



Front dimensions: Ø 28 mm
Panel cut-out: Ø 22.3 mm
Front bezel height: 2 mm
Travel: 6 mm





RONDEX-JUWEL®



Product configurator



Overview RONDEX-JUWEL® series



- 01 Pushbutton heads
- 02 Emergency-stop heads
- 03 Selector heads
- 04 Key actuators
- 05 Panel mount jacks
- 06 Pilot light heads

- page 264
- page 266
- page 267
- page 269
- page 272
- page 273

Contact blocks/lampholders

page 414

Housing colour



degree of protection



operating travel



tactile

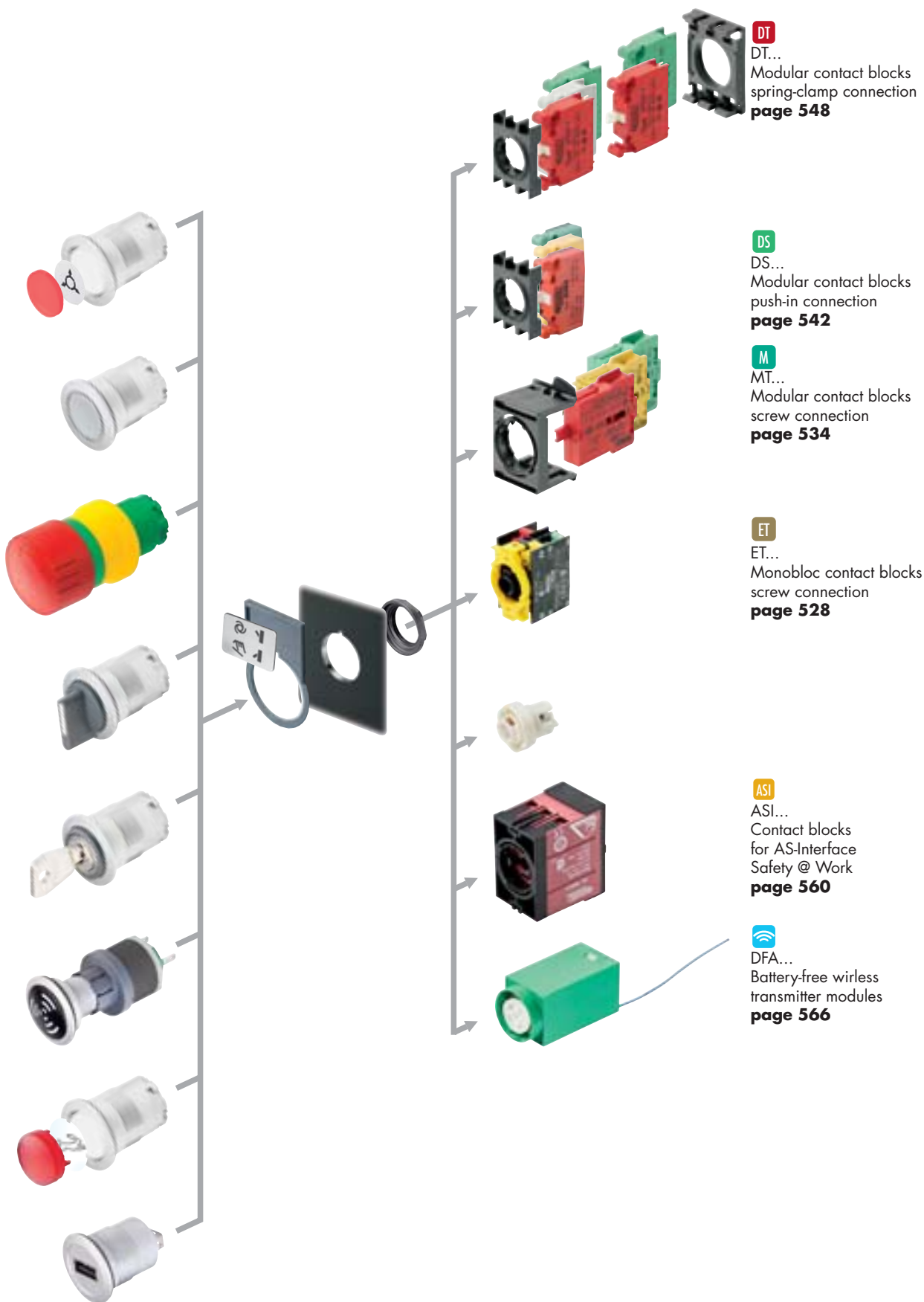


