



Front dimensions: 30 x 30 mm
Panel cut-out: Ø 22.3 mm
Front bezel height: 12 mm
Travel: 6 mm



QUARTEX-R



- | | |
|---|----------|
| 01 Pushbutton Heads | page 262 |
| 02 Emergency Stop Buttons | page 265 |
| 03 Mushroom Heads | page 265 |
| 04 Knob Set for Rotary Switch / Potentiometer | page 267 |
| 05 Selector Heads | page 267 |
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- | | |
|------------------|----------|
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Contact Blocks / Lampholders

page 414



degree of protection



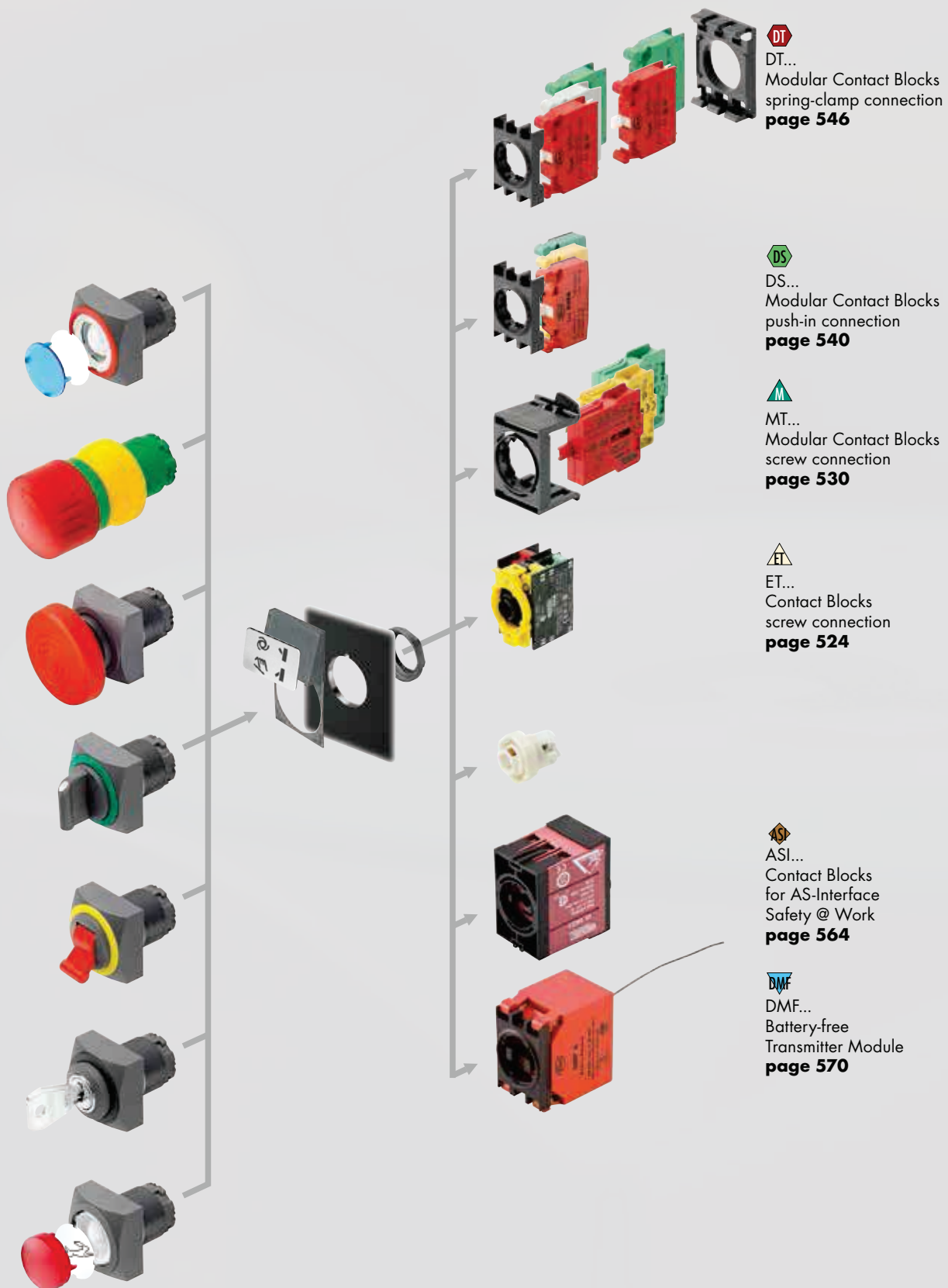
illuminating option



operating travel

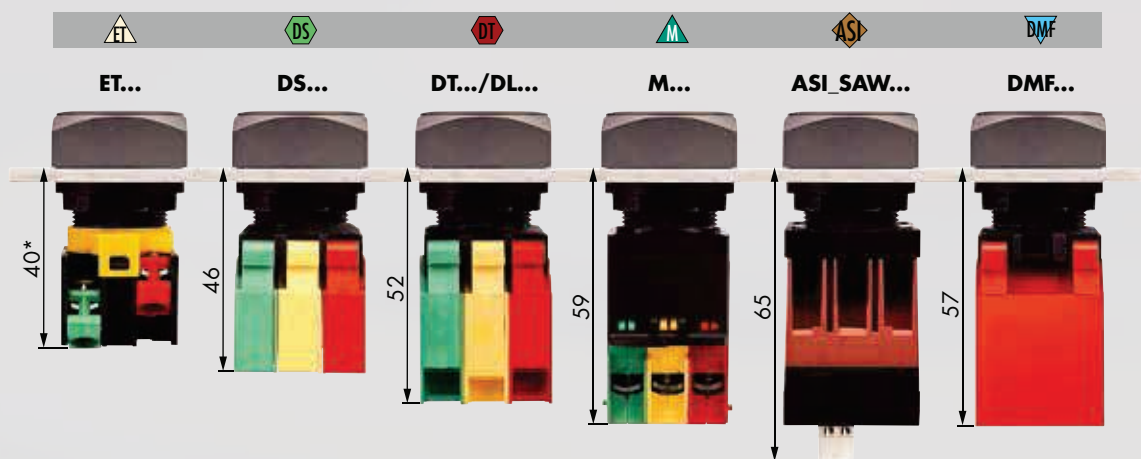


labelling option



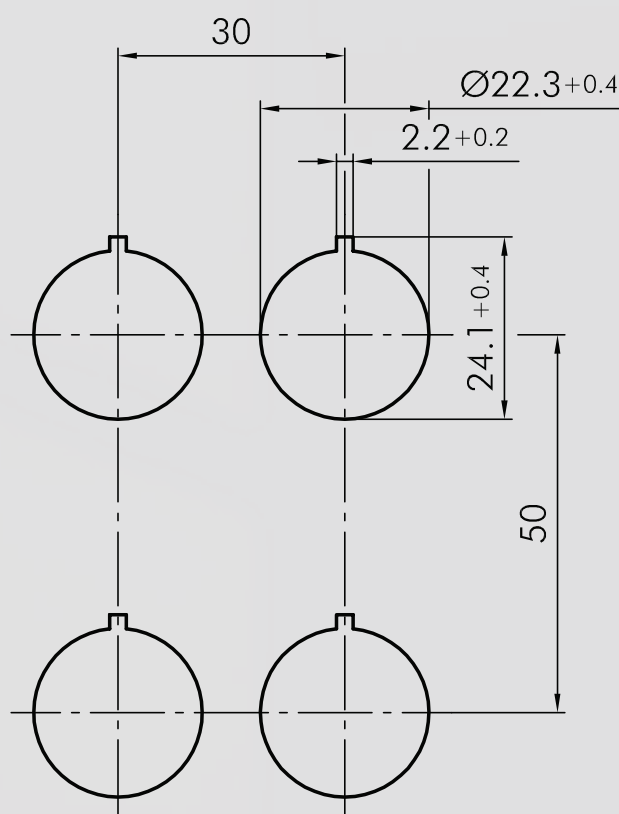
**When combining the DT... contact blocks with key, selector and toggle heads,
please add ..._497 to the actuator type reference!**

