



Front dimensions: Ø 28 mm
Panel cut-out: Ø 22.3 mm
Front bezel height: 12 mm
Travel: 6 mm



 Product configurator



RONDEX


Overview RONDEX series





01 Pushbutton Heads	page 204	07 Key Actuators	page 209
02 Emergency Stop Buttons	page 206	08 Acoustic Buzzers	page 210
03 Mushroom Heads	page 206	09 Pilot Lights	page 211
04 Knob Set for Rotary Switch / Potentiometer	page 207		
05 Selector Heads	page 207	Contact Blocks / Lampholders	page 408
06 Toggle Heads	page 208		


Housing Colour

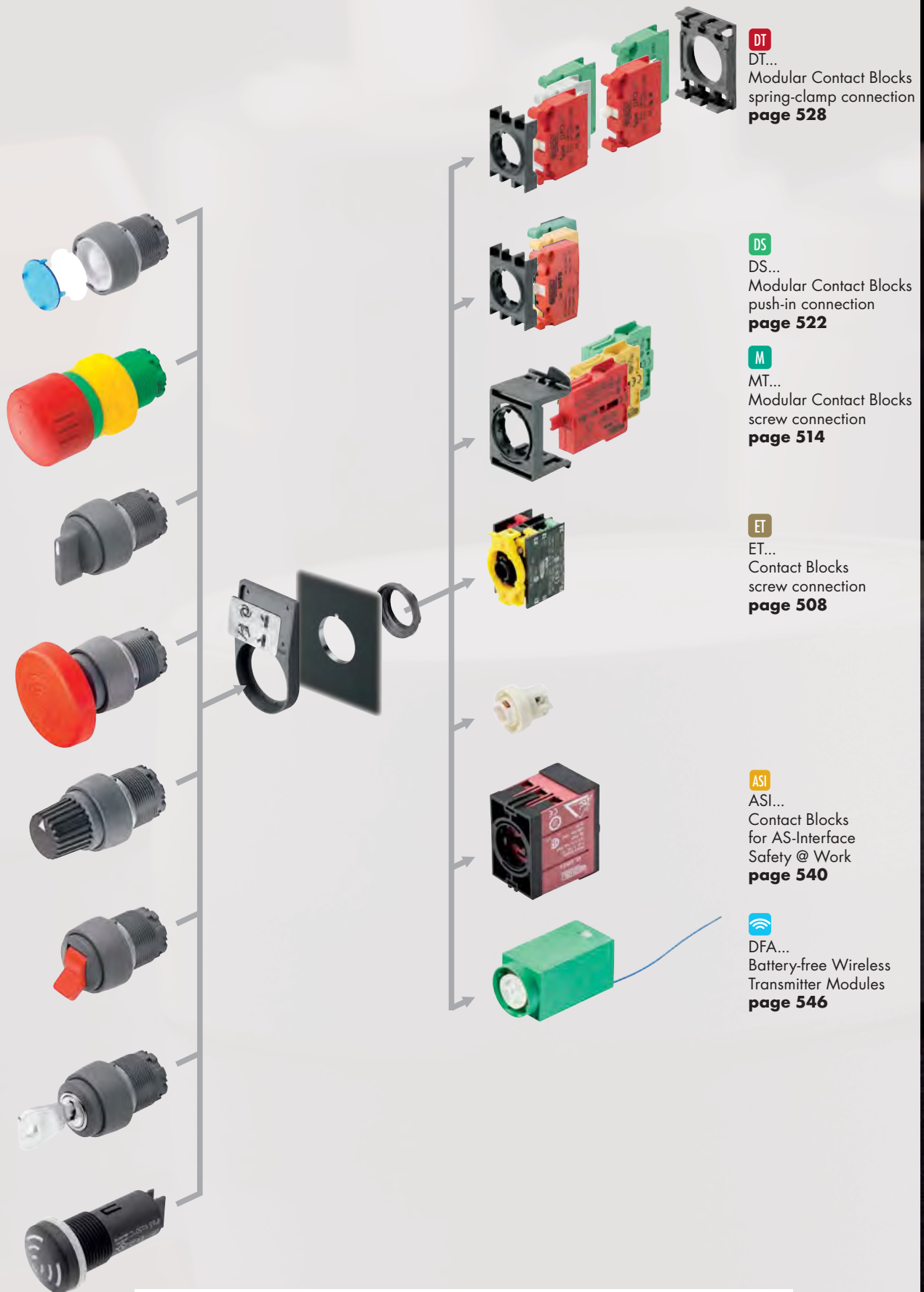


 IP65 degree of protection

 6 mm operating travel

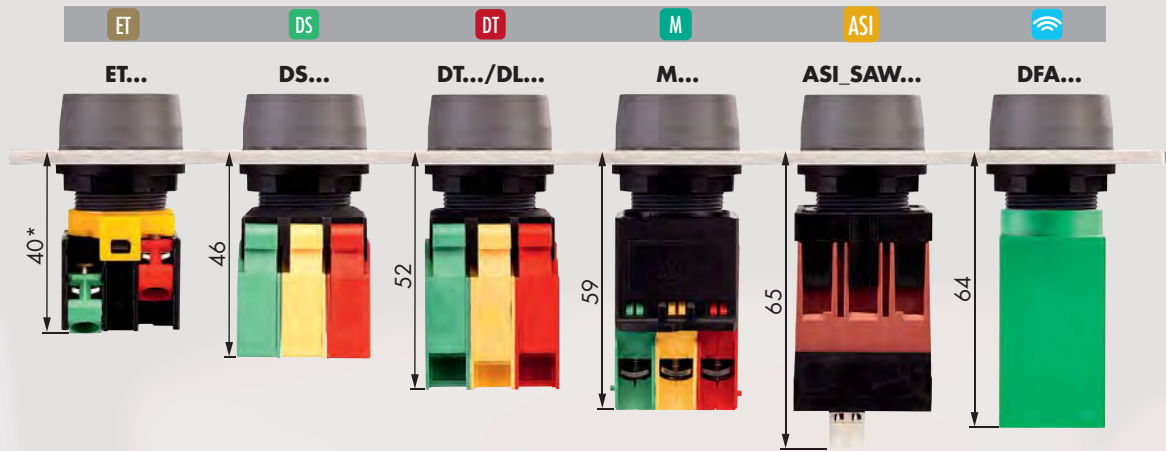
 illuminating option

 labelling option



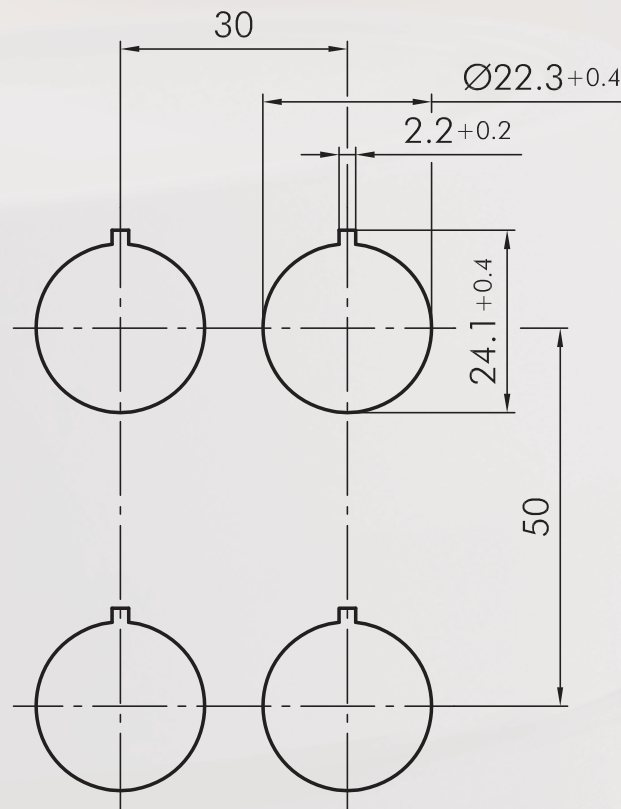
When combining the DT... contact blocks with key, selector and toggle heads, please add ..._497 to the actuator type reference!

