



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



DUX-Basic

 Product configurator




Overview DUX-Basic series





01 Pushbutton Heads	page 236	07 Pilot Lights	page 249
02 Emergency Stop Buttons	page 237	Contact Blocks / Lampholders	page 408
03 Mushroom Heads	page 238		
04 Selector Heads	page 240		
05 Toggle Heads	page 244		
06 Key Actuators	page 245		


Housing colour

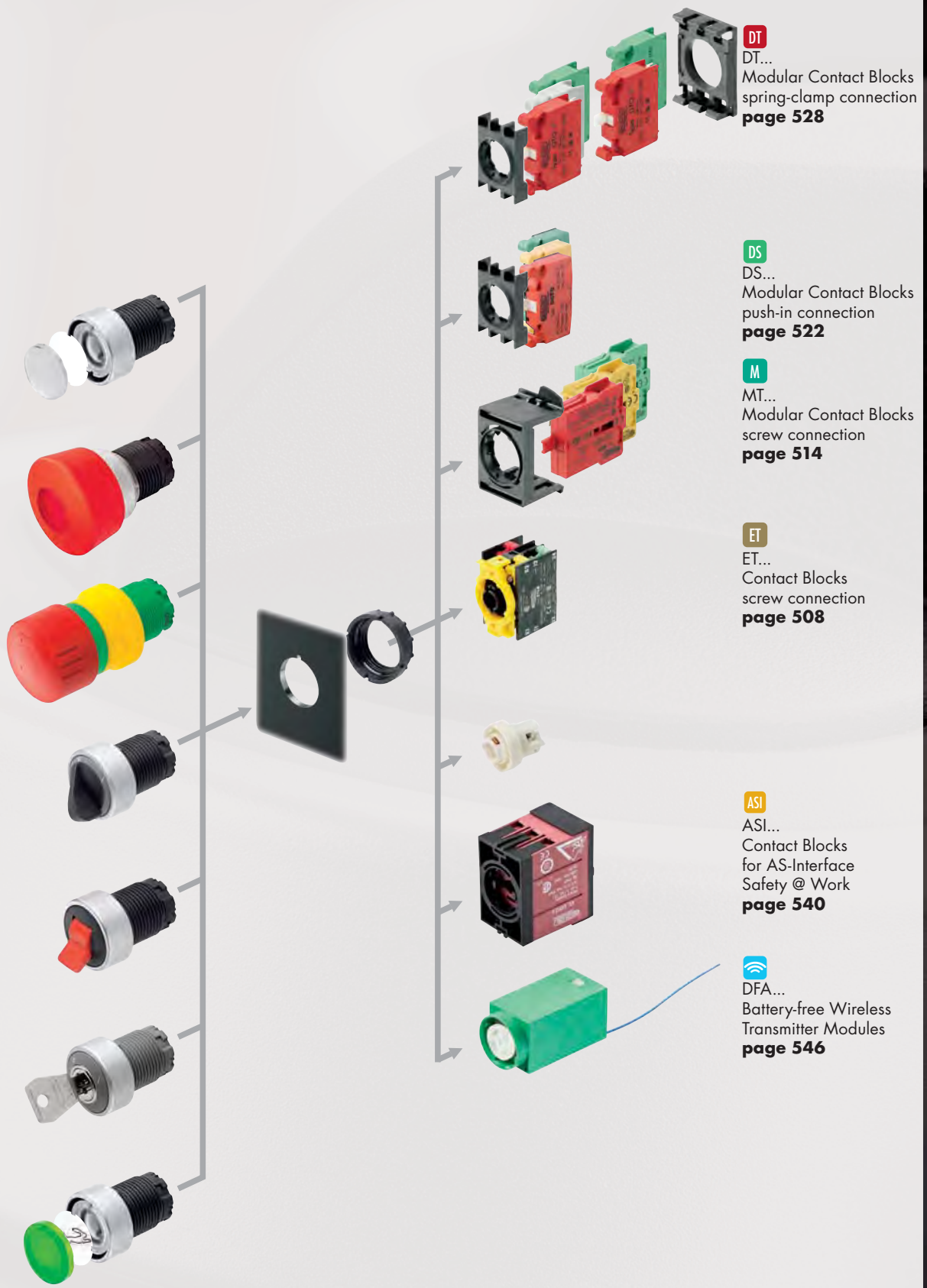


 IP65 degree of protection

 6 mm operating travel

