



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





RONDEX-M





01 Pushbutton Heads	page 220	07 Key Actuators	page 226
02 Emergency Stop Heads	page 222	08 Acoustic Buzzers	page 228
03 Mushroom Heads	page 222	09 Pilot Lights	page 229
04 Knob Set for Potentiometers	page 224		
05 Selector Heads	page 224		
06 Toggle Heads	page 225		
		Contact Blocks / Lampholders	page 414



 degree of protection

 illuminating option

 operating travel

 labelling option



DT...
Modular Contact Blocks
spring-clamp connection
page 546



DS...
Modular Contact Blocks
push-in connection
page 540



MT...
Modular Contact Blocks
screw connection
page 530



ET...
Contact Blocks
screw connection
page 524



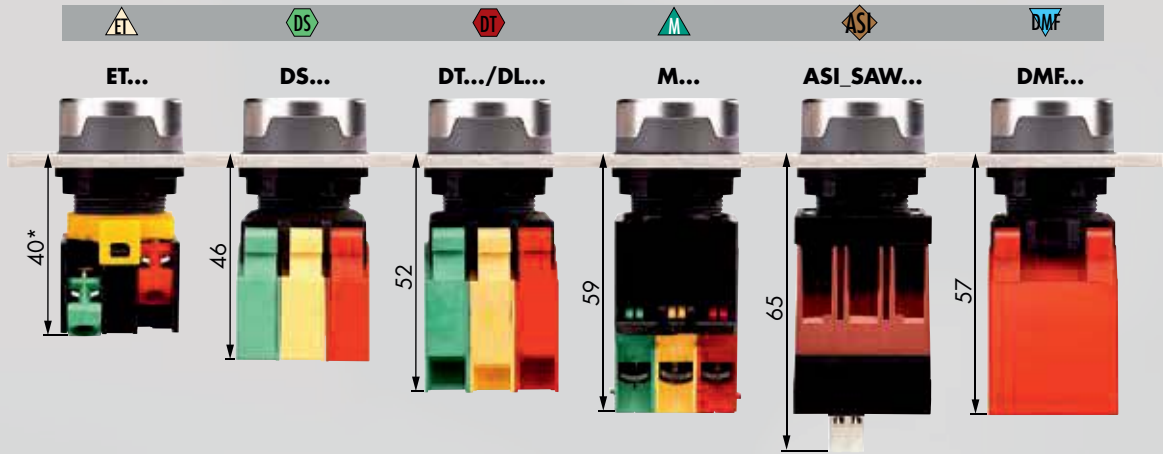
ASI...
Contact Blocks
for AS-Interface
Safety @ Work
page 564



DMF...
Battery-free
Transmitter Module
page 570

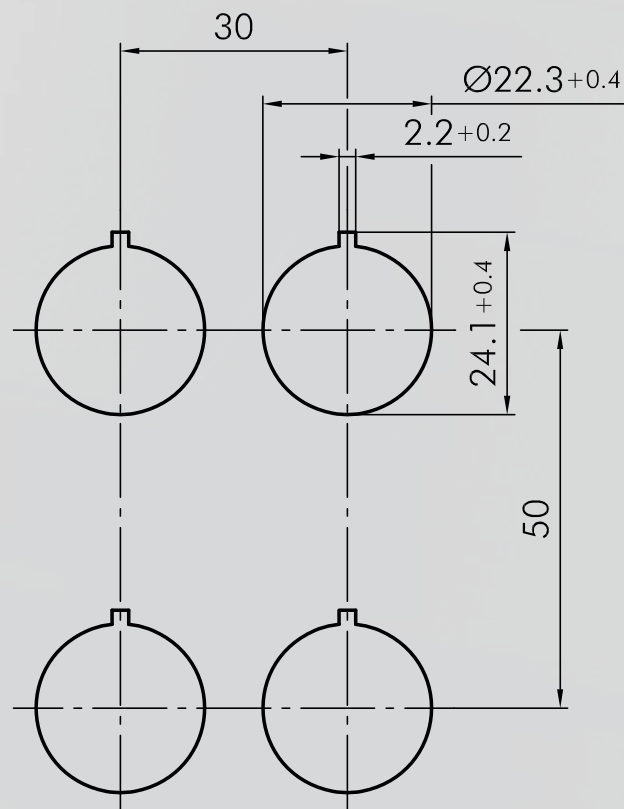
When combining the DT... contact blocks with key, selector and toggle heads, please add ..._497 to the actuator type reference!

