metallic</p>	 RRJSTAL...  RRJSTBL...
		<p>Illuminated Selector Head, left maintained, right momentary Knob available in blue-BL, yellow-GB, clear-KL, green-GN, red-RT (e.g. RRJWCL_GN)</p> <p>suitable contact blocks </p> <p>front bezel metallic</p>	 RRJWCL...

RONTRON-R-JUWEL

Ø 22 mm

Selector Heads (momentary/maintained)

Illustration	Dimensions	Description	Type
		<p>Selector Head for desert application, maintained tested with coarse Arizona dust</p> <p>suitable contact blocks</p> <p>AS AZ B BT BZ BA B CT CTF CP CZ</p> <p>knob colour black front bezel metallic</p> <p>suitable contact blocks</p> <p>AS AZ BZ BA CT CZ</p> <p>knob colour black front bezel metallic</p>	<p>90°</p>  <p>RRJWA_514</p> <p>45° 45°</p>  <p>RRJWB_514</p>
		<p>Selector Head for desert application, momentary tested with coarse Arizona dust</p> <p>suitable contact blocks</p> <p>AS AZ BZ BA CT CZ</p> <p>knob colour black front bezel metallic</p>	<p>45° 45°</p>  <p>RRJSTB_514</p>

Key Actuators (momentary/maintained)

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

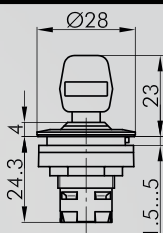
Illustration

Dimensions

Description

Type

IP65



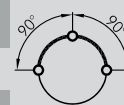
Key Actuator, maintained

including two keys
other lock types on request

suitable contact blocks



front bezel metallic

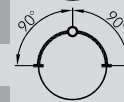


RRJSSA12

suitable contact blocks



front bezel metallic

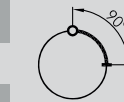


RRJSSA13

suitable contact blocks



front bezel metallic

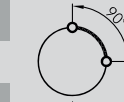


RRJSSA14

suitable contact blocks



front bezel metallic

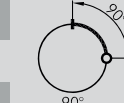


RRJSSA15

suitable contact blocks



front bezel metallic

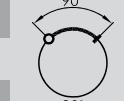


RRJSSA16

suitable contact blocks



front bezel metallic

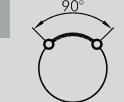


RRJSSA17

suitable contact blocks

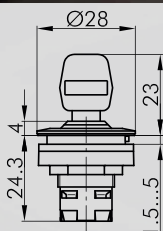


front bezel metallic



RRJSSA18

IP65



Key Actuator, maintained (individually keyed)

requires 3 keys:

1st key: two-way operation

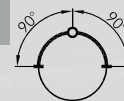
2nd key: operation to the left only

3rd key: operation to the right only

suitable contact blocks



front bezel metallic



RRJSSA31

RONTRON-R-JUWEL

Ø 22 mm

Key Actuators (momentary/maintained)

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

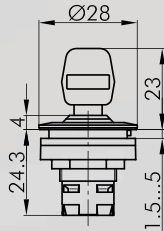
Illustration

Dimensions

Description

Type

IP65



Key Actuator, momentary

including two keys
other lock types on request

suitable contact blocks



front bezel metallic

suitable contact blocks



front bezel metallic

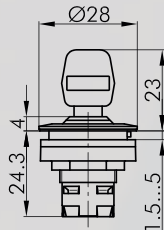


RRJSSA23



RRJSSA28

IP65



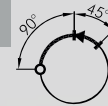
Key Actuator, left maintained, right momentary

including two keys
other lock types on request

suitable contact blocks



front bezel metallic



RRJSSA25


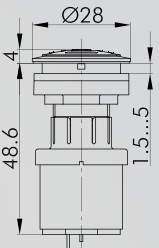

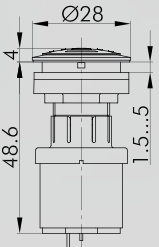

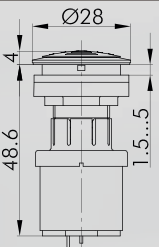

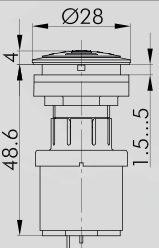



Standard Spare Keys



standard spare key, specify key number for special locks

ESMIC482


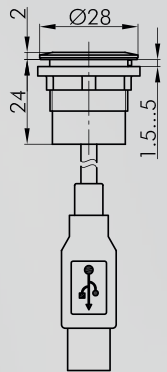

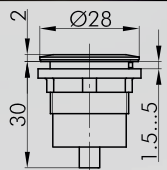

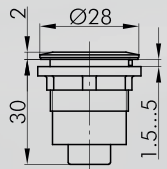

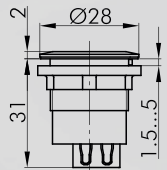
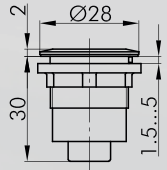
Buzzers