 illuminating option

 labelling option



DT

DT...
Modular Contact Blocks
spring-clamp connection
page 528

DS

DS...
Modular Contact Blocks
push-in connection
page 522

M

MT...
Modular Contact Blocks
screw connection
page 514

ET

ET...
Contact Blocks
screw connection
page 508

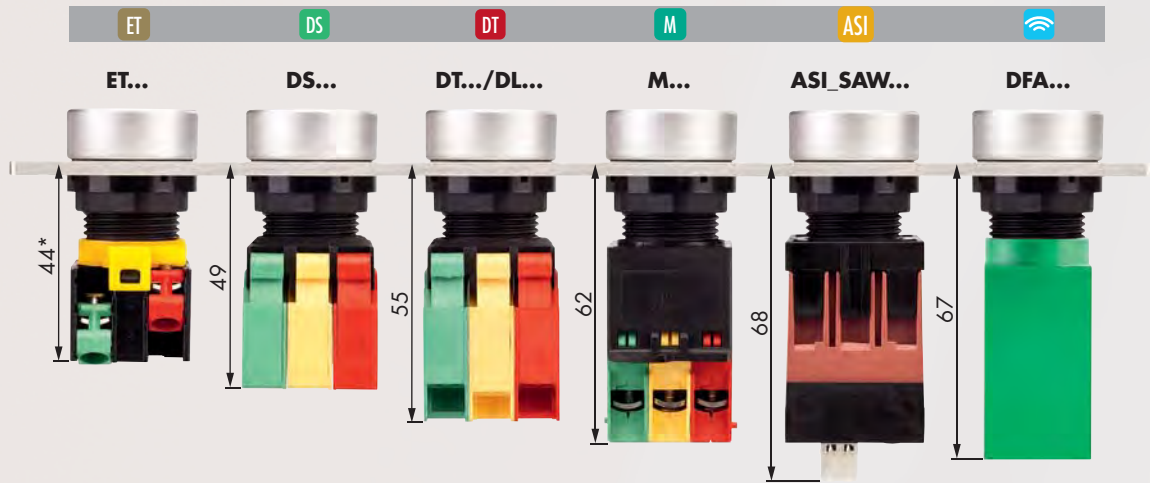
ASI

ASI...
Contact Blocks
for AS-Interface
Safety @ Work
page 540

DFA

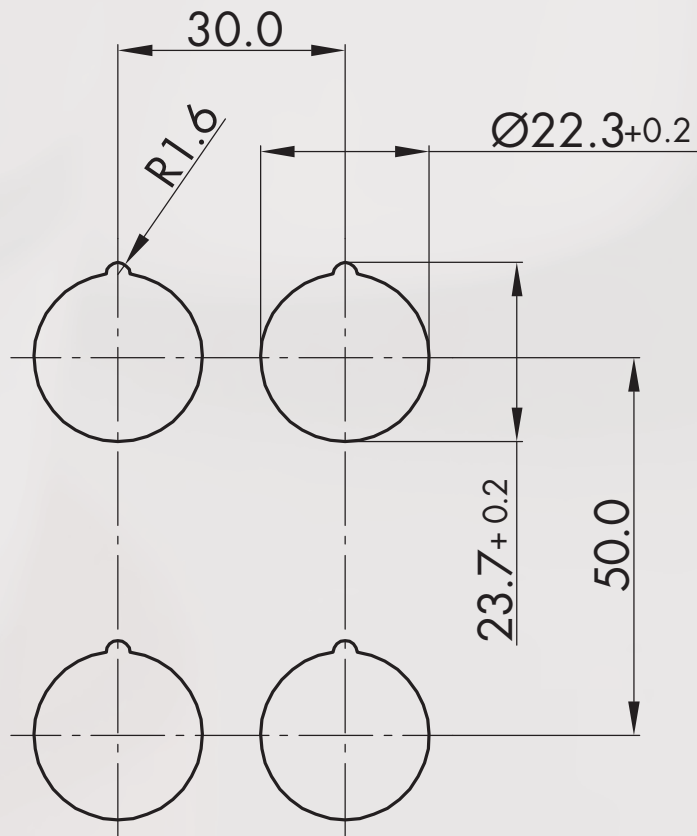
DFA...
Battery-free Wireless
Transmitter Modules
page 546