illuminating option



labelling option





DT
DT...
Modular contact blocks
spring-clamp connection
page 548

DS
DS...
Modular contact blocks
push-in connection
page 542

M
MT...
Modular contact blocks
screw connection
page 534

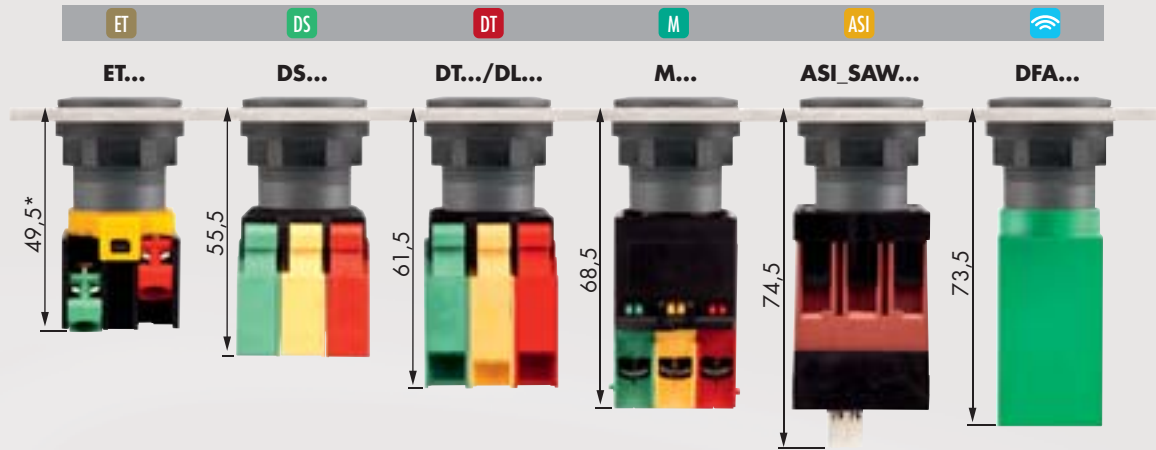
ET
ET...
Monobloc contact blocks
screw connection
page 528

ASI
ASI...
Contact blocks
for AS-Interface
Safety @ Work
page 560

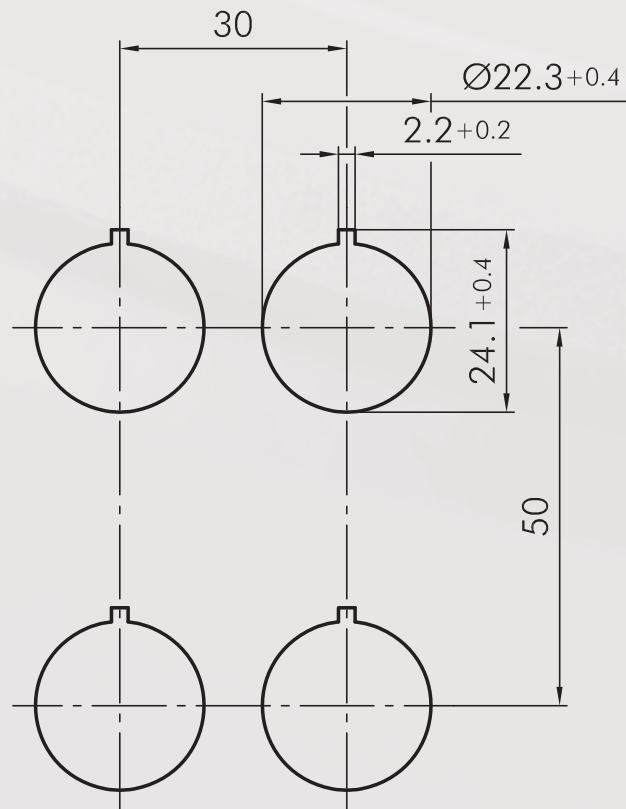
DFA
DFA...
Battery-free wireless
transmitter modules
page 566

