



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



RONTRON-R-JUWEL

 Product configurator



Overview RONTRON-R-JUWEL series




01 Pushbutton Heads	page 78	06 Acoustic Buzzers	page 91
02 Emergency-stop Buttons	page 81	07 Flush-mounted Jacks	page 93
03 Knob Sets for Potentiometers / Incremental Encoders	page 82	08 Pilot Lights	page 101
04 Selector Heads	page 83		
05 Key Actuators	page 87	Contact Blocks / Lampholders	page 408


Housing Colours

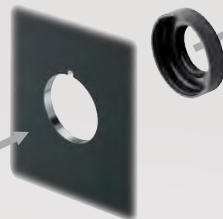












IP65 degree of protection

3 mm operating travel

 illuminating option

 labelling option



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

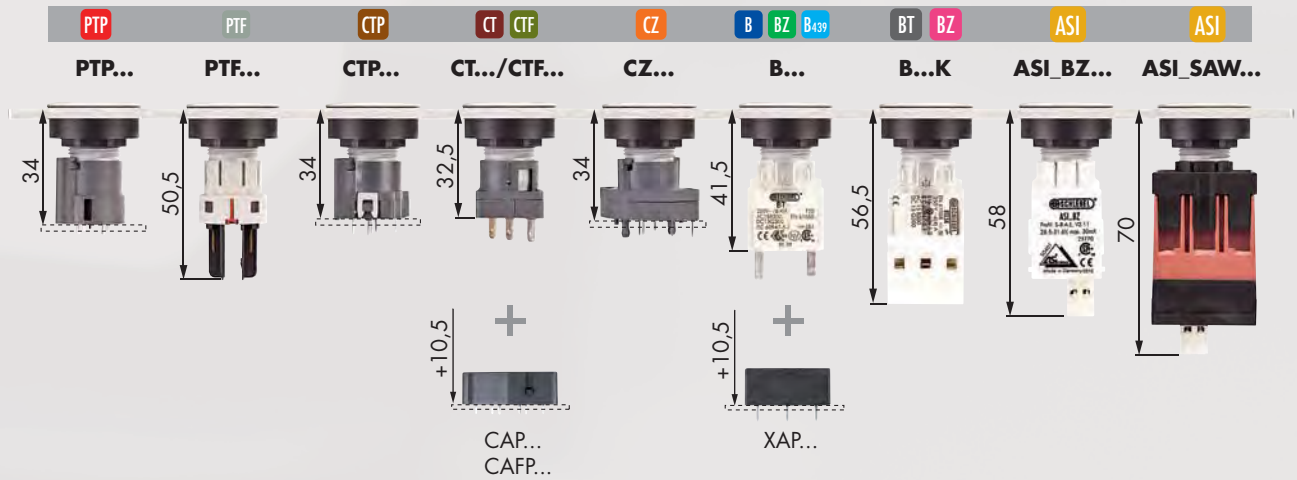
RONTRON-R-JUWEL

Ø 22.3 mm

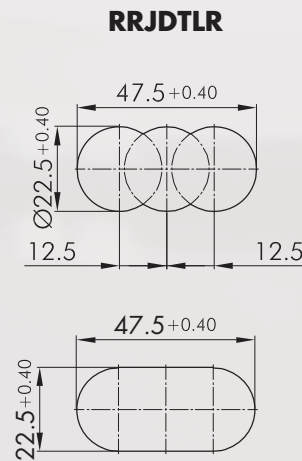
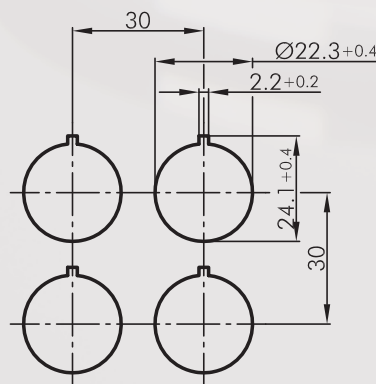
made in germany



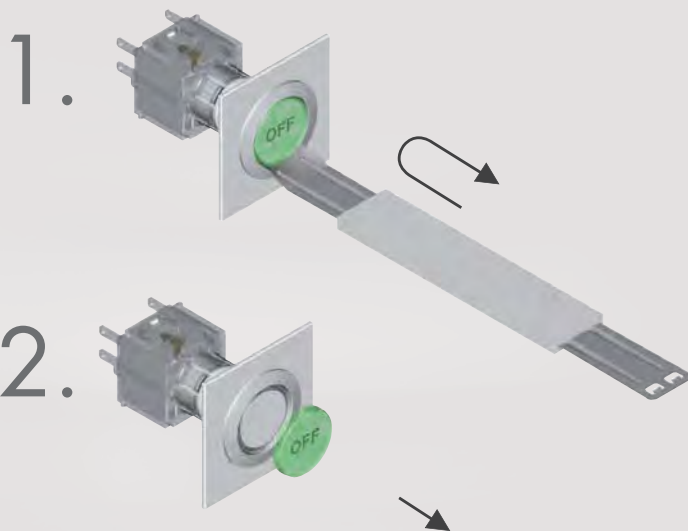
Mounting Depth Dimensions



Cutout Dimensions



Mounting and Service Instructions



RONTRON-R-JUWEL

Ø 22.3 mm

made in germany



Pushbutton Heads

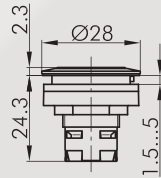
Lenses and nameplates to be ordered separately

Illustration

Dimensions

Description

Type



Pushbutton Head

suitable contact blocks

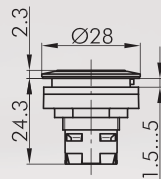
AS1 AZ B BF BZ BZ B439 CT CTF CTP CZ

front bezel

silver-coloured



RRJT



Pushbutton Head, stainless steel

suitable contact blocks

AS1 AZ B BF BZ BZ B439 CT CTF CTP CZ

front bezel

stainless steel, polished



RRJVAT



Flat Lens, transparent

colour

blue



T22RRBL

yellow



T22RRGB

green



T22RRGN

clear



T22RRKL

red



T22RRRT

opalwhite



T22RRWS



Flat Lens, non-transparent

colour

blue



T22RRGBL

yellow



T22RRGGB

green



T22RRGGN

black



T22RRGSW

red



T22RRGRT

white



T22RRGWS

silver-coloured



T22RRGM



High Lens, transparent

colour

blue



T22HRRBL

yellow



T22HRRGB

green



T22HRRGN

clear



T22HRRKL

red



T22HRRRT

opalwhite



T22HRRWS



Blank Nameplate

BSRRU



Nameplate with standard imprint

Please specify index number (see nameplates on pages 404)

BSRR...