Illustration	Dimensions	Description	Type
		<p>Buzzer</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. 80 db (10cm, 12V)</p> <p>operating temperature: -20°C ... 60°C front bezel: metallic</p>	RRJNSG+ SG-24V
		<p>Interval Buzzer</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. 80 db (10cm, 12V)</p> <p>interval: 1 s operating temperature: -20°C ... 60°C front bezel: metallic</p>	RRJNSG+ SGI-24V
		<p>Illuminated Buzzer</p> <p>operating voltage: 12 ... 24V AC/DC operating current: approx. 30mA signal frequency: 3.5 +/- 0.5 kHz volume: max. 85 db (10cm, 24V) max. 80 db (10cm, 12V)</p> <p>operating temperature: -20°C ... 60°C front bezel: metallic</p>	RRJNSGL+ SGLR-24V
		<p>Illuminated Interval Buzzer</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. 80 db (10cm, 12V)</p> <p>interval: 1 s operating temperature: -20°C ... 60°C front bezel: metallic</p>	RRJNSGL+ SGILR-24V
		<p>Faston Clamp 2.8 x 0.8 mm with snap-in pin</p> <p>Cross section 0.75 - 1.50 mm², brass, with pin to snapfit into the socket XA, XAL and the insulating case IH2.8</p>	FH2,8

Accessories for Contact blocks

Illustration	Dimensions	Description	Type
		Insulating Case for Faston clamp FH2,8, slip on from the front	IH2,8
		Double Faston for the connection of 2 Faston clamps FH2.8	FD2,8


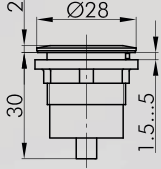

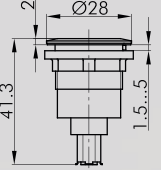

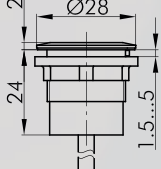

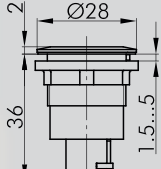
USB Sockets

Illustration	Dimensions	Description	Type
		<p>USB Jack front: USB jack type A</p> <p>rear: USB2.0 cable (length 60 cm) with connector type A</p> <p>front bezel metallic</p>	RRJ_USB
		<p>USB Jack front: USB jack type A</p> <p>rear: USB jack type A</p> <p>front bezel metallic</p>	RRJ_USB_AA
		<p>USB Jack front: USB jack type A</p> <p>rear: USB jack type B</p> <p>front bezel metallic</p>	RRJ_USB_AB
		<p>USB Jack front: USB jack type B</p> <p>rear: USB jack type A</p> <p>front bezel metallic</p>	RRJ_USB_BA
		<p>USB Jack front: USB jack type B</p> <p>rear: USB jack type B</p> <p>front bezel metallic</p>	RRJ_USB_BB

RONTRON-R-JUWEL

Ø 22 mm

USB Sockets

Illustration	Dimensions	Description	Type
		<p>USB3.0 Jack front: USB jack type A</p> <p>rear: USB jack type A front bezel</p>	metallic RRJ_USB3_AA
		<p>FireWire Jack front: FireWire jack</p> <p>rear: FireWire jack front bezel</p>	metallic RRJ_FW6_STB
		<p>RJ45 Jack front: RJ45 jack with screen</p> <p>rear: 60 cm cable screened with RJ45 connector front bezel</p>	metallic RRJ_RJ45
		<p>RJ45 Jack front: RJ45 jack with screen</p> <p>rear: RJ45 jack with screen front bezel</p>	metallic RRJ_RJ45_STB




Pilot Light Heads/Pilot Lights

Lenses and nameplates to be ordered separately


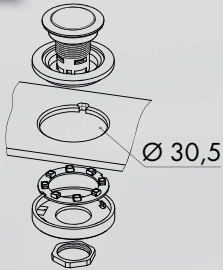

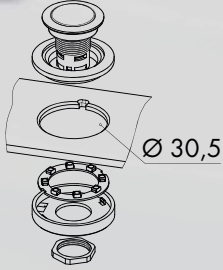
Illustration	Dimensions	Description	Type
 <p>IP65 Light Screw</p>		<p>Pilot Light with Faston Terminals 2.8x0.8 mm W2x4.6d socket front bezel metallic</p>	RRJL4
 <p>IP65 Light Screw</p>		<p>Two-colour LED Pilot Light 24V Operating temperature: -25°C ... 60°C Rated voltage: 24V DC Rated current: max. 10mA per LED Insulating voltage: 0.5kV Insulating resistance: ≥ 2MΩ Connection type: screw connection 3x1mm²</p> <p><u>Pin Assignment</u> Pin 1: red Pin 2: GND Pin 3: green</p> <p>other colours on request LED colour red/green front bezel metallic</p>	RRJL_24R_G
 <p>IP65 Light Screw</p>		<p>Two-colour LED Pilot Light 230V Operating temperature: -25°C ... 55°C Rated voltage: 230V AC / 50 ... 60Hz Rated current: max. 4mA per LED Insulating voltage: 2.5kV Insulating resistance: ≥ 2MΩ Connection: : screw connection 3x1mm²</p> <p><u>Pin Assignment</u> Pin 1: red Pin 2: GND Pin 3: green</p> <p>other colours on request LED colour red/green front bezel metallic</p>	RRJL_230R_G
 <p>IP65 Light Screw</p>		<p>Pilot Light Head suitable lampholders AS B BT CT CTF CTP CZ front bezel metallic</p>	RRJN