Mounting Depth Dimensions

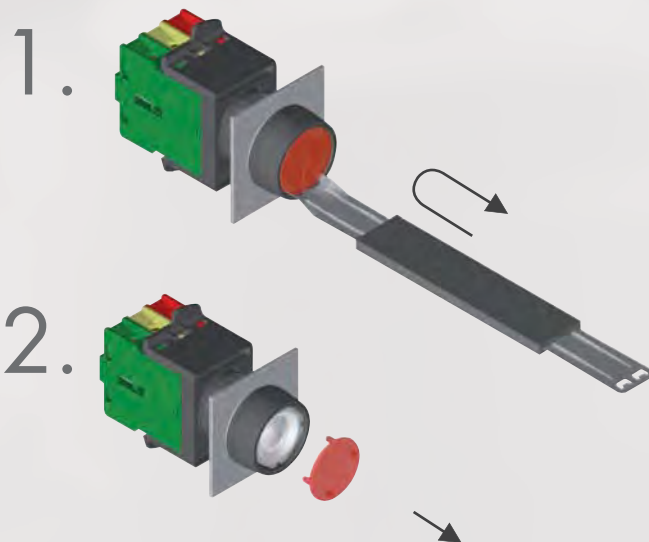


* ETR2 61mm, ETLR 50mm, ETLR2 70mm, EL9R 36mm

Cutout Dimensions



Mounting and Service Instructions



Pushbutton Heads

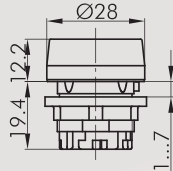
Lenses and nameplates to be ordered separately

Illustration

Dimensions

Description

Type



Pushbutton Head

suitable contact blocks



front bezel

charcoal



RT



Flat Lens, transparent

colour

blue



TG22BL

yellow



TG22GB

green



TG22GN

clear



TG22KL

red



TG22RT

opalwhite



TG22WS



Flat Lens, non-transparent

used in pushbuttons without inscription and illumination

colour

blue



TG22GBL

yellow



TG22GGB

green



TG22GGN

black



TG22GSW

red



TG22GRT

white



TG22GWS



High Lens, transparent

colour

blue



KH23BL

yellow



KH23GB

green



KH23GN

clear



KH23KL

red



KH23RT

opalwhite



KH23WS



High Lens, non-transparent

used in pushbuttons without inscription and illumination

colour

blue



TG22GHBL

yellow



TG22GHGB

green



TG22GHGN

black



TG22GHSW

red

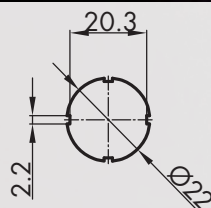


TG22GHRT

white



TG22GHWS



Nameplate with standard imprint

please specify index number (see nameplates on pages 404)

BSK...

Pushbutton Heads

Illustration	Dimensions	Description	Type																		
		Nameplate with special imprint according to customer's specification	BSKB																		
		Blank Nameplate	BSKU																		
		Membrane Pushbutton Head with tightly closed, transparent silicone cap, down to -50° C																			
		suitable contact blocks 																			
		front bezel charcoal	RTM																		
		Flat Lens, transparent colour <table border="0"> <tr> <td>blue</td> <td></td> <td>T20FBL</td> </tr> <tr> <td>yellow</td> <td></td> <td>T20FGB</td> </tr> <tr> <td>green</td> <td></td> <td>T20FGN</td> </tr> <tr> <td>clear</td> <td></td> <td>T20FKL</td> </tr> <tr> <td>red</td> <td></td> <td>T20FRT</td> </tr> <tr> <td>opalwhite</td> <td></td> <td>T20FWS</td> </tr> </table>	blue		T20FBL	yellow		T20FGB	green		T20FGN	clear		T20FKL	red		T20FRT	opalwhite		T20FWS	
blue		T20FBL																			
yellow		T20FGB																			
green		T20FGN																			
clear		T20FKL																			
red		T20FRT																			
opalwhite		T20FWS																			
		Nameplate with standard imprint Please specify index number (see nameplates on pages 404)	BSRX...																		
		Nameplate with special imprint according to customer's specification	BSRXB																		
		Blank Nameplate	BSRXU																		

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Limit Switches

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Pushbutton Heads
Emergency Stops
Mushroom Heads