About Us

Control Units

Actuators

Panel Mount Jacks

Bus Technology

Enclosures





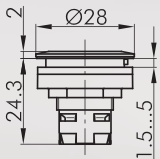



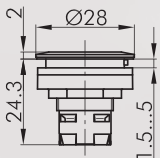





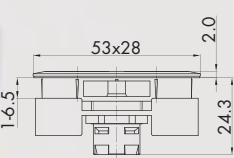


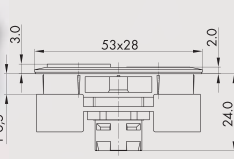


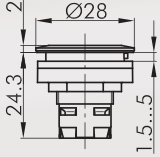
Terminal Blocks

Pedal Switches



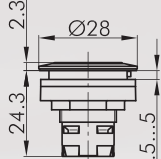

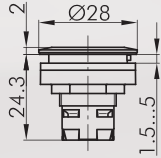


Limit Switches

Type Index

Pushbutton Heads

Illustration	Dimensions	Description	Type
		Nameplate with special imprint according to customer's specification	BSRRB
 IP65 3 mm 		Pushbutton Head with ring illumination, silver-coloured incl. lens suitable contact blocks ASI AZ B BF BZ BZ B439 CT CTF CTP CZ front bezel silver-coloured	RRJTLR
 IP65 3 mm  		Pushbutton Head with ring illumination and laser printing, silver-coloured incl. lens, standard imprints see nameplates on pages 404 (please specify index number), special imprints on request suitable contact blocks ASI AZ B BF BZ BZ B439 CT CTF CTP CZ front bezel silver-coloured	RRJTLR...
 IP65 3 mm 		Double Pushbutton Head with ring illumination silver-coloured laser printing on request suitable contact blocks BZ BZ CT CZ front bezel silver-coloured	RRJDTLR
 IP65 3 mm 		Double Pushbutton Head with ring illumination silver-coloured suitable contact blocks BZ BZ CT CZ push-cap red/green front bezel silver-coloured	RRJDTLRLW_0003
 IP65 3 mm 		Double Pushbutton Head with ring illumination and high, red lens, silver-coloured suitable contact blocks BZ BZ CT CZ push-cap red/green front bezel silver-coloured	RRJDTLRHGR
 IP65 3 mm 		Pushbutton Head with ring illumination and burl wood decor incl. push-cap suitable contact blocks ASI AZ B BF BZ BZ B439 CT CTF CTP CZ front bezel burl wood decor black	RRJTLRE01 RRJTLRSW

Pushbutton Heads

Illustration	Dimensions	Description	Type
 <p>IP65 3mm Sun icon</p>	 <p>2 Ø28 24.3 1.5...5</p>	<p>Pushbutton Head with ring illumination and carbon decor incl. push-cap suitable contact blocks ASI AZ B BF BZ BZ B439 CT CTF CTP CZ front bezel carbon decor</p>	RRJTLRE02
 <p>IP65 3mm Sun icon</p>	 <p>2.3 Ø28 24.3 1.5...5</p>	<p>Pushbutton head with ring illumination, white coated incl. lens suitable contact blocks ASI AZ B BF BZ BZ B439 CT CTF CTP CZ front bezel white</p>	RRJTLREWS
 <p>IP65 3mm Sun icon</p>	 <p>2 Ø28 24.3 1.5...5</p>	<p>Pushbutton Head with ring illumination stainless steel including lens, inscription on request suitable contact blocks ASI AZ B BF BZ BZ B439 CT CTF CTP CZ front bezel stainless steel, polished</p>	RRJVATLR
 <p>IP65 3mm Sun icon Laser icon</p>	 <p>2 Ø28 24.3 1.5...5</p>	<p>Pushbutton Head with ring illumination and laser printing, stainless steel incl. lens, standard imprint, see nameplates on page 404 (please specify index number), special inscription on request suitable contact blocks ASI AZ B BF BZ BZ B439 CT CTF CTP CZ front bezel stainless steel, polished</p>	RRJVATLRL...
 <p>IP67</p>		<p>Sealing Cap made of silicone rubber, down to -50°C</p>	TK28S

RONTRON-R-JUWEL

Ø 22.3 mm

made in germany



Knob Set for potentiometers Incremental Encoder

About Us

Control Units

Actuators

Panel Mount Jacks

Bus Technology

Enclosures

Terminal Blocks

Pedal Switches

Limit Switches


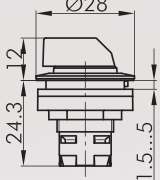



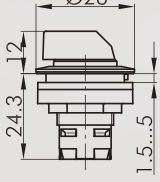



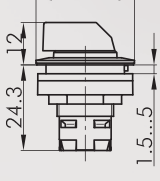


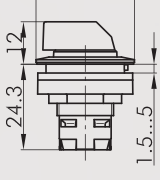



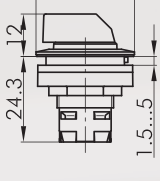



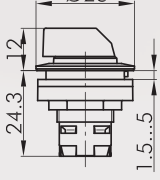

Type Index

Illustration	Dimensions	Description	Type
		<p>Knob Set for potentiometers, silver-coloured for potentiometers of 6 mm shaft dia. and thread M10 x 0.75. Delivery without potentiometer. Shaft length: approx. 32 mm front bezel silver-coloured</p>	<p>RRJR</p>
		<p>Knob Set for potentiometers, stainless steel for potentiometers of 6 mm shaft dia. and thread M10 x 0.75. Delivery without potentiometer. Shaft length: approx. 32 mm front bezel stainless steel, polished</p>	<p>RRJVAR</p>
		<p>Knob Set for incremental encoder, silver-coloured with rotary knob, but without encoder. For encoders with 6 mm shaft dia. and thread M7x0,75 Shaft length approx. 32mm front bezel silver-coloured</p>	<p>RRJE</p>