Mounting Depth Dimensions

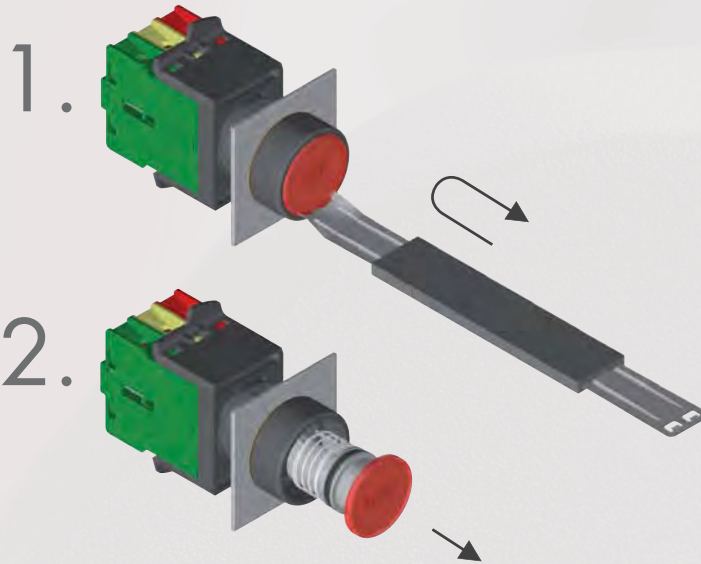


* ETR2 64mm, ETLR 53mm, ETLR2 73mm, EL9R 39mm

Cutout Dimension



Mounting and Service Instructions



Pushbutton Heads

About Us

Control Units

Actuators

Panel Mount Jacks

Bus Technology

Enclosures

Terminal Blocks

Pedal Switches

Limit Switches

Type Index

Illustration	Dimensions	Description	Type											
<p>IP65 6 mm</p>		<p>Pushbutton Head with flat non-transparent lens</p> <p>available in white=WS, red=RT, green=GN, yellow=GB, black=SW, blue=BL, add code letter to type number, e.g. DXRTCRT no inscription, no illumination</p> <p>suitable contact blocks</p> <p> </p> <p>front bezel</p> <table border="0"> <tr> <td>mat</td> <td></td> <td>DXRTC...</td> </tr> <tr> <td>grey</td> <td></td> <td>DXRTG...</td> </tr> <tr> <td>polished</td> <td></td> <td>DXRTM...</td> </tr> <tr> <td>black</td> <td></td> <td>DXRTS...</td> </tr> </table>	mat		DXRTC...	grey		DXRTG...	polished		DXRTM...	black		DXRTS...
mat		DXRTC...												
grey		DXRTG...												
polished		DXRTM...												
black		DXRTS...												
<p>IP65 6 mm</p> <p> </p>		<p>Pushbutton Head with flat transparent lens and blank nameplate</p> <p>available in red=RT, green=GN, yellow=GB, clear=KL, blue=BL, add code letter to type number, e.g. DXRTL CRT</p> <p>suitable contact blocks</p> <p> </p> <p>front bezel</p> <table border="0"> <tr> <td>mat</td> <td></td> <td>DXRTLC...</td> </tr> <tr> <td>grey</td> <td></td> <td>DXRTL G...</td> </tr> <tr> <td>polished</td> <td></td> <td>DXRTL M...</td> </tr> <tr> <td>black</td> <td></td> <td>DXRTL S...</td> </tr> </table>	mat		DXRTLC...	grey		DXRTL G...	polished		DXRTL M...	black		DXRTL S...
mat		DXRTLC...												
grey		DXRTL G...												
polished		DXRTL M...												
black		DXRTL S...												

Emergency Stops

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Limit Switches

Type Index

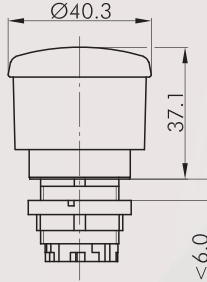
Illustration

Dimensions

Description

Type

IP65



Emergency-stop Head with inscription

switching position indicator Yes
 anti-lock collar No
 release pull
 Standard EN 60947-5-1, EN 60947-5-5,
 EN ISO 13850,
 EN 81-2 Abschnitt 15