Illustration

Dimensions

Description

Type

IP67



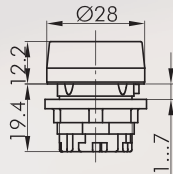
Sealing Cap

made of silicone rubber, down to -50°C

TK29S

IP65

6 mm



Economy Pushbutton Head

no inscription, no illumination

suitable contact blocks



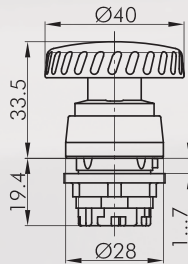
push-cap	green		
front bezel	charcoal		RTG
push-cap	red		RTR
push-cap	black		RTS
push-cap	white		RTW
push-cap	yellow		RTY
push-cap	blue		RTB



For further emergency stops, please refer to the chapter "Emergency-stop Heads" starting on page 366

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

IP65



Mushroom Head, latch-type

other mushroom colours on request, must be mounted onto yellow background!

foolproof	No
switching position indicator	No
anti-lock collar	No
release	twist
Standard	EN 60947-5-1, EN 60947-5-5, EN ISO 13850



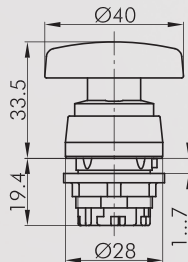
suitable contact blocks



mushroom head	red		
front bezel	charcoal		RV

IP65

6 mm



Mushroom Head, momentary

other mushroom colours on request

switching position indicator	No
anti-lock collar	No

suitable contact blocks



mushroom head	red		
front bezel	charcoal		RS


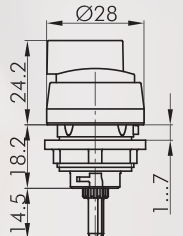

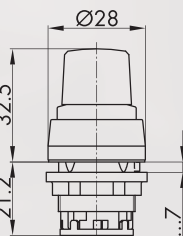

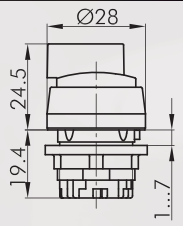



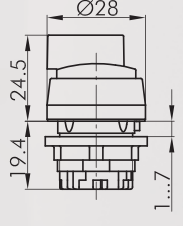



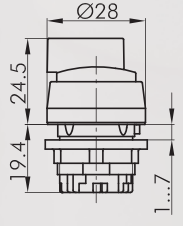
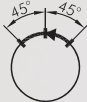
suitable contact blocks



mushroom head	black		RS_SW.PILZ
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Knob Set for rotary switches
Knob Set for potentiometers
Selector Switches (momentary/maintained)

I = Switching position
> = Spring return

Illustration	Dimensions	Description	Type
		<p>Knob Set for rotary switches, without inscription for Kraus & Naimer types CG4 and CA4</p> <p>other versions on request front bezel charcoal</p>	RDA
		<p>Knob Set for potentiometers for potentiometers of 6 mm shaft dia. and thread M10 x 0.75. Delivery without potentiometer. Shaft length: approx. 50 mm ± 2 mm incl. fastening thread front bezel charcoal</p>	RR
		<p>Selector Head, maintained</p> <p>suitable contact blocks DS DT ET M</p> <p>front bezel charcoal</p> <p>suitable contact blocks DT ET M</p> <p>front bezel charcoal</p>	 RWA  RWB
		<p>Selector Head, momentary</p> <p>suitable contact blocks DS DT ET M</p> <p>front bezel charcoal</p> <p>suitable contact blocks DT ET M</p> <p>front bezel charcoal</p>	 RSTA  RSTB
		<p>Selector Head, left maintained, right momentary</p> <p>suitable contact blocks DT ET M</p> <p>front bezel charcoal</p>	 RWC

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

I = Switching position
> = Spring return

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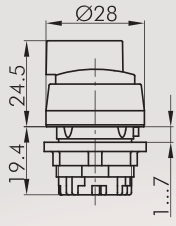