Selector Switches (momentary/maintained)

I = Switching position
> = Spring return

Illustration	Dimensions	Description	Type
		Selector Head, maintained, silver-coloured suitable contact blocks ASI AZ B BF BZ BZ B439 CT CTF CTP CZ front bezel silver-coloured	 RRJWA
		suitable contact blocks ASI AZ BZ BZ B439 CT CZ front bezel silver-coloured	 RRJWB
		Selector Head, momentary, silver-coloured suitable contact blocks ASI AZ B BF BZ BZ B439 CT CTF CTP CZ front bezel silver-coloured	 RRJSTA
		suitable contact blocks ASI AZ BZ BZ B439 CT CZ front bezel silver-coloured	 RRJSTB
		Selector Head, left maintained, right momentary, silver-coloured suitable contact blocks ASI AZ BZ BZ B439 CT CZ front bezel silver-coloured	 RRJWC
		Selector Head, maintained, stainless steel suitable contact blocks ASI AZ B BF BZ BZ B439 CT CTF CTP CZ front bezel stainless steel, polished	 RRJVAWA
		suitable contact blocks ASI AZ BZ BZ B439 CT CZ front bezel stainless steel, polished	 RRJVAWB
		Selector Head, momentary, stainless steel suitable contact blocks ASI AZ B BF BZ BZ B439 CT CTF CTP CZ front bezel stainless steel, polished	 RRJVASTA
		suitable contact blocks ASI AZ BZ BZ B439 CT CZ front bezel stainless steel, polished	 RRJVASTB
		Illuminated Selector Head, left maintained, right momentary, stainless steel suitable contact blocks ASI AZ BZ BZ B439 CT CZ front bezel stainless steel, polished	 RRJVAWC

RONTRON-R-JUWEL

Ø 22.3 mm

made in germany



Selector Switches (momentary/maintained)

I = Switching position
> = Spring return

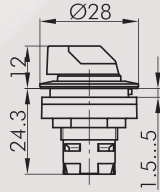
Illustration

Dimensions

Description

Type

IP65



Illuminated Selector Head, maintained, silver-coloured

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

suitable contact blocks

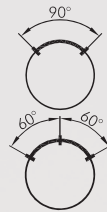
ASI AZ B BF BZ BZ B439 CT CTF CTP CZ

front bezel silver-coloured

suitable contact blocks

ASI AZ BZ BZ B439 CT CZ

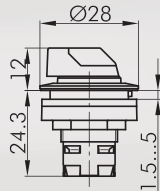
front bezel silver-coloured



RRJWAL...

RRJWBL...

IP65



Illuminated Selector Head, momentary, silver-coloured

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

suitable contact blocks

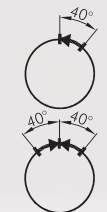
ASI AZ B BF BZ BZ B439 CT CTF CTP CZ

front bezel silver-coloured

suitable contact blocks

ASI AZ BZ BZ B439 CT CZ

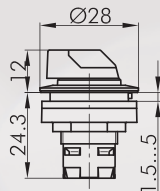
front bezel silver-coloured



RRJSTAL...

RRJSTBL...

IP65



Illuminated Selector Head, left maintained, right momentary silver-coloured

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

suitable contact blocks

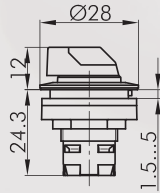
ASI AZ BZ BZ B439 CT CZ

front bezel silver-coloured



RRJWCL...

IP65



Illuminated Selector Head, maintained, stainless steel

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

suitable contact blocks

ASI AZ B BF BZ BZ B439 CT CTF CTP CZ

front bezel stainless steel, polished

suitable contact blocks

ASI AZ BZ BZ B439 CT CZ

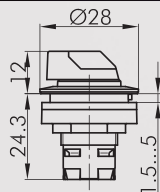
front bezel stainless steel, polished



RRJVAWAL...

RRJVAWBL...

IP65



Illuminated Selector Head, momentary, stainless steel

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

suitable contact blocks

ASI AZ B BF BZ BZ B439 CT CTF CTP CZ

front bezel stainless steel, polished

suitable contact blocks

ASI AZ BZ BZ B439 CT CZ

front bezel stainless steel, polished



RRJVASTAL...

RRJVASTBL...

Selector Switches (momentary/maintained)
made of stainless steel V4A (1.4404)

I = Switching position
> = Spring return

About Us

Control Units

→ Actuators

Panel Mount Jacks

Bus Technology

Enclosures

Terminal Blocks

Pedal Switches

Limit Switches

Type Index

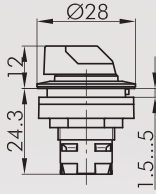
Illustration

Dimensions

Description

Type

IP65
☀



Illuminated Selector Head, left maintained, right momentary stainless steel

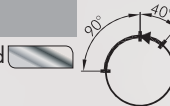
Knob available in blue-BL, yellow-GB, clear-KL, green-GN, red-RT (e.g. RRJVAWCL_GN)

suitable contact blocks

ASI AZ BZ BZ B439 CT CZ

front bezel

stainless steel, polished



RRJVAWCL...