suitable contact blocks

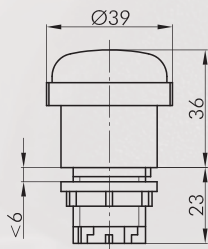
DS DT ET M

mushroom head red
 front bezel black
 green



DXRVS40SS
DXRVG40SS

IP65



Emergency-stop Head with arrow

must be mounted onto yellow background!
 switching position indicator Yes
 anti-lock collar No
 release twist
 Standard EN 60947-5-1, EN 60947-5-5,
 EN ISO 13850,
 EN 81-2 Abschnitt 15



suitable contact blocks

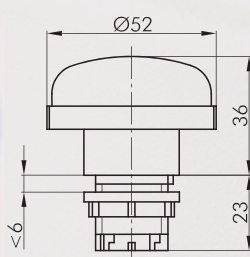
DS DT ET M

mushroom head red
 front bezel grey



DXRV39PF

IP65



Emergency-stop Head

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

DS DT ET M

mushroom head red
 front bezel polished
 grey
 black



DXRV52MRT
DXRV52GRT
DXRV52SRT

Emergency Stops Mushroom Heads

Illustration

Dimensions

Description

Type

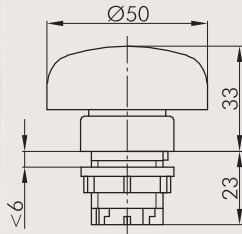


For further emergency stops, please refer to the chapter "Emergency-stop Heads" starting on page 366

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

IP65

6 mm



Mushroom Head, momentary

mushroom available in red=RT, green=GN, black=SW, add code letters to type number, e.g. DXRS50CRT

suitable contact blocks

DS DT ET M

front bezel

mat

grey

polished

black

DXRS50C...

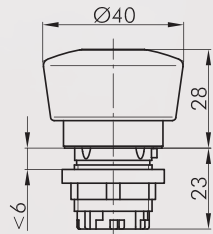
DXRS50G...

DXRS50M...

DXRS50S...

IP65

6 mm



Mushroom Head, momentary, with illumination and labelling option

incl. blank nameplate, inscription on request, mushroom available in red=RT, green=GN, black=SW. Add code letters to type number, e.g. DXRSL40CRT.

suitable contact blocks

DS DT ET M

front bezel

mat

grey

polished

black

DXRSL40C...

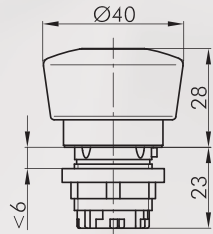
DXRSL40G...

DXRSL40M...

DXRSL40S...

IP65

6 mm



Mushroom Head, momentary

mushroom available in red=RT, green=GN, black=SW, add code letters to type number, e.g. DXRS40CRT.

suitable contact blocks

DS DT ET M

front bezel

mat

grey

polished

black


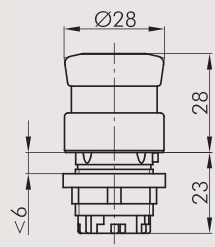














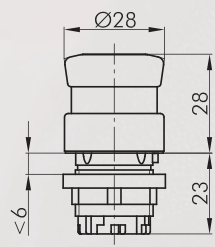













DXRS40C...

DXRS40G...

DXRS40M...

DXRS40S...

Mushroom Heads

Illustration	Dimensions	Description	Type								
 <p>IP65 6 mm Light indicator icon Pencil icon</p>		<p>Mushroom Head, momentary, with illumination and labelling option incl. blank nameplate, inscription on request, mushroom available in red=RT, green=GN, black=SW, add code letters to type number, e.g. DXRSL28CRT</p> <p>suitable contact blocks </p> <p>front bezel</p> <table border="0"> <tr> <td>mat</td> <td></td> </tr> <tr> <td>grey</td> <td></td> </tr> <tr> <td>polished</td> <td></td> </tr> <tr> <td>black</td> <td></td> </tr> </table>	mat		grey		polished		black		<p>DXRSL28C... DXRSL28G... DXRSL28M... DXRSL28S...</p>
mat											
grey											
polished											
black											
 <p>IP65 6 mm</p>		<p>Mushroom Head, momentary mushroom available in red=RT, green=GN, black=SW, add code letters to type number, e.g. DXRS28CRT</p> <p>suitable contact blocks </p> <p>front bezel</p> <table border="0"> <tr> <td>mat</td> <td></td> </tr> <tr> <td>grey</td> <td></td> </tr> <tr> <td>polished</td> <td></td> </tr> <tr> <td>black</td> <td></td> </tr> </table>	mat		grey		polished		black		<p>DXRS28C... DXRS28G... DXRS28M... DXRS28S...</p>
mat											
grey											
polished											
black											

