



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



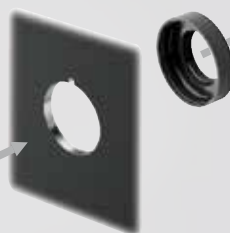
illuminating option



operating travel



labelling option



CT
CT...
Contact Blocks
Faston terminals
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CZ
CZ...
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CTP
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PCB-mount terminals
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CTF
CTF...
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PT
PT...
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PCB-mount terminals
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PTF
PT...
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B
BZ
B...
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BT
BZ
B...
Contact Blocks
Screw connections
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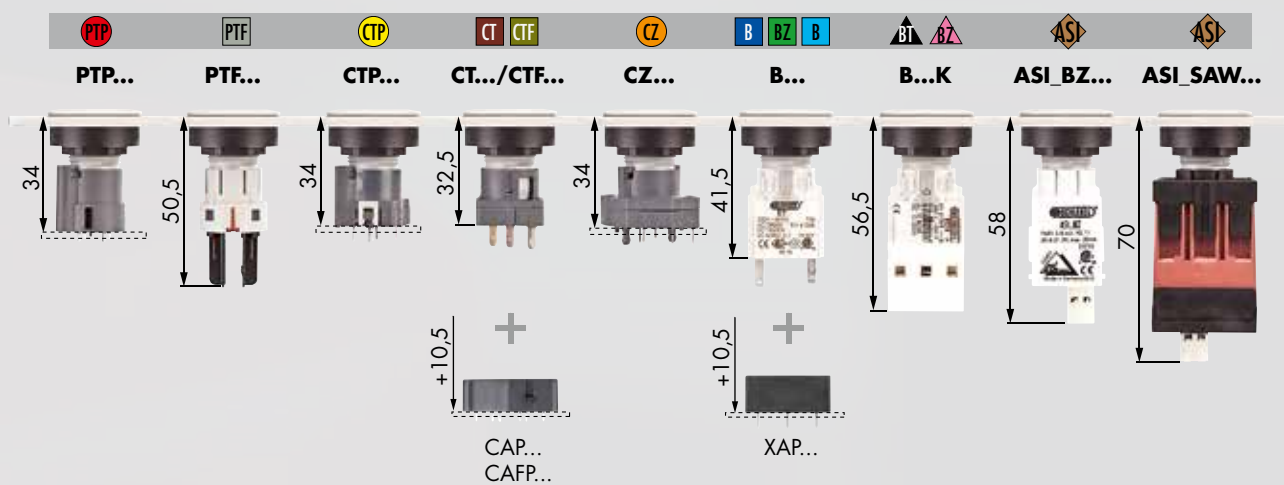