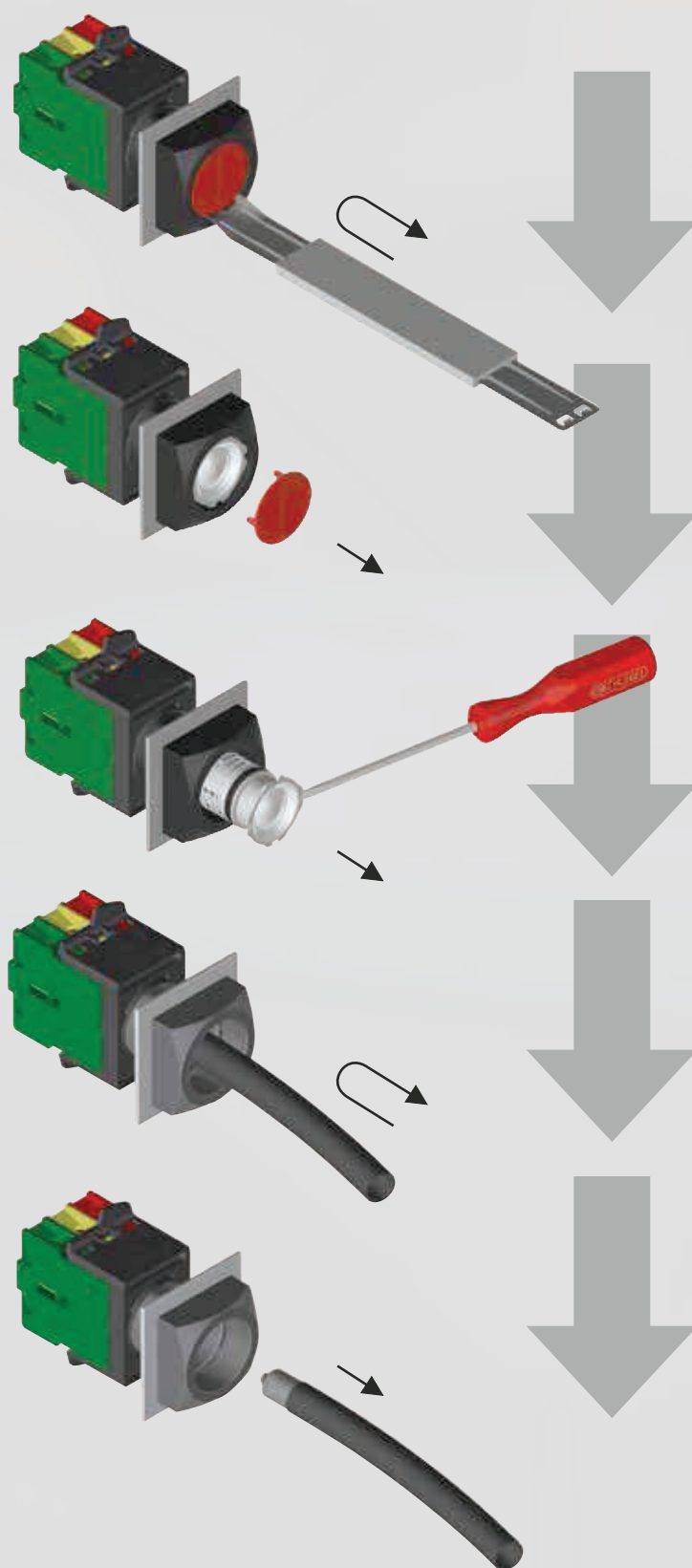
Mounting Depth Dimensions



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

Cutout Dimensions



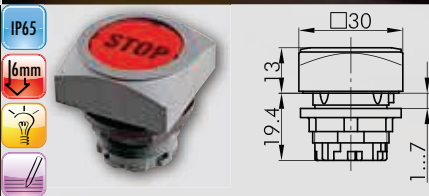







Pushbutton Heads (momentary/push-push)

Front rings are supplied in dark-grey as a standard (QRT), also available in blue-BL, yellow-GB, green-GN, red-RT, white-WS and black-SW.

Add code letter to type number (e.g. QRT_RRT)

Lenses and nameplates to be ordered separately

Illustration	Dimensions	Description	Type
		Pushbutton Head suitable contact blocks  front bezel charcoal	QRT...
		Concave Lens, transparent colour blue yellow green clear opalwhite	T26DBL T26DGB T26DGN T26DKL T26DWS
		Concave Lens, non-transparent used in pushbuttons without inscription and illumination colour blue yellow green black red white	T26DGBL T26DGGB T26DGGN T26DGSW T26DGRT T26DGWS
		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 TG22GHSW TG22GHRT TG22GHWS

Pushbutton Heads (momentary/push-push)

Front rings are supplied in dark-grey as a standard (QRTM), also available in blue-BL, yellow-GB, green-GN, red-RT, white-WS and black-SW.