Selector Switches (momentary/maintained)
other colour combinations on request

I = Switching position
> = Spring return

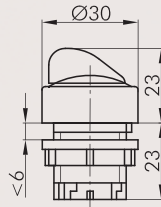
Illustration

Dimensions

Description

Type

IP65



Selector Head, maintained

available colour combinations:
black ring / black knob ...SWSW
black ring / grey knob ...SWDG
grey ring / black knob ...DGSW
grey ring / grey knob ...DGDG

Add code letters to type number, e.g. DXRWACSWDG

suitable contact blocks



front bezel	mat		
	grey		
	polished		
	black		

DXRWAHC...
DXRWAHG...
DXRWAHM...
DXRWAHS...

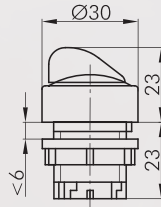
suitable contact blocks



front bezel	mat		
	grey		
	polished		
	black		

DXRWBHC...
DXRWBHG...
DXRWBHM...
DXRWBHS...

IP65



Selector Head, momentary

available colour combinations:
black ring / black knob ...SWSW
black ring / grey knob ...SWDG
grey ring / black knob ...DGSW
grey ring / grey knob ...DGDG

Add code letters to type number, e.g. DXRSTACSWDG

suitable contact blocks



front bezel	mat		
	grey		
	polished		
	black		

DXRSTAHC...
DXRSTAHG...
DXRSTAHM...
DXRSTAHS...

suitable contact blocks



front bezel	mat		
	grey		
	polished		
	black		

DXRSTBHC...
DXRSTBHG...
DXRSTBHM...
DXRSTBHS...

Selector Switches (momentary/maintained)
other colour combinations on request

I = Switching position
> = Spring return

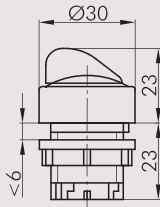
Illustration

Dimensions

Description

Type

IP65



Selector Head, left maintained, right momentary

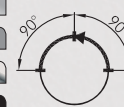
available colour combinations:
black ring / black knob ...SWSW
black ring / grey knob ...SWDG
grey ring / black knob ...DGSW
grey ring / grey knob ...DGDG

Add code letters to type number, e.g. DXRWCCSWDG

suitable contact blocks

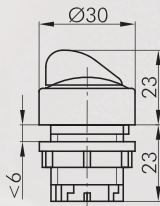
DS DT M

front bezel mat
grey
polished
black



DXRWCHC...
DXRWCHG...
DXRWCHM...
DXRWCHS...

IP65



Selector Head, left momentary, right maintained

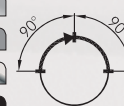
available colour combinations:
black ring / black knob ...SWSW
black ring / grey knob ...SWDG
grey ring / black knob ...DGSW
grey ring / grey knob ...DGDG

Add code letters to type number, e.g. DXRWDCSWDG

suitable contact blocks

DS DT M

front bezel mat
grey
polished
black



DXRWDHC...
DXRWDHG...
DXRWDHM...
DXRWDHS...

Selector Switches (momentary/maintained)
other colour combinations on request

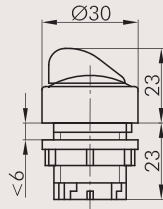
I = Switching position
> = Spring return

Illustration

Dimensions

Description

Type



Selector Head with ring illumination, maintained

available colour combinations:

- red ring / black knob ...RTSW
- red ring / grey knob ...RTDG
- green ring / black knob ...GNSW
- green ring / grey knob ...GNDG
- clear ring / black knob ...KLSW
- clear ring / grey knob ...KLDG

Add code letters to type number, e.g. DXRWALCRTSW

suitable contact blocks



front bezel	mat			DXRWALHC...
	grey			
	polished			
	black			

suitable contact blocks



front bezel	mat			DXRWBLHC...
	grey			
	polished			
	black			

Selector Switches (momentary/maintained)
other colour combinations on request

I = Switching position
> = Spring return

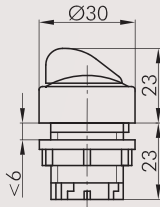
Illustration

Dimensions

Description

Type

IP65



Selector Head, momentary, with ring illumination

available colour combinations:

- red ring / black knob ...RTSW
- red ring / grey knob ...RTDG
- green ring / black knob ...GNSW
- green ring / grey knob ...GNDG
- clear ring / black knob ...KLSW
- clear ring / grey knob ...KLDG

Add code letters to type number, e.g. DXRSTALCRTSW

suitable contact blocks

DS DT

front bezel

mat



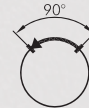
grey



polished



black



DXRSTALHC...