ASl
ASl...
Contact Blocks
for AS-Interface
page 558

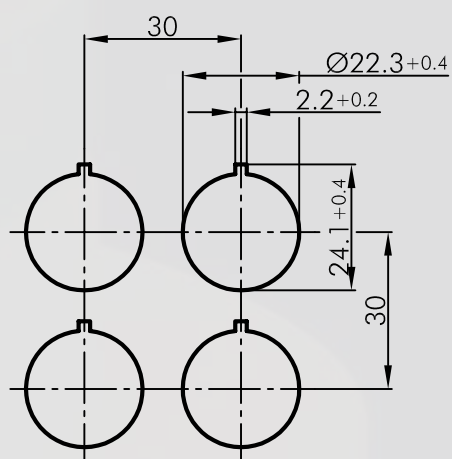


ASl
ASl...
Contact Blocks
for AS-Interface
Safety @ Work
page 564

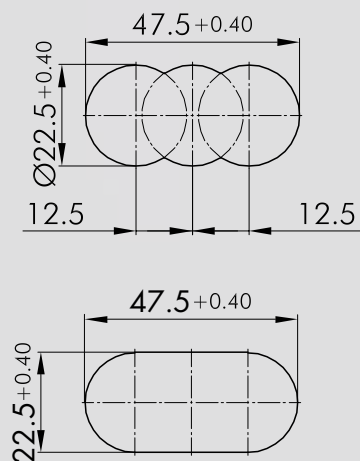
Mounting Depth Dimensions

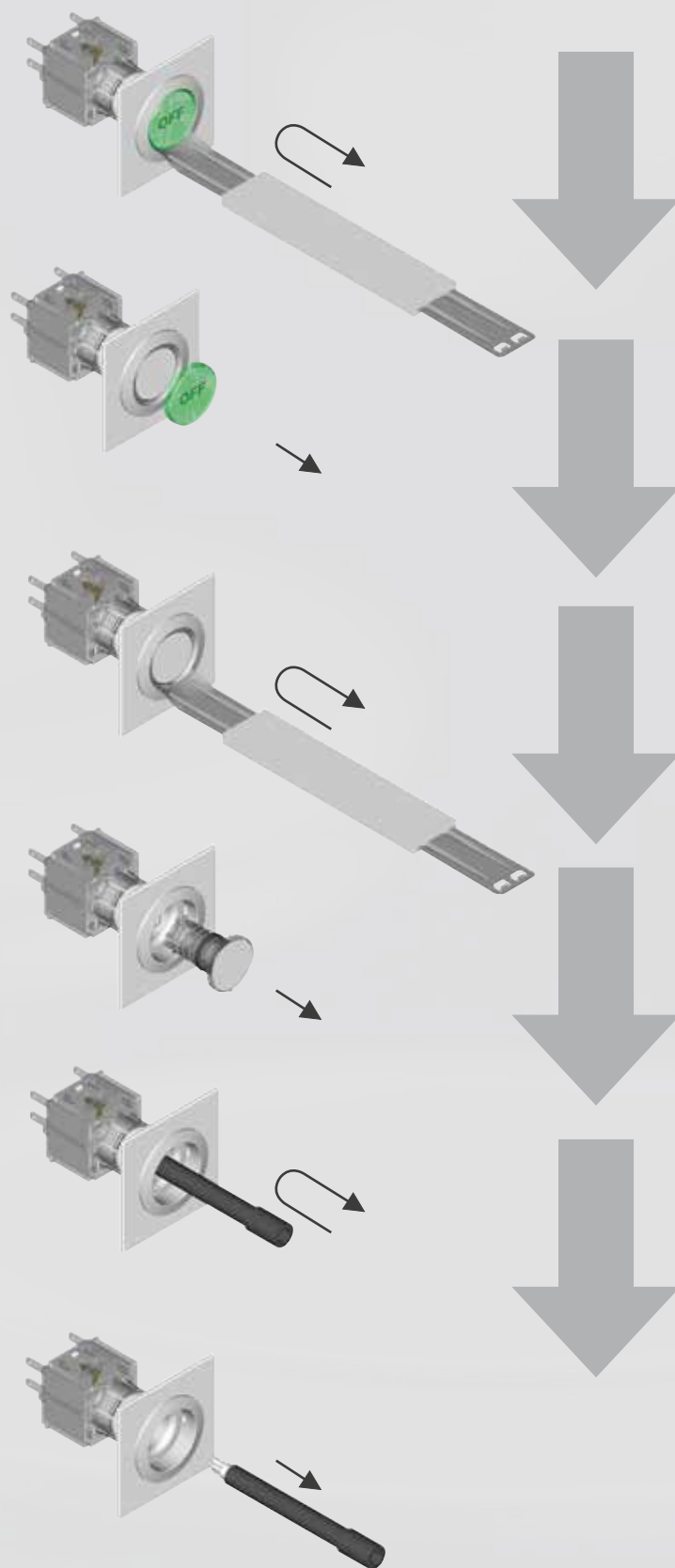


Cutout Dimensions



RRJDTLR





Lenses and nameplates to be ordered separately

Georg Schlegel GmbH & Co. KG - 88525 Dürmentingen - ☎ +49 (0) 73 71 / 502-0 - Fax: +49 (0) 73 71 / 502 49 - info@schlegel.biz - www.schlegel.biz

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

Illustration	Dimensions	Description	Type
<div><div>IP65</div><div>3mm</div><div></div><div></div></div> <div></div>	<div><div>Ø28</div><div>2</div><div>24.3</div><div>1.5...5</div></div>	<div><div>Pushbutton Head with ring illumination and laser printing</div><div>incl. lens, with laser printing, standard imprints see nameplates on pages 410 (please specify index number), special imprints in request</div><div>suitable contact blocks</div><div><div> </div></div><div>front bezel metallic</div></div>	RRJTLRL...
<div><div>IP65</div><div>3mm</div><div></div><div></div></div> <div></div>	<div><div>53x28</div><div>2.0</div><div>1.6.5</div><div>24.3</div></div>	<div><div>Double Pushbutton Head with ring illumination</div><div>suitable contact blocks</div><div><div> </div></div><div>front bezel metallic</div></div>	RRJDTLR
<div><div>IP65</div><div>3mm</div><div></div><div></div></div> <div></div>	<div><div>55x30</div><div>10.0</div><div>2.4</div><div>26.4</div><div>16.4</div></div>	<div><div>Double Pushbutton with ring illumination for panel cut-out Ø 16 mm</div><div>locating pin to be on the right in case of horizontal installation</div><div>suitable contact blocks</div><div><div> </div></div><div>front bezel metallic</div></div>	RRDTLR
<div><div>IP66</div><div>IP69K</div><div></div></div> <div></div>	<div><div>Ø28</div><div>24.5</div><div>24.3</div><div>1.5...5</div></div>	<div><div>Emergency-stop Head</div><div>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</div><div><div> </div></div><div>suitable contact blocks</div><div><div> </div></div><div>mushroom head red front bezel yellow</div></div>	RRJUV



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.