Add code letter to type number (e.g. QRTM_RRT)

Illustration	Dimensions	Description	Type
		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
<div> <div>IP67</div> <div>6mm</div> <div></div> <div></div> </div>  		Membrane Pushbutton Head with tightly closed, transparent silicone cap, down to -50° C suitable contact blocks      front bezel charcoal	QRTM...
		Flat Lens, transparent colour <div> <div>blue</div> <div>yellow</div> <div>green</div> <div>clear</div> <div>red</div> <div>opalwhite</div> </div>	T20FBL T20FGB T20FGN T20FKL T20FRT T20FWS
		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

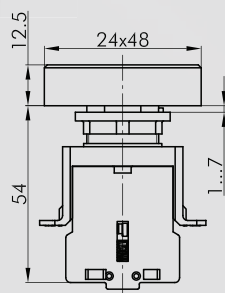
Pushbutton Heads (momentary/push-push)

Illustration

Dimensions

Description

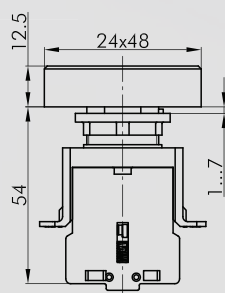
Type



Double Pushbutton

fully assembled with modular contact blocks
ON-pushbutton green, 1NO
OFF-pushbutton red, 1NC
front bezel charcoal

LDT



Illuminated Double Pushbutton

with central signal light between the keys,
fully assembled with modular contact blocks,
ON-pushbutton green, 1NO
OFF-pushbutton red, 1NC
front bezel charcoal

LDTL

Emergency Stop Buttons Mushroom Heads

Illustration

Dimensions

Description

Type

IP67



Sealing Cap

made of silicone rubber, down to -50°C

TK50S

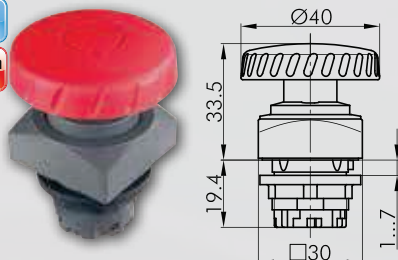


For further emergency stops, please refer to the chapter „Emergency-stop Heads“ starting on page 362

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

IP65

16mm



Mushroom Head, latch-type

other mushroom colours on request

foolproof	No
switching position indicator	No
anti-lock collar	No
release	twist
Standard	EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850



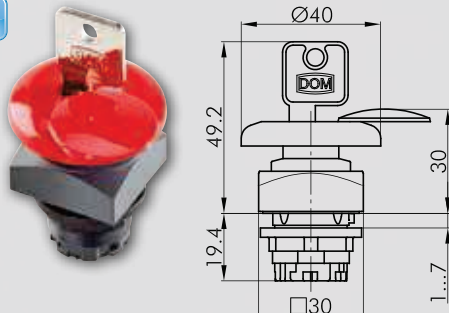
suitable contact blocks



mushroom head	red
front bezel	charcoal

QRV

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


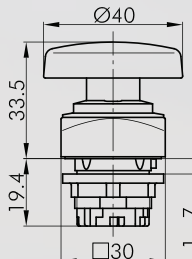










suitable contact blocks



mushroom head	red
front bezel	charcoal

QRVSCH

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      mushroom head red front bezel charcoal suitable contact blocks      mushroom head black</p>	<p>QRS</p> <p>QRS_SW.PILZ</p>

Knob Set for rotary switches

Knob Set for potentiometers


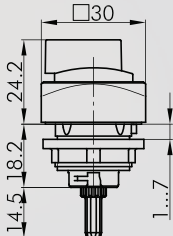

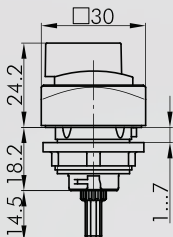

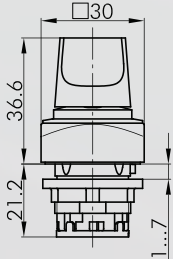

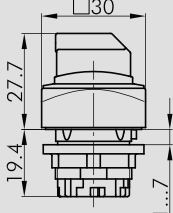
Selector Heads (momentary/maintained)

Front rings are supplied in dark-grey as a standard (QRDAU), also available in blue-BL, yellow-GB, green-GN, red-RT, white-WS and black-SW.