RONTRON-R-JUWEL

Ø 22.3 mm

made in germany



Selector Switches (momentary/maintained)

About Us

Control Units

Actuators

Panel Mount Jacks

Bus Technology



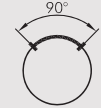

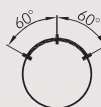



Enclosures

Terminal Blocks

Pedal Switches

Limit Switches

Type Index

Illustration	Dimensions	Description	Type
		<p>Selector Head for desert application, maintained silver-coloured tested with coarse Arizona dust</p> <p>suitable contact blocks AS1 AZ B BF BZ BZ B439 CT CTF CTP CZ</p> <p>front bezel silver-coloured </p>	 <p>RRJWA_514</p>
		<p>suitable contact blocks AS1 AZ BZ BZ CT CZ</p> <p>front bezel silver-coloured </p>	 <p>RRJWB_514</p>
		<p>Selector Head for desert application, momentary, silver-coloured tested with coarse Arizona dust</p> <p>suitable contact blocks AS1 AZ BZ BZ CT CZ</p> <p>front bezel silver-coloured </p>	 <p>RRJSTB_514</p>



Key Switches (momentary/maintained)

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

About Us

Control Units

Panel Mount Jacks

Bus Technology

Enclosures

Terminal Blocks

Pedal Switches

Limit Switches

Type Index

→ Actuators

Illustration	Dimensions	Description	Type
--------------	------------	-------------	------

IP65

Key Actuator, maintained, silver-coloured
including two keys
other lock types on request

suitable contact blocks	ASI AZ BZ BZ B439 CT CZ		90° 90°	RRJSSA12
front bezel	silver-coloured			
suitable contact blocks	ASI AZ BZ BZ B439 CT CZ		90° 90°	RRJSSA13
front bezel	silver-coloured			
suitable contact blocks	ASI AZ B BF BZ BZ B439 CT CTF CTP CZ		90°	RRJSSA14
front bezel	silver-coloured			
suitable contact blocks	ASI AZ B BF BZ BZ B439 CT CTF CTP CZ		90°	RRJSSA15
front bezel	silver-coloured			
suitable contact blocks	ASI AZ B BF BZ BZ B439 CT CTF CTP CZ		90°	RRJSSA16
front bezel	silver-coloured			
suitable contact blocks	ASI AZ B BF BZ BZ B439 CT CTF CTP CZ		90°	RRJSSA17
front bezel	silver-coloured			
suitable contact blocks	ASI AZ B BF BZ BZ B439 CT CTF CTP CZ		90°	RRJSSA18
front bezel	silver-coloured			

IP65

Key Actuator, maintained, silver-coloured
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	ASI AZ BZ BZ B439 CT CZ		90° 90°	RRJSSA31
front bezel	silver-coloured			

IP65

Key Actuator, momentary, silver-coloured
including two keys
other lock types on request

suitable contact blocks	ASI AZ BZ BZ B439 CT CZ		45° 45°	RRJSSA23
front bezel	silver-coloured			
suitable contact blocks	ASI AZ B BF BZ BZ B439 CT CTF CTP CZ		45°	RRJSSA28
front bezel	silver-coloured			

RONTRON-R-JUWEL

Ø 22.3 mm

made in germany



Key Switches (momentary/maintained)

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

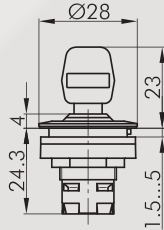
Illustration

Dimensions

Description

Type

IP65



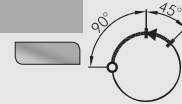
Key Actuator, left maintained, right momentary silver-coloured

suitable contact blocks

AS1 AZ BZ BZ B439 CT CZ

front bezel

silver-coloured



RRJSSA25

About Us

Control Units

Actuators

Panel Mount Jocks

Bus Technology

Enclosures

Terminal Blocks


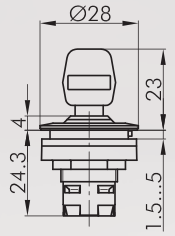








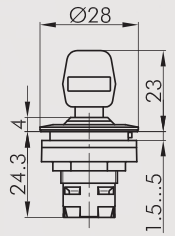
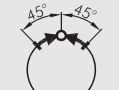

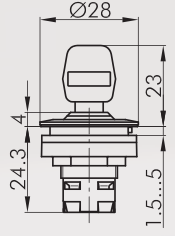

Pedal Switches

Limit Switches

Type Index

Key Switches (momentary/maintained)
made of stainless steel V4A (1.4404)

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

Illustration	Dimensions	Description	Type
		Key Actuator, maintained, stainless steel suitable contact blocks ASI AZ BZ BZ B439 CT CZ front bezel stainless steel, polished	 RRJVASSA12
		suitable contact blocks ASI AZ BZ BZ B439 CT CZ front bezel stainless steel, polished	 RRJVASSA13
		suitable contact blocks ASI AZ B BF BZ BZ B439 CT CTF CTP CZ front bezel stainless steel, polished	 RRJVASSA14
		suitable contact blocks ASI AZ B BF BZ BZ B439 CT CTF CTP CZ front bezel stainless steel, polished	 RRJVASSA15
		suitable contact blocks ASI AZ B BF BZ BZ B439 CT CTF CTP CZ front bezel stainless steel, polished	 RRJVASSA16
		suitable contact blocks ASI AZ B BF BZ BZ B439 CT CTF CTP CZ front bezel stainless steel, polished	 RRJVASSA17
		suitable contact blocks ASI AZ B BF BZ BZ B439 CT CTF CTP CZ front bezel stainless steel, polished	 RRJVASSA18
			
Key Actuator, momentary, stainless steel including two keys other lock types on request suitable contact blocks ASI AZ BZ BZ B439 CT CZ front bezel stainless steel, polished	 RRJVASSA23		
		suitable contact blocks ASI AZ B BF BZ BZ B439 CT CTF CTP CZ front bezel stainless steel, polished	 RRJVASSA28

About Us

Control Units

Panel Mount Jacks

Bus Technology

Enclosures

Terminal Blocks

Pedal Switches

Limit Switches

Type Index

→ Actuators

RONTRON-R-JUWEL

Ø 22.3 mm

made in germany



About Us

Key Switches (momentary/maintained)

made of stainless steel V4A (1.4404)