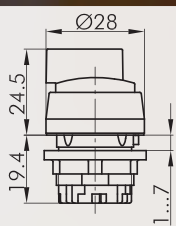

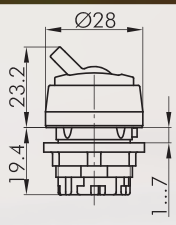
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Illustration	Dimensions	Description	Type
<p>IP65</p> 	 <p>Ø28 24.5 19.4 1...7</p>	<p>Illuminated Selector Head, maintained inclusive four small, transparent colour plates in red, yellow, green and blue</p> <p>suitable contact blocks DS DT ET M</p> <p>front bezel charcoal</p> <p>suitable contact blocks DS DT ET M</p> <p>front bezel charcoal</p>	<p>90°</p> <p>RWAL</p> <p>45° 45°</p> <p>RWBL</p>
<p>IP65</p> 	 <p>Ø28 24.5 19.4 1...7</p>	<p>Illuminated Selector Head, left maintained, right momentary inclusive four small, transparent colour plates in red, yellow, green and blue</p> <p>suitable contact blocks DS DT ET M</p> <p>front bezel charcoal</p>	<p>45° 45°</p> <p>RWCL</p>
<p>IP65</p> 	 <p>Ø28 23.2 19.4 1...7</p>	<p>Toggle Head red toggle (other colours on request)</p> <p>suitable contact blocks DS DT ET M</p> <p>knob colour red</p> <p>front bezel charcoal</p>	<p>RK</p>

Key Switches (momentary/maintained)

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

Illustration	Dimensions	Description	Type	
		Key Actuator, maintained including two keys other lock types on request suitable contact blocks DT ET M		
		front bezel charcoal		RSSA12E
		suitable contact blocks DT ET M		
		front bezel charcoal		RSSA13E
		suitable contact blocks DS DT ET M		
		front bezel charcoal		RSSA14E
		suitable contact blocks DS DT ET M		
		front bezel charcoal		RSSA15E
suitable contact blocks DS DT ET M				
front bezel charcoal		RSSA17E		
suitable contact blocks DS DT ET M				
front bezel charcoal		RSSA18E		
		Key Actuator, momentary suitable contact blocks DT ET M		
		front bezel charcoal		RSSA23E
		suitable contact blocks DS DT ET M		
front bezel charcoal		RSSA27E		
		Key Actuator, left maintained, right momentary suitable contact blocks DT ET M		
		front bezel charcoal		RSSA24E
		Spare Key (standard) standard spare key, specify key number for special locks	ESE845	

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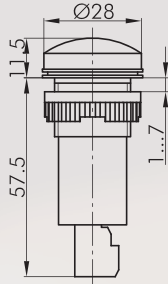
Buzzers

Illustration

Dimensions

Description

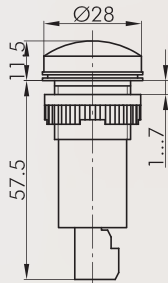
Type



Buzzer 230V

Operating voltage: 230V~
 Volume: 80 dB at 10 cm distance
 Mounting depth: 60 mm
 max. ambient temperature: -20°C up to 50°C
 Service life: > 5000 h
 front bezel black

RSG-230V



Buzzer 24V

Operating voltage: 18 - 30V AC/DC
 Volume: 80 dB at 10 cm distance
 Mounting depth: 60 mm
 max. ambient temperature: -20°C up to 50°C
 Service life: > 5000 h
 front bezel black

RSG-24V

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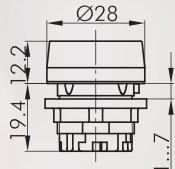







































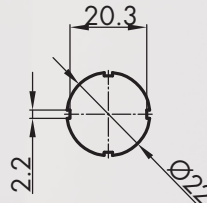
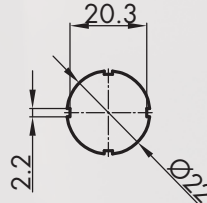

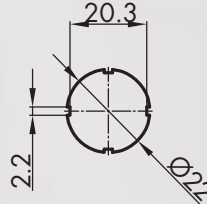
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Pilot Lights