RONTRON-R-JUWEL

Ø 22 mm


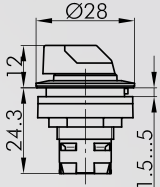



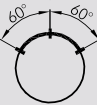

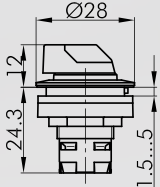





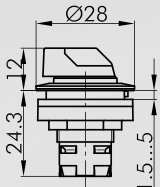


Knob Set for potentiometers
Selector Heads (momentary/maintained)

! = Switching position
> = Spring return

Illustration	Dimensions	Description	Type
		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
		Selector Head, maintained suitable contact blocks  front bezel metallic suitable contact blocks  front bezel metallic	 RRJWA  RRJWB
		Selector Head, momentary suitable contact blocks  front bezel metallic suitable contact blocks  front bezel metallic	 RRJSTA  RRJSTB
		Selector Head, left maintained, right momentary suitable contact blocks  front bezel metallic	 RRJWC

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

Ø 22 mm

Selector Heads (momentary/maintained)

Illustration

Dimensions

Description

Type

IP65



Selector Head for desert application, maintained

tested with coarse Arizona dust

suitable contact blocks



knob colour

black

front bezel

metallic

suitable contact blocks



knob colour

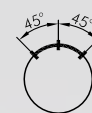
black

front bezel

metallic



RRJWA_514



RRJWB_514

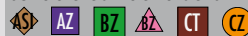
IP65



Selector Head for desert application, momentary

tested with coarse Arizona dust

suitable contact blocks

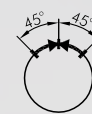


knob colour

black

front bezel

metallic



RRJSTB_514

Key Actuators (momentary/maintained)

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

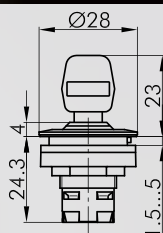
Illustration

Dimensions

Description

Type

IP65



Key Actuator, maintained

including two keys
other lock types on request

suitable contact blocks

front bezel metallic

suitable contact blocks

front bezel metallic

suitable contact blocks

front bezel metallic

suitable contact blocks

front bezel metallic

suitable contact blocks

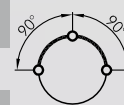
front bezel metallic

suitable contact blocks

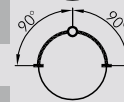
front bezel metallic

suitable contact blocks

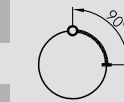
front bezel metallic



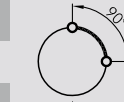
RRJSSA12



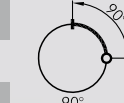
RRJSSA13



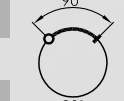
RRJSSA14



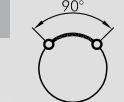
RRJSSA15



RRJSSA16

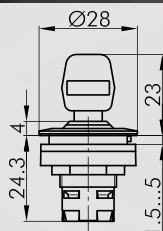


RRJSSA17



RRJSSA18

IP65



Key Actuator, maintained

(individually keyed)

requires 3 keys:

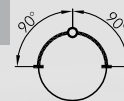
1st key: two-way operation

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

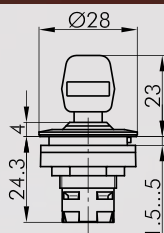
Illustration

Dimensions

Description

Type

IP65



Key Actuator, momentary

including two keys
other lock types on request

suitable contact blocks

front bezel metallic

front bezel metallic

suitable contact blocks

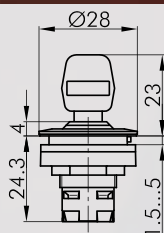
front bezel metallic



RRJSSA23

RRJSSA28

IP65



Key Actuator, left maintained, right momentary

including two keys
other lock types on request

suitable contact blocks

front bezel metallic

front bezel metallic



RRJSSA25


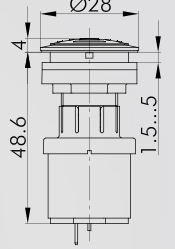

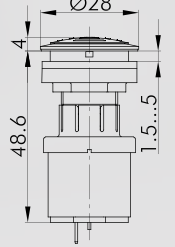

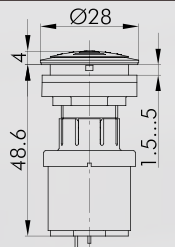

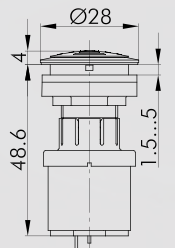



Standard Spare Keys

standard spare key, specify key number for special locks

ESMIC482


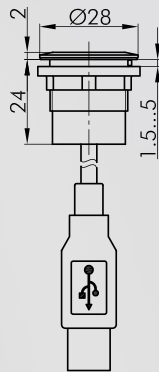

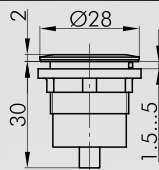

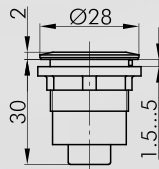

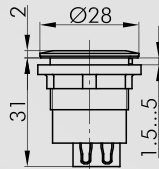

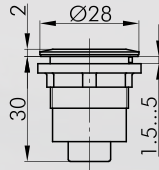
Buzzers

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


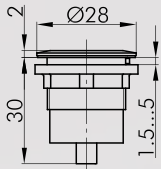

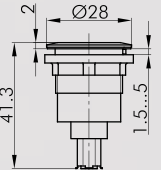

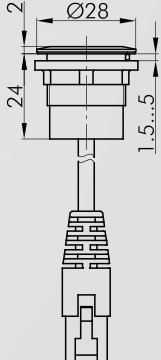

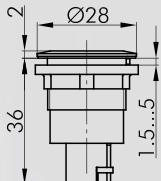
Illustration	Dimensions	Description	Type
		Insulating Case for Faston clamp FH2,8, slip on from the front	IH2,8
		Double Faston for the connection of 2 Faston clamps FH2.8	FD2,8

USB Sockets

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

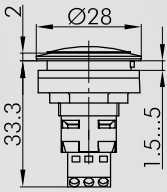
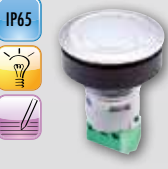


Ø 22 mm

USB Sockets

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




Pilot Light Heads/Pilot Lights

Lenses and nameplates to be ordered separately




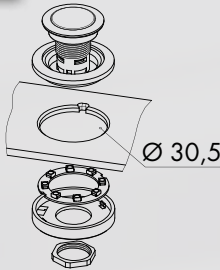

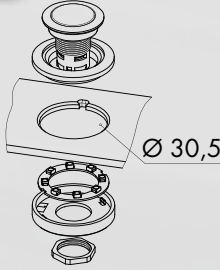
Illustration	Dimensions	Description	Type
		Pilot Light with Faston Terminals 2.8x0.8 mm W2x4.6d socket front bezel metallic	RRJL4
		Two-colour LED Pilot Light 24V Operating temperature: -25°C ... 60°C Rated voltage: 24V DC Rated current: max. 10mA per LED Insulating voltage: 0.5kV Insulating resistance: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

Ø 22 mm

Accessories for Actuators


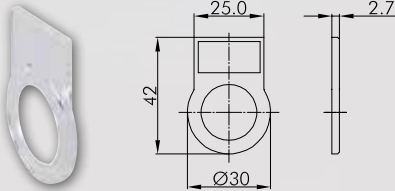




Illustration	Dimensions	Description	Type
		Lens colour blue yellow green clear red opalwhite	K22RRBL K22RRGB K22RRGN K22RRKL K22RRRT K22RRWS
		Blank Nameplate	BSRRU
		Nameplate with standard imprint, please specify index number (see nameplates on pages 410)	BSRR...
		Nameplate with special imprint according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

Accessories for Actuators


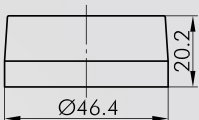

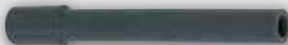



Illustration	Dimensions	Description	Type
		Hexagonal Mounting Tool with torque limitation, for the series OKTRON, OKTRON-JUWEL, OKTRON-R, RONTRON-R-JUWEL, RONTRON-R-Exclusive, RONTRON-Q- JUWEL, RONTRON-Q-Exclusive, QUARTRON(-L), QUARTRON- JUWEL(-L), RX, RX-JUWEL	S16
		Mounting Tool Adapter with 1/4" connections for mounting tools S16 and S22	SRA
<div>IP65</div>  		LED-illuminated Ring for status indication or additional illumination - 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 delivery without actuator LED colour blue white red green	LR22K_24B LR22K_24W LR22K_24R LR22K_24G
<div>IP65</div>  		Two-colour Alternate LED-illuminated Ring for status indication - 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 delivery without actuator 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
	25.0 42 Ø30 2.7	External Nameplate Holder for outside marking of the actuators of the RONTRON-R-JUWEL series, accepts self-adhesive nameplates, mountable from the front colour transparent	RRJABT
		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