Ø 22.3 mm

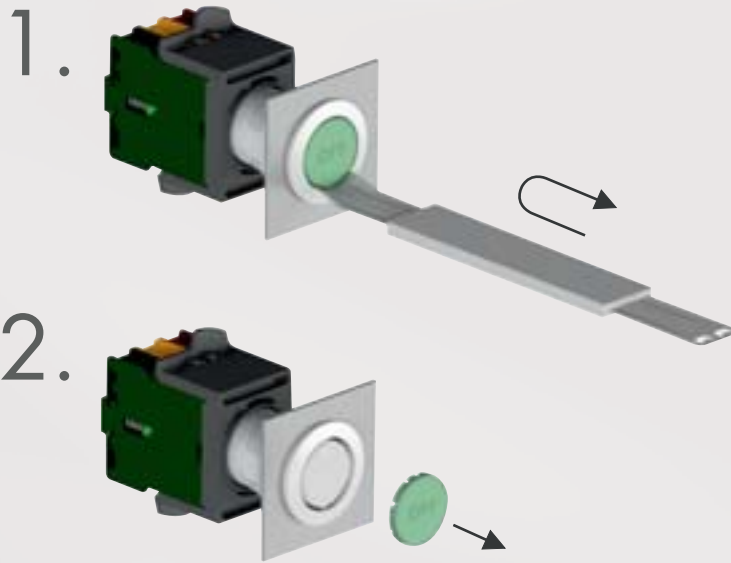
Mounting depth dimensions



Cutout dimensions



Mounting and service instructions



Pushbuttons

lenses and nameplates to be ordered separately

Illustration

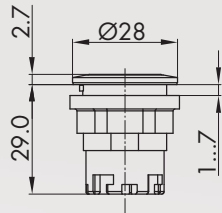
Dimensions

Description

Type

IP65
IP67

6 mm



Pushbutton head

suitable contact blocks:

DS DT ET M

front bezel:

silver-coloured

charcoal

stainless steel, polished



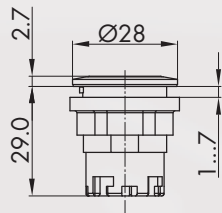
JRMT

JRT

JRVAT

IP65
IP67

4 mm



Short-stroke pushbutton head

suitable contact blocks:

DS

front bezel

silver-coloured

charcoal

stainless steel, polished



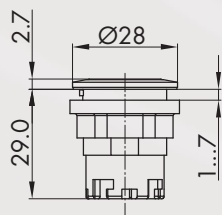
JRMD

JRD

JRVAD

IP65
IP67

6 mm



Pushbutton head, maintained

suitable contact blocks:

DS DT ET M

front bezel:

silver-coloured

charcoal

stainless steel, polished



JRMF

JRF

JRVAF

Accessories

Flat lens, transparent

colour

blue

yellow

green

clear

red

opal white



T22RRBL

T22RRGB

T22RRGN

T22RRKL

T22RRRT

T22RRWS

Flat lens, non-transparent

colour:

blue

yellow

green

black

red

white

silver-coloured



T22RRGBL

T22RRGGB

T22RRGGN

T22RRGSW

T22RRGRT

T22RRGWS

T22RRGM

Pushbuttons

lenses and nameplates to be ordered separately

Illustration

Dimensions

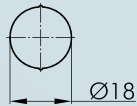
Description

Type



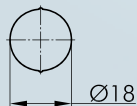
High lens, transparent

colour:	blue		T22HRRBL
	yellow		T22HRRGB
	green		T22HRRGN
	clear		T22HRRKL
	red		T22HRRRT
	opal white		T22HRRWS



Blank nameplate

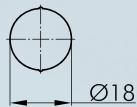
BSRRU



Nameplate with standard imprint

please specify index number (see nameplates from page 634)

BSRR...