Lenses and nameplates to be ordered separately

Illustration	Dimensions	Description	Type																		
 <p>IP65</p>		Pilot Light Head suitable lampholders DS DT ET M front bezel charcoal	RN																		
		Convex Lens colour	<table border="0"> <tr> <td>blue</td> <td></td> <td>KF23BL</td> </tr> <tr> <td>yellow</td> <td></td> <td>KF23GB</td> </tr> <tr> <td>green</td> <td></td> <td>KF23GN</td> </tr> <tr> <td>clear</td> <td></td> <td>KF23KL</td> </tr> <tr> <td>red</td> <td></td> <td>KF23RT</td> </tr> <tr> <td>opalwhite</td> <td></td> <td>KF23WS</td> </tr> </table>	blue		KF23BL	yellow		KF23GB	green		KF23GN	clear		KF23KL	red		KF23RT	opalwhite		KF23WS
blue		KF23BL																			
yellow		KF23GB																			
green		KF23GN																			
clear		KF23KL																			
red		KF23RT																			
opalwhite		KF23WS																			
		High Lens, transparent colour	<table border="0"> <tr> <td>blue</td> <td></td> <td>KH23BL</td> </tr> <tr> <td>yellow</td> <td></td> <td>KH23GB</td> </tr> <tr> <td>green</td> <td></td> <td>KH23GN</td> </tr> <tr> <td>clear</td> <td></td> <td>KH23KL</td> </tr> <tr> <td>red</td> <td></td> <td>KH23RT</td> </tr> <tr> <td>opalwhite</td> <td></td> <td>KH23WS</td> </tr> </table>	blue		KH23BL	yellow		KH23GB	green		KH23GN	clear		KH23KL	red		KH23RT	opalwhite		KH23WS
blue		KH23BL																			
yellow		KH23GB																			
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red		KH23RT																			
opalwhite		KH23WS																			
		Nameplate with standard imprint please specify index number (see nameplates on pages 404)	BSK...																		
		Nameplate with special imprint according to customer's specification	BSKB																		
		Blank Nameplate	BSKU																		

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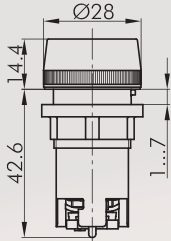























Enclosures

Terminal Blocks




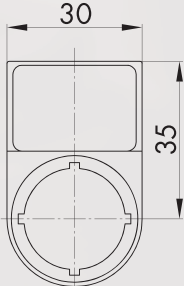



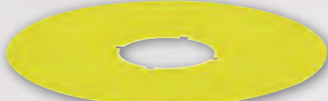



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Illustration	Dimensions	Description	Type																		
		Pilot Light with screw connections BA9s socket	RL9G																		
		Panoramic Lens colour	<table border="0"> <tr> <td>blue</td> <td></td> <td>KG22BL</td> </tr> <tr> <td>yellow</td> <td></td> <td>KG22GB</td> </tr> <tr> <td>green</td> <td></td> <td>KG22GN</td> </tr> <tr> <td>clear</td> <td></td> <td>KG22KL</td> </tr> <tr> <td>red</td> <td></td> <td>KG22RT</td> </tr> <tr> <td>white</td> <td></td> <td>KG22WS</td> </tr> </table>	blue		KG22BL	yellow		KG22GB	green		KG22GN	clear		KG22KL	red		KG22RT	white		KG22WS
blue		KG22BL																			
yellow		KG22GB																			
green		KG22GN																			
clear		KG22KL																			
red		KG22RT																			
white		KG22WS																			
		Mega-bright LED, BA9s with integrated bridge rectifier for 24V .. 28V AC/DC, 15.5mA (typ. 24V) colour	<table border="0"> <tr> <td>white</td> <td></td> <td>LD9-24MW</td> </tr> </table>	white		LD9-24MW															
white		LD9-24MW																			

Accessories for Actuators

Illustration	Dimensions	Description	Type
		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
		External Nameplate Holder for outside marking of the actuators of the RONDEX series, accepts self-adhesive nameplates	RABT
		Self-adhesive Nameplate, laser-printed Inscription according to customer's specification Dimensions: 19 x 27 mm	BZ23G
		Self-adhesive Nameplate blank Dimensions: 19 x 27 mm	BZ23U
		Self-adhesive Nameplate with standard imprint Please specify index no. (see nameplates on page 404) Dimensions: 19 x 27 mm	BZ23B...
		Yellow Nameplate self-adhesive PVC foil printing on request outer dia. 75 mm for mounting dia. 22 mm	NAS_22
		Yellow Nameplate with quadrilingual imprint self-adhesive PVC foil outer dia. 75 mm for mounting dia. 22 mm	NAS_22_548
		Universal Lens Remover	USK
		Dummy to close unused mounting apertures	BVR22

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