DXRSTALHG...

DXRSTALHM...

DXRSTALHS...

suitable contact blocks

DS DT

front bezel

mat



grey



polished



black



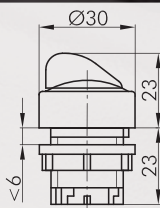
DXRSTBLHC...

DXRSTBLHG...

DXRSTBLHM...

DXRSTBLHS...

IP65



Selector Head with ring illumination, left maintained, right momentary

available colour combinations:

- red ring / black knob ...RTSW
- red ring / grey knob ...RTDG
- green ring / black knob ...GNSW
- green ring / grey knob ...GNDG
- clear ring / black knob ...KLSW
- clear ring / grey knob ...KLDG

Add code letters to type number, e.g. DXRWCLCRTSW

suitable contact blocks

DS DT

front bezel

mat



grey



polished



black



DXRWCLHC...

DXRWCLHG...

DXRWCLHM...

DXRWCLHS...

Selector Switches (momentary/maintained)

other colour combinations on request

Toggle Heads

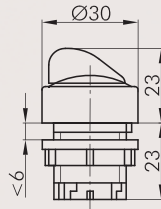
Illustration

Dimensions

Description

Type

IP65



Selector Head with ring illumination, left momentary, right maintained

available colour combinations

red ring / black knob	...RTSW
red ring / grey knob	...RTDG
green ring / black knob	...GNSW
green ring / grey knob	...GNDG
clear ring / black knob	...KLSW
clear ring / grey knob	...KLDG

Add code letters to type number, e.g. DXRWDLCRTSW

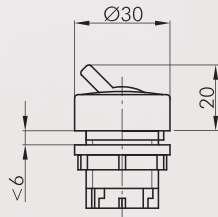
suitable contact blocks



front bezel	mat		
	grey		
	polished		
	black		

DXRWDLHC...
DXRWDLHG...
DXRWDLHM...
DXRWDLHS...

IP65



Toggle Head, maintained

available colour combinations:

black ring / black toggle	...SWSW
black ring / red toggle	...SWRT
black ring / white toggle	...SWWS
grey ring / black toggle	...DGSW
grey ring / red toggle	...DGRT
grey ring / white toggle	...DGWS

Add code letters to type number, e.g. DXRKCSWSW

suitable contact blocks



front bezel	mat	
	grey	
	polished	
	black	

DXRK...
DXRKG...
DXRKM...
DXRKS...

Key Switches (momentary/maintained)

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

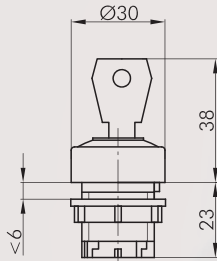
Illustration

Dimensions

Description

Type

IP65



Key Actuator, momentary

including two keys,
available colour combinations:
black ring ...SW...
grey ring ...DG...

Add code letters to type number, e.g. DXRSSACDG12,
other lock types on request

suitable contact blocks

DS DT M

front bezel

mat



DXRSSAC...12

grey



DXRSSAG...12

polished

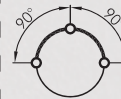


DXRSSAM...12

black



DXRSSAS...12



suitable contact blocks

DS DT M

front bezel

mat



DXRSSAC...13

grey



DXRSSAG...13

polished

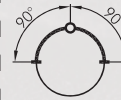


DXRSSAM...13

black



DXRSSAS...13



suitable contact blocks

DS DT ET M

front bezel

mat



DXRSSAC...17

grey



DXRSSAG...17

polished

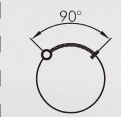


DXRSSAM...17

black



DXRSSAS...17



suitable contact blocks

DS DT ET M

front bezel

mat



DXRSSAC...18

grey



DXRSSAG...18

polished

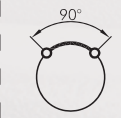


DXRSSAM...18

black



DXRSSAS...18



Key Switches (momentary/maintained)

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

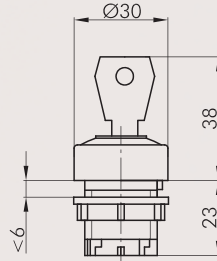
Illustration

Dimensions

Description

Type

IP65



Key Actuator, momentary

including two keys,
available colour combinations:
black ring ...SW...
grey ring ...DG...