Add code letter to type number (e.g. QRDAURT)

I = Switching position

> = Spring return

Illustration	Dimensions	Description	Type
<p>IP65</p>  		<p>Knob Set for rotary switches, without inscription</p> <p>front bezel charcoal</p>	QRDAU...
<p>IP65</p>  		<p>Knob Set for rotary switches, with inscription</p> <p>different versions on request</p> <p>front bezel charcoal</p>	QRDAB...
<p>IP65</p>  		<p>Knob Set for potentiometers</p> <p>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</p> <p>front bezel charcoal</p>	QRR...
<p>IP65</p>  		<p>Selector Head, maintained</p> <p>suitable contact blocks</p> <p>front bezel charcoal</p> <p>suitable contact blocks</p> <p>front bezel charcoal</p>	<p>90°</p> <p>QRWA...</p> <p>45° 45°</p> <p>QRWB...</p>


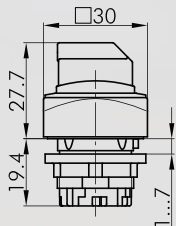



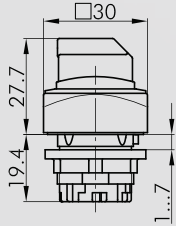


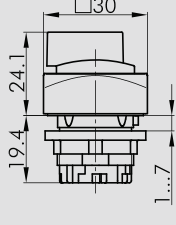
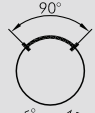
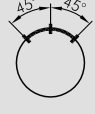

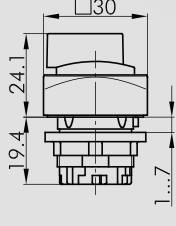

Selector Heads (momentary/maintained)

Front rings are supplied in dark-grey as a standard (QRSTA), also available in blue-BL, yellow-GB, green-GN, red-RT, white-WS and black-SW.

Add code letter to type number (e.g. QRSTA_RRT)

! = Switching position

> = Spring return

Illustration	Dimensions	Description	Type
		Selector Head, momentary suitable contact blocks front bezel charcoal suitable contact blocks front bezel charcoal	 QRSTA...  QRSTB...
		Selector Head, left maintained, right momentary suitable contact blocks front bezel charcoal	 QRWC...
		Illuminated Selector Head, maintained inclusive four small, transparent colour plates in red, yellow, green and blue suitable contact blocks front bezel charcoal suitable contact blocks front bezel charcoal	 QRWAL  QRWBL
		Illuminated Selector Head, left maintained, right momentary suitable contact blocks front bezel charcoal	 QRWCL

Toggle Heads

Front rings are supplied in dark-grey as a standard (QRK), also available in blue-BL, yellow-GB, green-GN, red-RT, white-WS and black-SW.

Add code letter to type number (e.g. QRK_RR.)

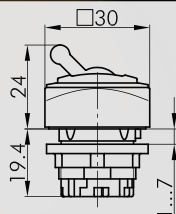
Illustration

Dimensions

Description

Type

IP65



Toggle Head

red toggle (other colours on request)

suitable contact blocks



knob colour
front bezel

red
charcoal

QRK...

Key Actuators (momentary/maintained)

Front rings are supplied in dark-grey as a standard QRSSA12E], also available in blue-BL, yellow-GB, green-GN, red-RT, white-WS and black-SW.

Add code letter to type number (e.g. QRSSAA12E_RRT)

I = Switching position

> = Spring return

○ = Key removable position

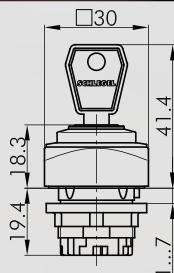
Illustration

Dimensions

Description

Type

IP65



Key Actuator, maintained

including two keys
other lock types on request

suitable contact blocks



front bezel charcoal

suitable contact blocks



front bezel charcoal

suitable contact blocks



front bezel charcoal

suitable contact blocks



front bezel charcoal

suitable contact blocks

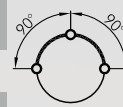


front bezel charcoal

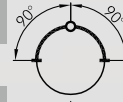
suitable contact blocks



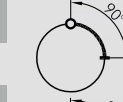
front bezel charcoal



QRSSA12E...



QRSSA13E...



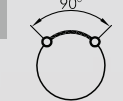
QRSSA14E...



QRSSA15E...