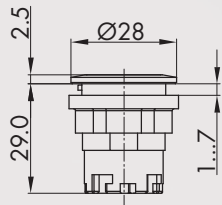


Nameplate with special imprint

according to customer's specification

BSRRB

IP65
IP67



Pushbutton head with ring illumination

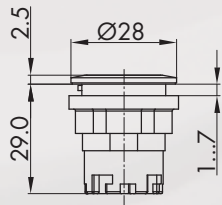
incl. lens

suitable contact blocks:



front bezel:	silver-coloured		JRMTLR JRVATLR
	stainless steel, polished		

IP65
IP67



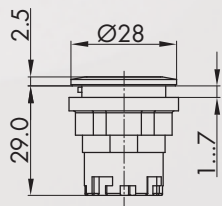
Short-stroke pushbutton head with ring illumination

suitable contact blocks:



front bezel:	silver-coloured		JRMDLR JRVADLR
	stainless steel, polished		

IP65
IP67



Pushbutton head with ring illumination and laser printing

incl. lens,

with laser printing translucent, standard imprints see nameplates from page 634 (please specify index number), special inscription on request

suitable contact blocks:



front bezel:	silver-coloured		JRMTLRL... JRVATLRL...
	stainless steel, polished		

Emergency-Stops

Illustration

Dimensions

Description

Type

Accessories

IP67

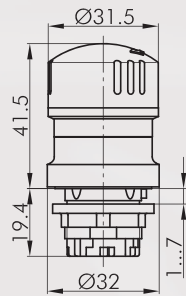


Sealing cap

made of silicone rubber, down to -50°C

TK28S

IP65
IP67
IP69K



Emergency-stop head

Foolproof:	yes
Switching position indicator:	yes
Permissive Contact:	no
Anti-lock collar:	no
Release:	twist right or left
Standard:	EN 60947-5-1, EN 60947-5-5, EN ISO 13850



suitable contact blocks:



front bezel:	yellow	
Mushroom head:	red	

QRUV



For further emergency stops, please refer to the chapter "Emergency-stop Heads" starting on page 594

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

Selector Switches (momentary/maintained)

I = Switching position
> = Spring return

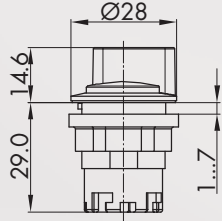
Illustration

Dimensions

Description

Type

IP65



Selector head, maintained

suitable contact blocks:



front bezel:

silver-coloured



charcoal



stainless steel, polished



JRMWA

JRWA

JRVAWA

suitable contact blocks:



front bezel:

silver-coloured



charcoal



stainless steel, polished

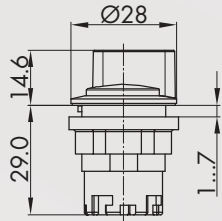


JRMWB

JRWB

JRVAWB

IP65



Selector head, momentary

suitable contact blocks:



front bezel:

silver-coloured



charcoal



stainless steel, polished



JRMSTA

JRSTA

JRVASTA

suitable contact blocks:



front bezel:

silver-coloured



charcoal



stainless steel, polished

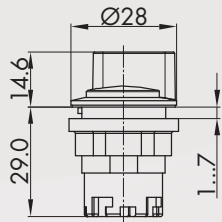


JRMSTB

JRSTB

JRVASTB

IP65



Selector head, left maintained, right momentary

suitable contact blocks:



front bezel:

silver-coloured



charcoal



stainless steel, polished

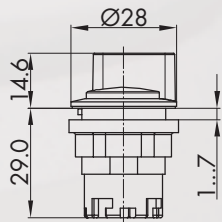


JRMWC

JRWVC

JRVAWC

IP65



Illuminated selector head, maintained

inclusive five small transparent colour plates in red, yellow, white, green and blue

suitable contact blocks:



front bezel:

silver-coloured



charcoal



stainless steel, polished



JRMWAL

JRWAL

JRVAWAL

suitable contact blocks:



front bezel:

silver-coloured



charcoal



stainless steel, polished





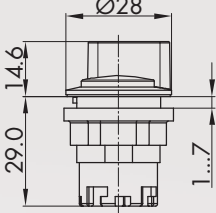






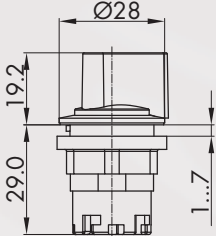






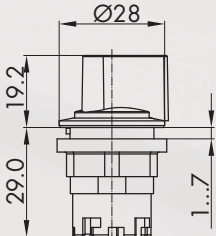






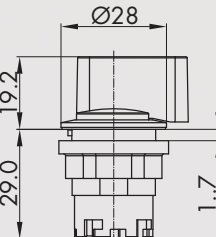





JRMWBL

JRWBL

JRVAWBL

Selector Switches (momentary/maintained)
two-piece plunger for selector heads with 3 switching positions (see page 13)