Mounting Depth Dimensions

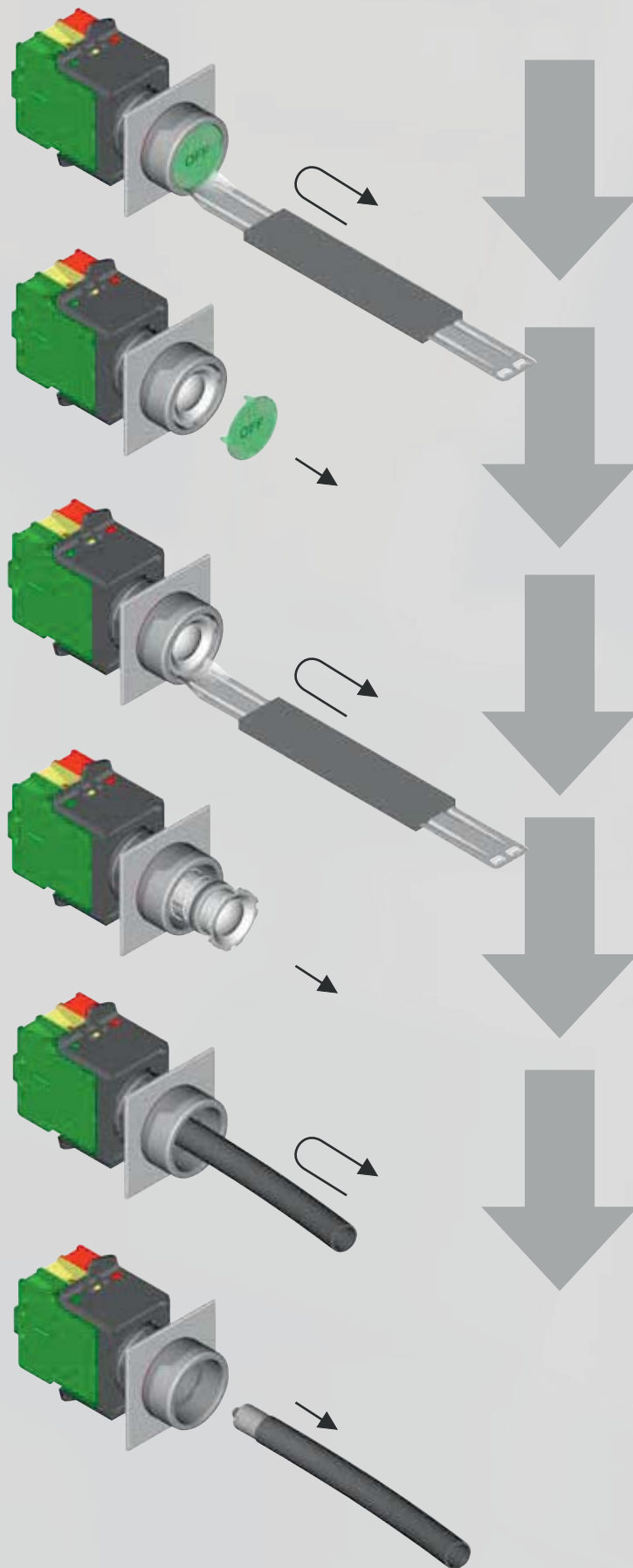


* ETR2 61mm, ETLR 50mm, ETLR2 70mm, EL9R 36mm

Cutout Dimensions



Mounting and Service Instructions










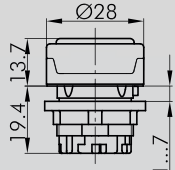








Pushbutton Heads (momentary/push-push)