Ø 22 mm

Accessories for Actuators


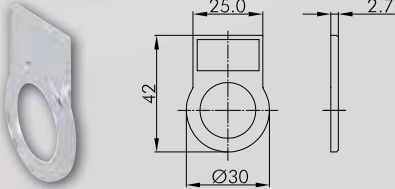
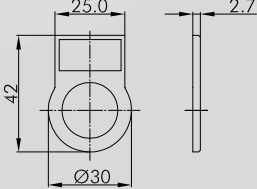




Illustration	Dimensions	Description	Type
		Lens colour blue yellow green clear red opalwhite	K22RRBL K22RRGB K22RRGN K22RRKL K22RRRT K22RRWS
		Blank Nameplate	BSRRU
		Nameplate with standard imprint, please specify index number (see nameplates on pages 410)	BSRR...
		Nameplate with special imprint according to customer's specifications	BSRRB

Accessories for Actuators


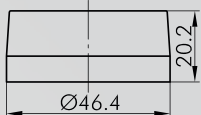





Illustration	Dimensions	Description	Type												
		Hexagonal Mounting Tool with torque limitation, for the series OKTRON, OKTRON-JUWEL, OKTRON-R, RONTRON-R-JUWEL, RONTRON-R-Exclusive, RONTRON-Q- JUWEL, RONTRON-Q-Exclusive, QUARTRON(-L), QUARTRON- JUWEL(-L), RX, RX-JUWEL	S16												
		Mounting Tool Adapter with 1/4" connections for mounting tools S16 and S22	SRA												
<p>IP65</p>  		<p>LED-illuminated Ring for status indication or additional illumination</p> <ul style="list-style-type: none"> - for an additional light signal - rated voltage: 24V AC/DC - rated current: 25 ... 35 mA (DC) - 30.5 mm mounting aperture - Connection: for JST plug ZHR-3 <p>delivery without actuator</p> <table> <tr> <td>LED colour</td> <td>blue</td> <td>LR22K_24B</td> </tr> <tr> <td></td> <td>white</td> <td>LR22K_24W</td> </tr> <tr> <td></td> <td>red</td> <td>LR22K_24R</td> </tr> <tr> <td></td> <td>green</td> <td>LR22K_24G</td> </tr> </table>	LED colour	blue	LR22K_24B		white	LR22K_24W		red	LR22K_24R		green	LR22K_24G	
LED colour	blue	LR22K_24B													
	white	LR22K_24W													
	red	LR22K_24R													
	green	LR22K_24G													
<p>IP65</p>  		<p>Two-colour Alternate LED-illuminated Ring for status indication</p> <ul style="list-style-type: none"> - for two alternate light signals - rated voltage: 24V AC/DC - rated current: green 12mA (D) / red 17mA (DC) - 30.5 mm mounting aperture - Connection: for JST plug ZHR-3 <p>delivery without actuator</p> <table> <tr> <td>LED colour</td> <td>red/green</td> <td>LR22K_24R_G</td> </tr> </table>	LED colour	red/green	LR22K_24R_G										
LED colour	red/green	LR22K_24R_G													

Ø 22 mm

Accessories for Actuators

Illustration	Dimensions	Description	Type
		Connection Cable with open end, to connect the LED-illuminated rings to a voltage supply source, length approx. 80 cm, cross section 0.14 mm ²	VK_JST3_014
		External Nameplate Holder for outside marking of the actuators of the RONTRON-R-JUWEL series, accepts self-adhesive nameplates, mountable from the front	RRJABT
		colour transparent	
		Self-adhesive Nameplate - laser-printed Inscription according to customer's specification Dimensions: 22 x 11 mm	BZ16G
		Self-adhesive Nameplate - blank Dimensions: 22 x 11 mm	BZ16U
		Self-adhesive Nameplate with standard inscription, please specify index no. (see nameplates) Dimensions: 22 x 11 mm	BZ16B...
		Yellow Nameplate self-adhesive PVC foil printing on request outer dia. 75 mm for mounting dia. 22 mm colour yellow	NAS_22
		Yellow Nameplate with quadrilingual imprint self-adhesive PVC foil outer dia. 75 mm for mounting dia. 22 mm colour yellow	NAS_22_548

Accessories for Actuators

Illustration	Dimensions	Description	Type
		Protective Shroud for actuators of 22 mm mounting dia. colour yellow	RXJSK
		Lead-sealable Protective Lid colour transparent	KDP22RR
		Lamp Remover	LZ-MG
IP67 		Protective Lid made of TPE colour black	AK22RRSW
		Universal Lens Remover	USK
IP65 		Dummy to close unused mounting apertures front bezel metallic	BVRRJ

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