I = Switching position
> = Spring return

Illustration	Dimensions	Description	Type
<p>IP65</p>  		<p>Illuminated selector head, left maintained, right momentary inclusive four small transparent colour plates in red, yellow, white, green and blue</p> <p>suitable contact blocks: </p> <p>front bezel: silver-coloured  charcoal  stainless steel, polished </p> 	<p>JRMWCL JRWCL JRVAWCL</p>
<p>IP65</p> 		<p>Handy selector head, maintained handy usability, also with gloves</p> <p>suitable contact blocks: </p> <p>front bezel: silver-coloured  charcoal  stainless steel, polished </p> 	<p>JRMGWA JRGWA JRVAGWA</p>
<p>IP65</p> 		<p>Handy selector head, momentary handy usability, also with gloves</p> <p>suitable contact blocks: </p> <p>front bezel: silver-coloured  charcoal  stainless steel, polished </p> 	<p>JRMGSTA JRGSTA JRVAGSTA</p>
<p>IP65</p> 		<p>Handy selector head, left maintained, right momentary handy usability, also with gloves</p> <p>suitable contact blocks: </p> <p>front bezel: silver-coloured  charcoal  stainless steel, polished </p> 	<p>JRMGWC JRGWC JRVAGWC</p>

Key Switches (momentary/maintained)
two-piece plunger for key switches with 3 switching positions (see page 13)

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

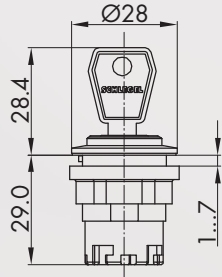
Illustration

Dimensions

Description

Type

IP65



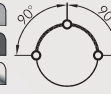
Key actuator, maintained

including two keys
other lock types on request

suitable contact blocks:



front bezel: silver-coloured
charcoal
stainless steel, polished

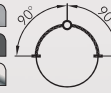


JRMSSA12E
JRSSA12E
JRVASSA12E

suitable contact blocks:



front bezel: silver-coloured
charcoal
stainless steel, polished



JRMSSA13E
JRSSA13E
JRVASSA13E

suitable contact blocks:



front bezel: silver-coloured
charcoal
stainless steel, polished

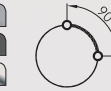


JRMSSA14E
JRSSA14E
JRVASSA14E

suitable contact blocks:



front bezel: silver-coloured
charcoal
stainless steel, polished



JRMSSA15E
JRSSA15E
JRVASSA15E

suitable contact blocks:



front bezel: silver-coloured
charcoal
stainless steel, polished



JRMSSA16E
JRSSA16E
JRVASSA16E

suitable contact blocks:



front bezel: silver-coloured
charcoal
stainless steel, polished



JRMSSA17E
JRSSA17E
JRVASSA17E

suitable contact blocks:



front bezel: silver-coloured
charcoal
stainless steel, polished



JRMSSA18E
JRSSA18E
JRVASSA18E

suitable contact blocks:



front bezel: silver-coloured
charcoal
stainless steel, polished



JRMSSA19E
JRSSA19E
JRVASSA19E

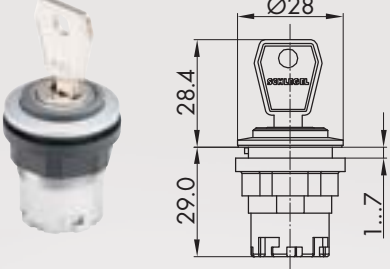
Key Switches (momentary/maintained)

two-piece plunger for key switches with 3 switching positions (see page 13)

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

Illustration	Dimensions	Description	Type
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IP65