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

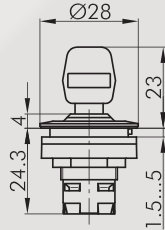
Illustration

Dimensions

Description

Type

IP65



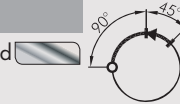
Key Actuator, left maintained, right momentary stainless steel

suitable contact blocks



front bezel

stainless steel, polished



RRJVASSA25



Standard Spare Keys

standard spare key, specify key number for special locks

ESMIC482

Panel Mount Jacks

Bus Technology

Enclosures

Terminal Blocks


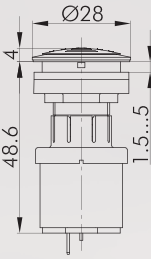


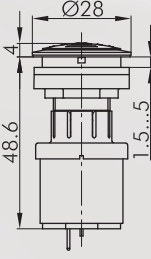


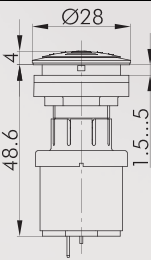


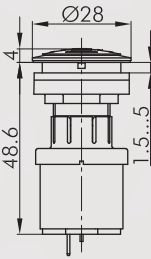


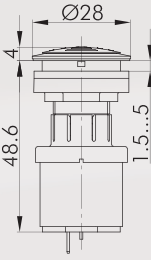

Pedal Switches

Limit Switches

Type Index



Buzzers

Illustration	Dimensions	Description	Type
		<p>Buzzer, silver-coloured</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 silver-coloured </p>	RRJNSG+SG-24V
		<p>Buzzer, stainless steel</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 stainless steel, polished </p>	RRJVANSG+SG-24V
		<p>Interval Buzzer, silver-coloured</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 silver-coloured </p>	RRJNSG+SIG-24V
		<p>Interval Buzzer, stainless steel</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 stainless steel, polished </p>	RRJVANSG+SIG-24V
		<p>Illuminated Buzzer, silver-coloured</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 silver-coloured </p>	RRJNSGL+SGLR-24V

Buzzers

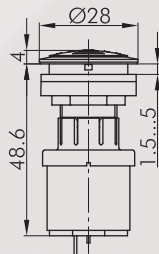
Illustration

Dimensions

Description

Type

IP65



Illuminated Buzzer, stainless steel

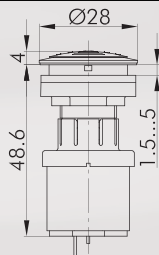
Operating voltage: 12 ... 24V AC/DC
 Operating current: approx. 30mA
 Signal frequency: 3.5 +/- 0.5 kHz
 Volume: max. 85 db (10cm, 24V)
 max. 80 db (10cm, 12V)

Operating temperature: -20°C ... 60°C

front bezel stainless steel, polished

**RRJVANSGL+
SGLR-24V**

IP65



Illuminated Interval Buzzer, silver-coloured

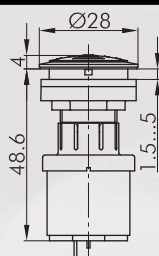
operating voltage: 12 ... 24V AC/DC
 operating current: approx. 30mA
 signal frequency: 3.5 +/- 0.5 Hz
 volume: max. 85 db (10cm, 24V)
 max. 80 db (10cm, 12V)

interval: 1 s
 operating temperature: -20°C ... 60°C

front bezel silver-coloured

**RRJNSGL+SGILR-
24V**

IP65



Illuminated Interval Buzzer, stainless steel

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)

Interval: 1 s
 Operating temperature: -20°C ... 60°C

front bezel stainless steel, polished

**RRJVANSGL+
SGILR-24V**



Faston Clamp 2.8 x 0.8 mm with snap-in pin

FH2,8

Cross section 0.75 - 1.50 mm², 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


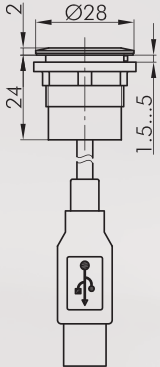


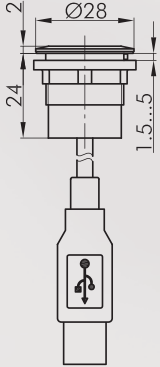


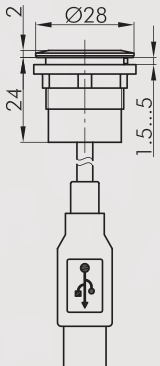


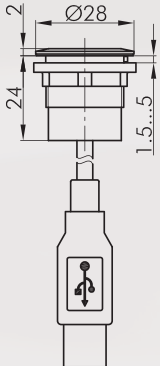



Double Faston

FD2,8

for the connection of 2 Faston clamps FH2.8

Panel Mount Jacks

Illustration	Dimensions	Description	Type
		<p>USB Jack, silver-coloured</p> <p>front: USB jack type A</p> <p>rear: USB2.0 cable (length 60 cm) with plug type A</p> <p>other lengths on request</p> <p>Attention: Mounting position of USB jack does not conform to the USB2.0 specification.</p> <p>front bezel silver-coloured </p>	RRJ_USB
		<p>USB Jack, stainless steel</p> <p>front: USB jack type A</p> <p>rear: USB2.0 cable (length 60 cm) with plug type A</p> <p>other lengths on request</p> <p>Attention: Mounting position of USB jack does not conform to the USB2.0 specification.</p> <p>front bezel stainless steel, polished </p>	RRJVA_USB
		<p>USB3.0 Jack, silver-coloured</p> <p>front: USB jack type A</p> <p>rear: USB3.0 cable (length 60 cm) with plug type A</p> <p>other lengths on request</p> <p>front bezel silver-coloured </p>	RRJ_USB3
		<p>USB3.0 Jack, stainless steel</p> <p>front: USB jack type A</p> <p>rear: USB3.0 cable (length 60 cm) with plug type A</p> <p>other lengths on request</p> <p>front bezel stainless steel, polished </p>	RRJVA_USB3