Lenses and nameplates to be ordered separately

Illustration	Dimensions	Description	Type
		Pushbutton Head suitable contact blocks DMF DS DT ET M front bezel metallic/charcoal	RMCT
		Pushbutton Head with ring illumination incl. lens, inscription on request suitable contact blocks DS DT ET M front bezel metallic/charcoal	RMCTLR
		Pushbutton Head, maintained suitable contact blocks DMF DS DT ET M front bezel metallic/charcoal	RMCF
		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	

Pushbutton Heads (momentary/push-push)

Illustration	Dimensions	Description	Type
		High Lens, transparent colour blue yellow green clear red opalwhite	KH23BL KH23GB KH23GN KH23KL KH23RT KH23WS
		High Lens, non-transparent used in pushbuttons without inscription and illumination colour blue yellow green black red white	TG22GHBL TG22GHGB TG22GHGN TG22GH5W TG22GHRT TG22GHWS
		Nameplate with standard imprint, please specify index number (see nameplates on pages 410)	BSK...
		Nameplate with special imprint according to customer's specifications	BSKB
		Blank Nameplate	BSKU
     		Membrane Pushbutton Head with tightly closed, transparent silicone cap, down to -50 C suitable contact blocks     	front bezel metallic/charcoal RMCTM
		Flat Lens, transparent colour blue yellow green clear red opalwhite	T20FBL T20FGB T20FGN T20FKL T20FRT T20FWS

Control Units
 Accessories
 Bus Technology
 Enclosures
 Terminal Switches
 Power Supplies
 Terminal Blocks

Emergency Stop Buttons Mushroom Heads

Illustration

Dimensions

Description

Type



Nameplate

with standard imprint, please specify index number (see nameplates on pages 410)

BSRX...

Nameplate

with special imprint according to customer's specifications

BSRXB



Blank Nameplate

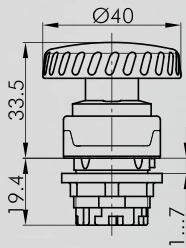
BSRXU



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.

IP65



Mushroom Head, latch-type

with pressure point to avoid accidental actuation

foolproof	No
switching position indicator	No
anti-lock collar	No
release	twist
Standard	DIN EN 60204/VDE 0113

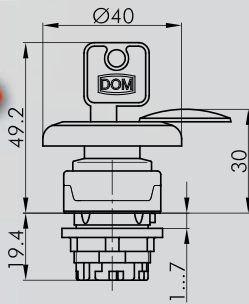
suitable contact blocks



mushroom head	red
front bezel	metallic/charcoal

RMCV

IP65



Mushroom Head, latch-type

with keyhole cover

foolproof	No
switching position indicator	No
anti-lock collar	No
release	key release
Standard	DIN EN 60204/VDE 0113

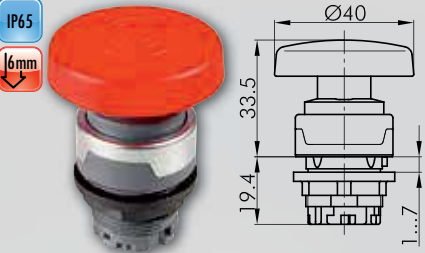
suitable contact blocks



mushroom head	red
front bezel	metallic/charcoal

RMCV SCH

Mushroom Heads

Illustration	Dimensions	Description	Type
	<p>Mushroom Head, momentary other mushroom colours on request switching position indicator No anti-lock collar No suitable contact blocks</p> <p>DMF DS DT FT M</p> <p>mushroom head red front bezel metallic/charcoal</p>	RMCS	


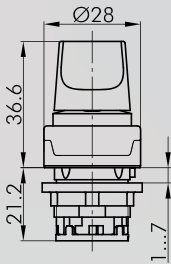

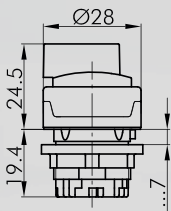



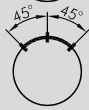

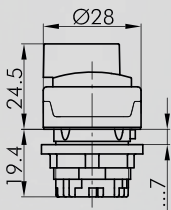





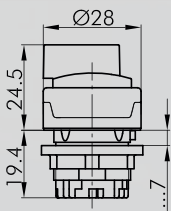


- Control Units
- Accessories
- By Technology
- Exhaustive
- Terminal Switches
- Power Switches
- Terminal Blocks