Key actuator, momentary
including two keys
other lock types on request

suitable contact blocks:
DS DT M

front bezel: silver-coloured charcoal stainless steel, polished

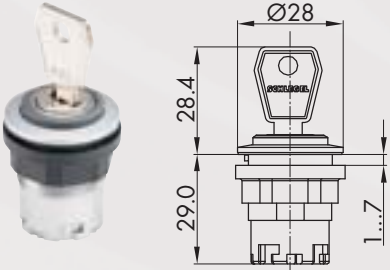
suitable contact blocks:
DS DT ET M

front bezel: silver-coloured charcoal stainless steel, polished

JRMSSA23E
JRSSA23E
JRVASSA23E

JRMSSA28E
JRSSA28E
JRVASSA28E

IP65



suitable contact blocks:
DS DT M

front bezel: silver-coloured charcoal stainless steel, polished


suitable contact blocks:
DS DT M

front bezel: silver-coloured charcoal stainless steel, polished

JRMSSA24E
JRSSA24E
JRVASSA24E

JRMSSA25E
JRSSA25E
JRVASSA25E

Accessories



Spare key (standard)
standard spare key, specify key number for special locks

ESE845

Buzzers

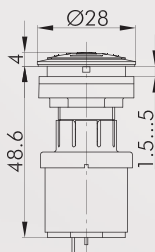
Illustration

Dimensions

Description



Type

IP65



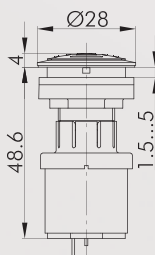
Buzzer

operating voltage: 12 ... 24V AC/DC
 operating current: 5mA (12V DC)
 16mA (24V DC)
 signal frequency: 3.8 +/- 0.5 kHz
 volume: max. 85 db (10 cm, 24V)
 max. 80 db (10 cm, 12V)
 operating temperature: -20°C ... 60°C
 Connection type: Faston terminals 2.8x0.8 mm

front bezel: silver-coloured 
 stainless steel, polished 



RRJNSG+SG-24V
RRJVANSG+SG-24V

IP65



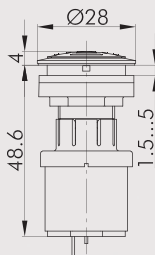
Interval buzzer

operating voltage: 12 ... 24V DC
 operating current: max. 30mA
 signal frequency: 3.5 +/- 0.5 kHz
 volume: max. 85 db (10 cm, 24V)
 max. 80 db (10 cm, 12V)
 intervall: 1s
 operating temperature: -20°C ... 60°C
 Connection type: Faston terminals 2.8x0.8 mm

front bezel: silver-coloured 
 stainless steel, polished 



RRJNSG+SGL-24V
RRJVANSG+SGL-24V

IP65



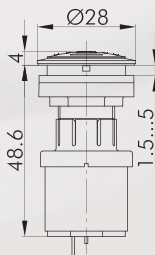
Illuminated buzzer

operating voltage: 12 ... 24V AC/DC
 operating current: abt. 30mA
 signal frequency: 3.5 +/- 0.5 kHz
 volume: max. 85 db (10 cm, 24V)
 max. 80 db (10 cm, 12V)
 operating temperature: -20°C ... +60°C
 Connection type: Faston terminals 2.8x0.8 mm

front bezel: silver-coloured 
 stainless steel, polished 



RRJNSGL+SGLR-24V
RRJVANSGL+SGLR-24V

IP65



Illuminated interval buzzer

operating voltage: 12 ... 24V DC
 operating current: abt. 30mA
 signal frequency: 3.5 +/- 0.5 kHz
 volume: max. 85 db (10 cm, 24V)
 max. 80 db (10 cm, 12V)
 intervall: 1s
 operating temperature: -20°C ... +60°C
 Connection type: Faston terminals 2.8x0.8 mm