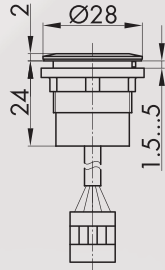
Panel Mount Jacks

Illustration

Dimensions

Description

Type



USB Jack, silver-coloured

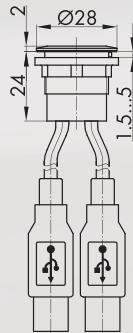
front:
USB jack type A

rear:
USB2.0 cable (length 100 cm) with jack housing, 5 poles
(spacing 2.54 mm)
for direct connection to a motherboard

other lengths on request
front bezel silver-coloured



**RRJ_USB-
100CM_673**



Double USB Jack, silver-coloured

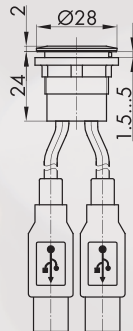
front:
2x USB jack type A

rear:
2x USB2.0 cable (length 60 cm) with plug type A

other lengths on request
front bezel silver-coloured



RRJ_2USB



Double USB Jack, stainless steel

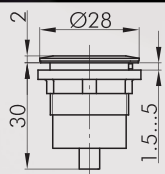
front:
2x USB jack type A

rear:
2x USB2.0 cable (length 60 cm) with plug type A

other lengths on request
front bezel stainless steel, polished



RRJVA_2USB



USB Jack, silver-coloured

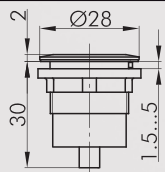
front:
USB jack type A

rear:
USB jack type A

front bezel silver-coloured



RRJ_USB_AA



USB Jack, stainless steel

front:
USB jack type A

rear:
USB jack type A

front bezel stainless steel, polished



RRJVA_USB_AA

Panel Mount Jacks


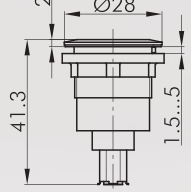


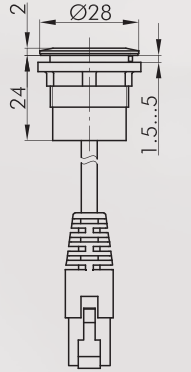


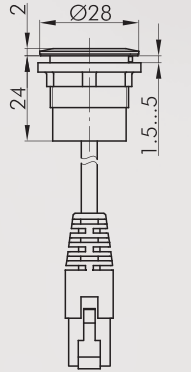


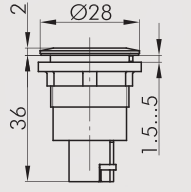


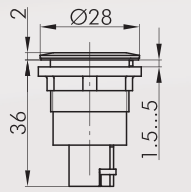

Illustration	Dimensions	Description	Type
		USB3.0 Jack, silver-coloured pinout 1:1 front: USB jack type A rear: USB jack type A front bezel silver-coloured	RRJ_USB3_AA
		USB3.0 Jack, stainless steel pinout 1:1 front: USB jack type A rear: USB jack type A front bezel stainless steel, polished	RRJVA_USB3_AA
		USB3.0 Jack, silver-coloured Pinout: twisted data line front: USB jack type A rear: USB jack type A front bezel silver-coloured	RRJ_USB3_AA_633
		USB3.0 Jack, stainless steel Pinout: twisted data line front: USB jack type A rear: USB jack type A front bezel stainless steel, polished	RRJVA_USB3_AA633
		USB Jack, silver-coloured front: USB jack type A rear: USB jack type B front bezel silver-coloured	RRJ_USB_AB
		USB Jack, stainless steel front: USB jack type A rear: USB jack type B front bezel stainless steel, polished	RRJVA_USB_AB

Panel Mount Jacks


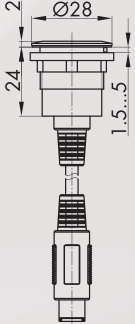


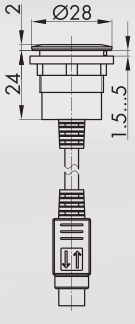


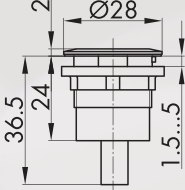


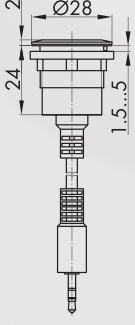


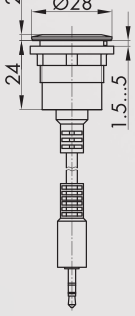

- About Us
- Control Units
- Actuators
- Panel Mount Jacks
- Bus Technology
- Enclosures
- Terminal Blocks
- Pedal Switches
- Limit Switches
- Type Index

Illustration	Dimensions	Description	Type
		<p>USB Jack, silver-coloured</p> <p>front: USB jack type B</p> <p>rear: USB jack type A</p> <p>front bezel silver-coloured</p>	RRJ_USB_BA
		<p>USB Jack, stainless steel</p> <p>front: USB jack type B</p> <p>rear: USB jack type A</p> <p>front bezel stainless steel, polished</p>	RRJVA_USB_BA
		<p>USB Jack, silver-coloured</p> <p>front: USB jack type B</p> <p>rear: USB jack type B</p> <p>front bezel silver-coloured</p>	RRJ_USB_BB
		<p>USB Jack, stainless steel</p> <p>front: USB jack type B</p> <p>rear: USB jack type B</p> <p>front bezel stainless steel, polished</p>	RRJVA_USB_BB
		<p>USB Jack, silver-coloured</p> <p>front: USB jack type B</p> <p>rear: USB2.0 cable (length 50 cm) with plug type B</p> <p>front bezel silver-coloured</p>	RRJ_USB_BB_50CM
		<p>FireWire Jack, silver-coloured</p> <p>front: FireWire jack</p> <p>rear: FireWire jack</p> <p>front bezel silver-coloured</p>	RRJ_FW6_STB