RONDEX-M

Ø 22 mm


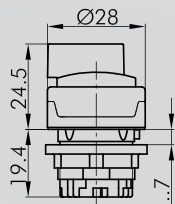



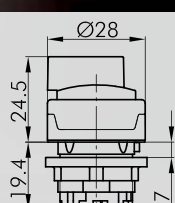


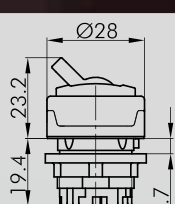
**Knob Set for potentiometers
Selector Heads (momentary/maintained)**

⊐ = Switching position
> = Spring return

Illustration	Dimensions	Description	Type
		<p>Knob Set for potentiometers for potentiometers of 6 mm shaft dia. and thread M10x0.75. Delivery without potentiometer. Shaft length: approx. 50 mm ± 2 incl. fastening thread</p> <p>front bezel metallic/charcoal</p>	RMCR
		<p>Selector Head, maintained</p> <p>suitable contact blocks </p> <p>front bezel metallic/charcoal</p> <p>suitable contact blocks </p> <p>front bezel metallic/charcoal</p>	 RMCWA  RMCWB
		<p>Selector Head, momentary</p> <p>suitable contact blocks </p> <p>front bezel metallic/charcoal</p> <p>suitable contact blocks </p> <p>front bezel metallic/charcoal</p>	 RMCSTA  RMCSTB
		<p>Selector Head, left maintained, right momentary</p> <p>suitable contact blocks </p> <p>front bezel metallic/charcoal</p>	 RMCWC

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

I = Switching position
> = Spring return

Illustration	Dimensions	Description	Type
		<p>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 metallic/charcoal</p> <p>suitable contact blocks DT ET M</p> <p>front bezel metallic/charcoal</p>	 <p>RM CWAL</p>  <p>RM CWBL</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 metallic/charcoal</p>	 <p>RM CWCL</p>
		<p>Toggle Head with red toggle (other colours on request)</p> <p>suitable contact blocks DMF DS DT ET M</p> <p>knob colour red</p> <p>front bezel metallic/charcoal</p>	<p>RMCK</p>

Key Actuators (momentary/maintained)

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

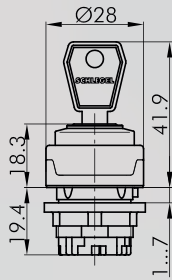
Illustration

Dimensions

Description

Type

IP65



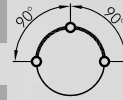
Key Actuator, maintained

including two keys,
other lock types on request

suitable contact blocks



front bezel metallic/charcoal

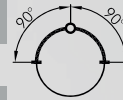


RMCSA12E

suitable contact blocks



front bezel metallic/charcoal

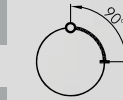


RMCSA13E

suitable contact blocks



front bezel metallic/charcoal

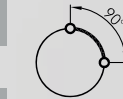


RMCSA14E

suitable contact blocks



front bezel metallic/charcoal

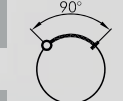


RMCSA15E

suitable contact blocks



front bezel metallic/charcoal



RMCSA17E

suitable contact blocks

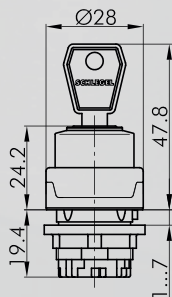


front bezel metallic/charcoal



RMCSA18E

IP65



Key Actuator, momentary

including two keys,
other lock types on request

suitable contact blocks



front bezel metallic/charcoal



RMCSA23E

suitable contact blocks

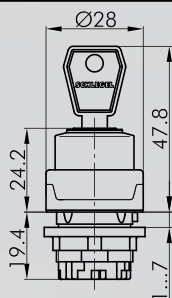


front bezel metallic/charcoal



RMCSA27E

IP65



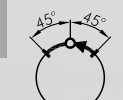
Key Actuator, left maintained, right momentary