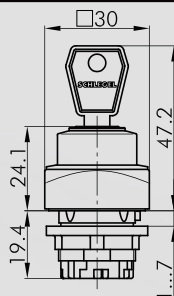


QRSSA17E...



QRSSA18E...

IP65



Key Actuator, momentary

including two keys
other lock types on request

suitable contact blocks



front bezel charcoal

suitable contact blocks



front bezel charcoal

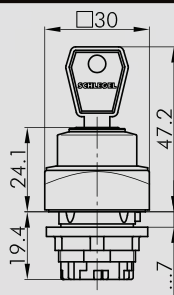


QRSSA23E...



QRSSA27E...

IP65



Key Actuator, left maintained, right momentary

including two keys
other lock types on request

suitable contact blocks



front bezel charcoal



QRSSA24E...

Key Actuators (momentary/maintained)

Front rings are supplied in dark-grey as a standard (QRSCHA..), also available in blue-BL, yellow-GB, green-GN, red-RT, white-WS and black-SW.

Add code letter to type number (e.g. QRSCHA..._RRT)

I = Switching position

> = Spring return

○ = Key removable position

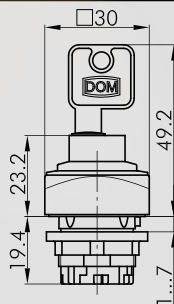
Illustration

Dimensions

Description

Type

IP65



Lockable Pushbutton Head

including two keys

Type N:

Depresses with or without key. Lock latches in depressed position and resets with key turned clockwise. Key removable in both positions.

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.

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.

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.

suitable contact blocks



front bezel

charcoal

QRSCHA...



Spare Keys

standard spare key, specify key number for special locks

ES3A36



Spare Key (standard)

standard spare key, specify key number for special locks

ESE845

Pilot Light Heads/Pilot Lights

Front rings are supplied in dark-grey as a standard (QRN), also available in blue-BL, yellow-GB, green-GN, red-RT, white-WS and black-SW.

Add code letter to type number (e.g. QRN_RRT).





Lenses and nameplates to be ordered separately

Illustration	Dimensions	Description	Type
<div><div><div>IP65</div><div></div><div></div></div><div></div></div> <div></div>	<div><div>Pilot Light Head</div><div>suitable lampholders</div><div><div> </div><div>front bezel charcoal</div></div></div>	QRN...	
<div></div>	<div><div>Convex Lens</div><div>colour</div><div><div>blue</div><div>yellow</div><div>green</div><div>clear</div><div>red</div><div>opalwhite</div></div></div>	<div><div>KF23BL</div><div>KF23GB</div><div>KF23GN</div><div>KF23KL</div><div>KF23RT</div><div>KF23WS</div></div>	
<div></div>	<div><div>High Lens, transparent</div><div>colour</div><div><div>blue</div><div>yellow</div><div>green</div><div>clear</div><div>red</div><div>opalwhite</div></div></div>	<div><div>KH23BL</div><div>KH23GB</div><div>KH23GN</div><div>KH23KL</div><div>KH23RT</div><div>KH23WS</div></div>	
<div></div>	<div><div>Concave Lens, transparent</div><div>colour</div><div><div>blue</div><div>yellow</div><div>green</div><div>clear</div><div>red</div><div>opalwhite</div></div></div>	<div><div>T26DBL</div><div>T26DGB</div><div>T26DGN</div><div>T26DKL</div><div>T26DRT</div><div>T26DWS</div></div>	
<div></div>	<div><div>Nameplate</div><div>with standard imprint, please specify index number (see nameplates on pages 410)</div></div>	BSK...	
	<div><div>Nameplate</div><div>with special imprint according to customer's specifications</div></div>	BSKB	
<div></div>	<div><div>Blank Nameplate</div></div>	BSKU	

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 QUARTEX-R series, accepts self-adhesive nameplates colour charcoal	QRABT
		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
		Yellow Nameplate with quadrilingual imprint self-adhesive PVC foil outer dia. 75 mm for mounting dia. 22 mm colour yellow	NAS_22_548
		Lamp Remover for incandescent lamps FZR9...	LZ8
		Universal Lens Remover	USK
IP65 		Dummy to close unused mounting apertures colour charcoal	BVQR



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Mounting
Control Units
Accessories
Bus Technology
Endboxes
Limit Switches
Modular Switches
Terminal Blocks