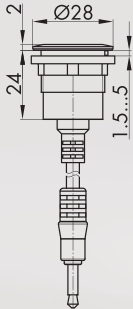


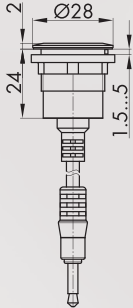


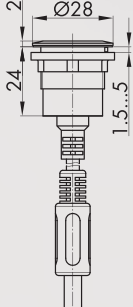


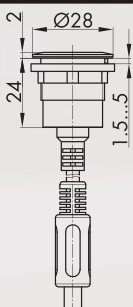

Panel Mount Jacks

Illustration	Dimensions	Description	Type
		<p>FireWire Jack, stainless steel</p> <p>front: FireWire jack</p> <p>rear: FireWire jack</p> <p>front bezel stainless steel, polished </p>	RRJVA_FW6_STB
		<p>RJ45 Jack, silver-coloured</p> <p>front: RJ45 jack with screen</p> <p>rear: 60 cm cable screened with RJ45 connector</p> <p>front bezel silver-coloured </p>	RRJ_RJ45
		<p>RJ45 Jack, stainless steel</p> <p>front: RJ45 jack with screen</p> <p>rear: 60cm cable with screened RJ45 connector</p> <p>front bezel stainless steel, polished </p>	RRJVA_RJ45
IP65 		<p>RJ45 Jack, silver-coloured</p> <p>front: RJ45 jack with screen</p> <p>rear: RJ45 jack with screen</p> <p>front bezel silver-coloured </p>	RRJ_RJ45_STB
		<p>RJ45 Jack, stainless steel</p> <p>front: RJ45 jack with screen</p> <p>rear: RJ45 jack with screen</p> <p>front bezel stainless steel, polished </p>	RRJVA_RJ45_STB

Panel Mount Jacks

Illustration	Dimensions	Description	Type
		<p>PS2 Jack, silver-coloured</p> <p>front: PS2 jack</p> <p>rear: PS2 cable (length 200 cm) with PS2 plug</p> <p>other lengths on request</p> <p>front bezel silver-coloured</p>	 <p>RRJ_PS2_200CM</p>
		<p>SVHS Jack, silver-coloured</p> <p>front: SVHS jack</p> <p>rear: SVHS cable (length 200 cm) with SVHS plug</p> <p>other lengths on request</p> <p>front bezel silver-coloured</p>	 <p>RRJ_SVHS_200CM</p>
		<p>HDMI Jack, silver-coloured</p> <p>front: HDMI jack</p> <p>rear: HDMI jack</p> <p>front bezel silver-coloured</p>	 <p>RRJ_HDMI_STB</p>
		<p>2.5 mm Jack Plug, silver-coloured</p> <p>front: 2.5 mm jack socket (TRS)</p> <p>rear: cable (length 200 cm) with 2.5 mm jack plug</p> <p>other lengths on request</p> <p>front bezel silver-coloured</p>	 <p>RRJ_KL2,5_200CM</p>
		<p>2.5 mm Jack Plug, stainless steel</p> <p>front: 2.5 mm jack socket (TRS)</p> <p>rear: cable length 200 cm) with 2.5 mm jack plug</p> <p>other lengths on request</p> <p>front bezel stainless steel, polished</p>	 <p>RRJVA_KL2,5_200</p>

Panel Mount Jacks

Illustration	Dimensions	Description	Type
		<p>3.5 mm Jack Plug, silver-coloured</p> <p>front: 3.5 mm jack socket (TRS)</p> <p>rear: cable (length 200 cm) with 3.5 mm jack plug</p> <p>other lengths on request front bezel silver-coloured </p>	RRJ_KL3,5_200CM
		<p>3.5 mm Jack Plug, stainless steel</p> <p>front: 3.5 mm jack socket (TRS)</p> <p>rear: cable length 200 cm) with 3.5 mm jack plug</p> <p>other lengths on request front bezel stainless steel, polished </p>	RRJVA_KL3,5_200
		<p>6.3 mm Jack Plug, silver-coloured</p> <p>front: 6.3 mm jack socket (TRS)</p> <p>rear: cable (length 200 cm) with 6.3 mm jack plug</p> <p>other lengths on request front bezel silver-coloured </p>	RRJ_KL6,3_200CM
		<p>6.3 mm Jack Plug, stainless steel</p> <p>front: 6.3 mm jack socket (TRS)</p> <p>rear: cable (length 200 cm) with 6.3 mm jack plug</p> <p>other lengths on request front bezel stainless steel, polished </p>	RRJVA_KL6,3_200

RONTRON-R-JUWEL

Ø 22.3 mm

made in germany



About Us

Control Units

Actuators

Panel Mount Jacks

Bus Technology

Enclosures

Terminal Blocks

Pedal Switches

Limit Switches

Type Index

Panel Mount Jacks

Illustration

Dimensions

Description


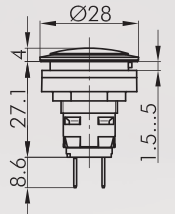


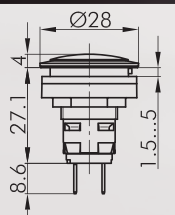


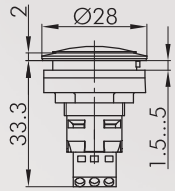


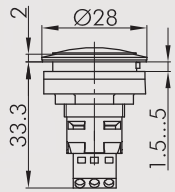

Type



**For panel mount jacks,
please refer to page 552**

Pilot Lights

Lenses and nameplates to be ordered separately

Illustration	Dimensions	Description	Type
 <p>IP65 Sun icon Wrench icon</p>		<p>Pilot Light with Faston Terminals 2.8x0.8 mm, silver-coloured W2x4.6d socket</p> <p>front bezel silver-coloured </p>	RRJL4
 <p>IP65 Sun icon Wrench icon</p>		<p>Pilot Light with Faston terminals 2.8x0.8 mm, stainless steel W2x4.6d socket</p> <p>front bezel stainless steel, polished </p>	RRJVAL4
 <p>IP65 Sun icon Wrench icon</p>		<p>Two-colour LED Pilot Light 24V, silver-coloured</p> <p>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</p> <p>incl. lens and nameplate LED colour red/green front bezel silver-coloured </p>	RRJL_24R_G
 <p>IP65 Sun icon Wrench icon</p>		<p>Two-colour LED Pilot Light 230V, silver-coloured</p> <p>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</p> <p>incl. lens and nameplate LED colour red/green front bezel silver-coloured </p>	RRJL_230R_G