including two keys,
other lock types on request

suitable contact blocks


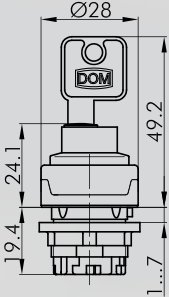





front bezel metallic/charcoal



RMCSA24E

Key Actuators (momentary/maintained)
Accessories for Actuators

Illustration	Dimensions	Description	Type
		<p>Lockable Pushbutton Head including two keys</p> <p>Type N: Depresses with or without key. Lock latches in depressed position and resets with key turned clockwise. Key removable in both positions.</p> <p>Type 1: Depresses only with key turned clockwise. Turn key into vertical position, the lock latches. Reset by turning key clockwise. Key removable in both vertical positions.</p> <p>Type 2: Depresses only with key in the right position (= basic position). Turn key into vertical position, the lock latches. Key only removable in the latching position. Reset by turning key clockwise.</p> <p>Type 3: Depresses only with key turned clockwise. The lock does NOT latch in depressed position (key neither turnable nor removable in depressed position; MOMENTARY). Key only removable in the off-position.</p> <p>suitable contact blocks </p> <p>front bezel metallic/charcoal RMCSCHA...</p>	
		<p>Spare Keys standard spare key, specify key number for special locks</p>	<p>ES3A36</p>
		<p>Spare Key (standard) standard spare key, specify key number for special locks</p>	<p>ESE845</p>

Buzzers

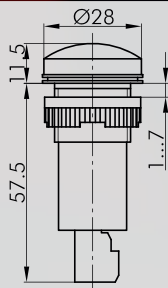
Illustration

Dimensions

Description

Type

IP65

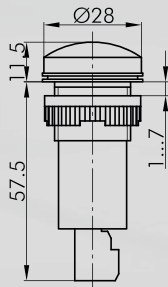


Buzzer 230V

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

IP65








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




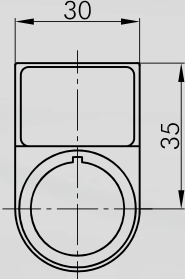




RSG-24V

Pilot Light Heads/Pilot Lights





Lenses and nameplates to be ordered separately

Illustration	Dimensions	Description	Type
	<p>Pilot Light Head suitable lampholders</p> <p>front bezel metallic/charcoal</p>	<p>RMCN</p>	
	<p>Convex Lens colour</p>	<p>blue KF23BL yellow KF23GB green KF23GN clear KF23KL red KF23RT opalwhite KF23WS</p>	
	<p>High Lens, transparent colour</p>	<p>blue KH23BL yellow KH23GB green KH23GN clear KH23KL red KH23RT opalwhite KH23WS</p>	
	<p>Nameplate with standard imprint, please specify index number (see nameplates on pages 410)</p>	<p>BSK...</p>	
	<p>Nameplate with special imprint according to customer's specifications</p>	<p>BSKB</p>	
	<p>Blank Nameplate</p>	<p>BSKU</p>	

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	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 colour charcoal	RABT
		Self-adhesive Nameplate, laser-printed Inscription according to customer's specifications Dimensions: 19 x 27 mm	BZ23G
		Self-adhesive Nameplate, blank Dimensions: 19 x 27 mm	BZ23U
		Self-adhesive Nameplate with standard inscription, please specify index no. (see nameplates on pages 410) Dimensions: 19 x 27 mm	BZ23B...
		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
		<p>Yellow Nameplate with quadrilingual imprint self-adhesive PVC foil outer dia. 75 mm for mounting dia. 22 mm colour yellow</p>	NAS_22_548
		<p>Lamp Remover for incandescent lamps FZR9...</p>	LZ8
		<p>Universal Lens Remover</p>	USK
<p>IP65</p> 		<p>Dummy to close unused mounting apertures colour charcoal</p>	BVR22

Control Units
Accessories
By Technology
Exhaustive
Terminal Switches
Power Supplies
Terminal Blocks