front bezel: silver-coloured 
 stainless steel, polished 

RRJNSGL+SGLIR-24V
RRJVANSGL+SGLIR-24V

Panel Mount Jacks

Illustration

Dimensions

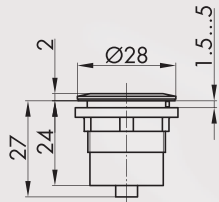
Description

Type



For panel mount jacks, please refer to page 572

IP65



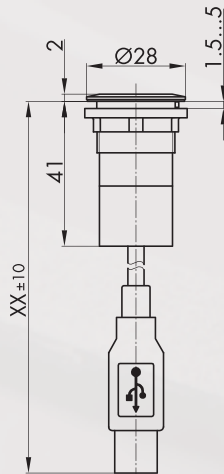
WiFi antenna

standard: IEEE 802.11 ac/a/b/g/n
connection: MCX jack
colour: silver-coloured



RRJ_WLA_01

IP65



WiFi adapter to USB

specification: IEEE 802.11 n conform downward compatible to IEEE 802.11 g/b supports 64/128-bit WEP, WPA and WPA2 encoding
system requirement: Windows XP, Vista, 7, 8, 8.1, 10, Mac OS X and Linux
connection: USB 2.0 cable (length XX=1500 mm)
colour: silver-coloured



RRJ_WLU_01



RFID components are available under www.schlegel.biz

Pilot Lights

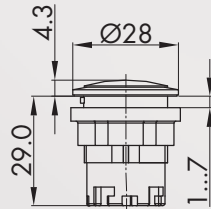
Lenses and nameplates to be ordered separately

Illustration

Dimensions

Description

Type



Pilot light head

suitable contact blocks:

DS DT ET M

front bezel:

silver-coloured

charcoal

stainless steel, polished



JRMN

JRN

JRVAN

Accessories



Lens

colour:

blue

yellow

green

clear

red

opal white



K22RRBL

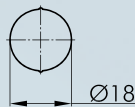
K22RRGB

K22RRGN

K22RRKL

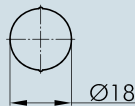
K22RRRT

K22RRWS



Blank nameplate

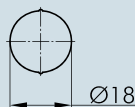
BSRRU



Nameplate with standard imprint

please specify index number (see nameplates from page 634)

BSRR...



Nameplate with special imprint

according to customer's specification

BSRRB



Mounting tool 22

with torque limitation

for the series QUARTEX-R(-JUWEL), KOMBITAST-R-JUWEL, RONDEX, RONDEX-M, RONDEX-JUWEL, RVA, DUX-Basic, SHORTRON, jacks of the ranges RONTRON-R/-Q-JUWEL

S22


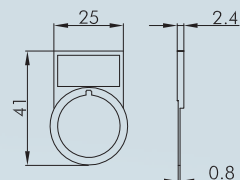












Mounting tool adapter with 1/4" connections













for mounting tools S16 and S22

SRA

Accessories for Pushbuttons and Switches

Illustration	Dimensions	Description	Type
 		External nameplate holder for outside marking of the actuators of the RX-JUWEL, RONDEX-JUWEL series, accepts self-adhesive nameplates colour: charcoal  silver-coloured 	RXJABT RXJMABT
		Self-adhesive nameplate laser-printed inscription according to customer's specification dimensions: 22 x 11 mm	BZ16L...
		Self-adhesive nameplate blank dimensions: 22 x 11 mm	BZ16U
		Self-adhesive nameplate with standard imprint please specify index number(see nameplates from page 634) dimensions: 22 x 11 mm	BZ16B...
		Yellow nameplate self-adhesive PVC foil printing on request outer dia. 75 mm for mounting dia. 22.3 mm colour: yellow 	NAS_22
		Yellow nameplate with quadrilingual imprint self-adhesive PVC foil outer dia. 75 mm for mounting dia. 22.3 mm colour: yellow 	NAS_22_548
		Lead-sealable protective lid colour: transparent 	KDP22RR

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Illustration	Dimensions	Description	Type
		<p>Lead-sealable, robust, tight protective lid</p> <p>colour: transparent  black </p>	<p>KDPR22RR KDPR22RR_SW</p>
		<p>Protective lid made of TPE</p> <p>colour: black </p>	<p>AK22RRSW</p>
		<p>Robust tight protection cap</p> <ul style="list-style-type: none"> - captive lid, threadable - suitable for the series Rontron-R-Juwel, Rondex-Juwel and Shortron <p>colour: aluminum  stainless steel, polished </p>	<p>SDAL22RR SDVA22RR</p>
		<p>Universal lens remover</p>	<p>USK</p>
		<p>Dummy</p> <p>to close unused mounting apertures</p> <p>colour: silver-coloured  charcoal </p>	<p>BVJRM BVJR</p>