About Us

Control Units

→ Actuators

Panel Mount Jacks

Bus Technology

Enclosures

Terminal Blocks

Pedal Switches

Limit Switches

Type Index

Ø 22.3 mm

Pilot Lights

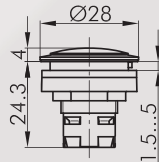
Lenses and nameplates to be ordered separately

Illustration

Dimensions

Description

Type



Pilot Light Head, silver-coloured

suitable lampholders

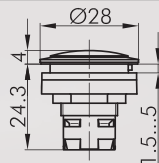
ASI B BF CT CTF CTP CZ

front bezel

silver-coloured



RRJN



Pilot Light Head, stainless steel

suitable lampholders

ASI B BF CT CTP CZ

front bezel

stainless steel, polished



RRJVAN



Lens

colour

blue



K22RRBL

yellow



K22RRGB

green



K22RRGN

clear



K22RRKL

red



K22RRRT

opalwhite



K22RRWS



Blank Nameplate

BSRRU



Nameplate with standard imprint

Please specify index number (see nameplates on pages 404)

BSRR...





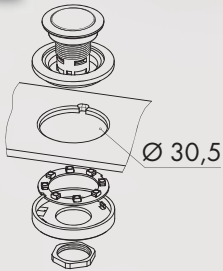










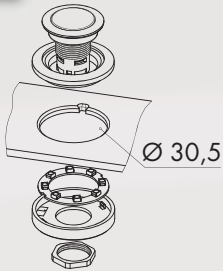






Nameplate with special imprint

according to customer's specification

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-Q-JUWEL, QUARTRON, QUARTRON-JUWEL, RX-JUWEL	S16															
		Mounting Tool with torque limitation for the series QUARTEX-R(-JUWEL), KOMBITAST-R-JUWEL, RONDEX, RONDEX-M, RVA, DUX-Basic, SHORTRON, jacks of the RONTRON-R/-Q-JUWEL series	S22															
		Mounting Tool Adapter with 1/4" connections for mounting tools S16 and S22	SRA															
 	Ø 30,5	LED Light 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	<table border="0"> <tr> <td>blue</td> <td></td> <td>LR22K_24B</td> </tr> <tr> <td>white</td> <td></td> <td>LR22K_24W</td> </tr> <tr> <td>red</td> <td></td> <td>LR22K_24R</td> </tr> <tr> <td>green</td> <td></td> <td>LR22K_24G</td> </tr> <tr> <td>yellow</td> <td></td> <td>LR22K_24Y</td> </tr> </table>	blue		LR22K_24B	white		LR22K_24W	red		LR22K_24R	green		LR22K_24G	yellow		LR22K_24Y
blue		LR22K_24B																
white		LR22K_24W																
red		LR22K_24R																
green		LR22K_24G																
yellow		LR22K_24Y																
 	Ø 30,5	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	<table border="0"> <tr> <td>red/green</td> <td></td> <td>LR22K_24R_G</td> </tr> </table>	red/green		LR22K_24R_G												
red/green		LR22K_24R_G																
		Connection Cable for LED light ring with open end, to connect the LED light rings to a voltage supply source, length approx. 80 cm, cross section 0.14 mm²	VK_JST3_014															

Accessories for Actuators

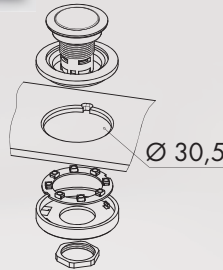
Illustration

Dimensions

Description

Type

IP65



RGB LED Light Ring for status indication or illumination

- as an additional light signal
- one-piece ring (360°)
- rated voltage 24V AC (half-wave rectifier)/DC
- up to 16.7 m colours are possible (colour mixing via PWM signal)

LED colour red/green/blue

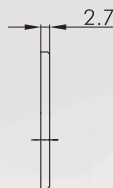
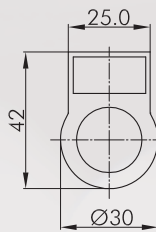
LR22K_24RGB



Connection Cable for RGB-LED Light Ring

VK_LRR22_RGB

with open end, to connect the RGB-LED light rings to a voltage supply source, length approx. 80 cm, cross section 0.14 mm²



External Nameplate Holder

for outside marking of the actuators of the RONTRON-R-JUWEL and SHORTRON series, accepts self-adhesive nameplates, mountable from the front

colour transparent



RRJABT

Self-adhesive Nameplate laser-printed

BZ16L

Inscription according to customer's specification
Dimensions: 22 x 11 mm



Self-adhesive Nameplate blank

BZ16U

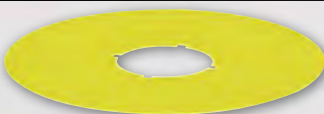
Dimensions: 22 x 11 mm



Self-adhesive Nameplate with standard imprint

BZ16B...

Please specify index no. (see nameplates on page 404)
Dimensions: 22 x 11 mm



Yellow Nameplate















self-adhesive PVC foil
printing on request
outer dia. 75 mm
for mounting dia. 22 mm

colour yellow



NAS_22

Accessories for Actuators

Illustration	Dimensions	Description	Type
		Yellow Nameplate with quadrilingual imprint self-adhesive PVC foil outer dia. 75 mm for mounting dia. 22 mm colour yellow	 NAS_22_548
		Lead-sealable Protective Lid from -30 °C to + 70°C colour transparent	 KDP22RR
		Lead-sealable, robust Protective Lid Lifetime: >100,000 cycles colour transparent black	 KDPR22RR  KDPR22RR_SW
		Protective Lid made of TPE from -50 °C to + 100°C colour black	 AK22RRSW
		Robust Aluminium Protection Cap - captive lid, threadable - suitable for all jacks of the Rontron-R-Juwel series colour silver-coloured	 SDAL22RR
		Universal Lens Remover	USK
		Dummy, silver-coloured to close unused mounting apertures front bezel silver-coloured	 BVRRJ
		Dummy, stainless steel to close unused mounting apertures front bezel stainless steel, polished	 BVRRJVA