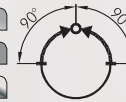
Add code letters to type number, e.g. DXRSSACDG23,
other lock types on request

suitable contact blocks

DS DT M

front bezel

mat



DXRSSAC...23

grey



DXRSSAG...23

polished



DXRSSAM...23

black



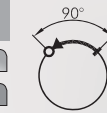
DXRSSAS...23

suitable contact blocks

DS DT M

front bezel

mat



DXRSSAC...27

grey



DXRSSAG...27

polished



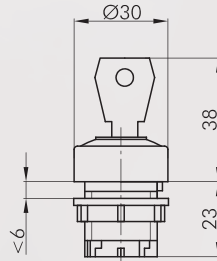
DXRSSAM...27

black



DXRSSAS...27

IP65



Key Actuator maintained/left, momentary/right

including two keys
available colour combinations:
black ring ...SW...
grey ring ...DG...

Add code letters to type number,
e.g. DXRSSACDG24
other lock types on request

suitable contact blocks

DS DT M

front bezel

mat



DXRSSAC...24

grey



DXRSSAG...24

polished



DXRSSAM...24

black



DXRSSAS...24

Key Switches (momentary/maintained)

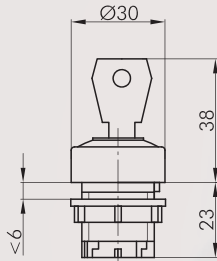
- I = Switching position
- > = Spring return
- = Key removable position

Illustration

Dimensions

Description

Type



Key Actuator with ring illumination, latching

including two keys,
available colour combinations:

- red ring ...RT...
- green ring ...GN...
- clear ring ...KL...

Add code letters to type number, e.g. DXRSSALCRT12,
other lock types on request

Accepts only LEDs !

suitable contact blocks

DS DT

- | | | | |
|-------------|----------|--|--|
| front bezel | mat | | |
| | grey | | |
| | polished | | |
| | black | | |

DXRSSALC...12
DXRSSALG...12
DXRSSALM...12
DXRSSALS...12

suitable contact blocks

DS DT

- | | | | |
|-------------|----------|--|--|
| front bezel | mat | | |
| | grey | | |
| | polished | | |
| | black | | |

DXRSSALC...13
DXRSSALG...13
DXRSSALM...13
DXRSSALS...13

suitable contact blocks

DS DT

- | | | | |
|-------------|----------|--|--|
| front bezel | mat | | |
| | grey | | |
| | polished | | |
| | black | | |

DXRSSALC...17
DXRSSALG...17
DXRSSALM...17
DXRSSALS...17

suitable contact blocks

DS DT

- | | | | |
|-------------|----------|--|--|
| front bezel | mat | | |
| | grey | | |
| | polished | | |
| | black | | |

DXRSSALC...18
DXRSSALG...18
DXRSSALM...18
DXRSSALS...18

Key Switches (momentary/maintained)

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

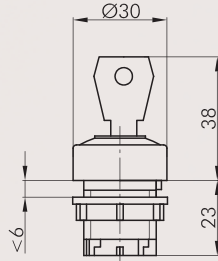
Illustration

Dimensions

Description

Type

IP65



Key Actuator with ring illumination, momentary

including two keys,
available colour combinations:
red ring ...RT...
green ring ...GN...
clear ring ...KL...

Add code letters to type number, e.g. DXRSSALCRT23,
other lock types on request

Accepts only LEDs !

suitable contact blocks

DS DT

front bezel

mat

grey

polished

black



DXRSSALC...23

DXRSSALG...23

DXRSSALM...23

DXRSSALS...23

suitable contact blocks

DS DT

front bezel

mat

grey

polished

black



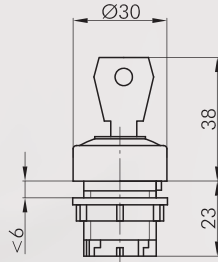
DXRSSALC...27

DXRSSALG...27

DXRSSALM...27

DXRSSALS...27

IP65



Key Actuator with ring illumination maintained/left, momentary/right

including two keys,
available colour combinations:
red ring ...RT...
green ring ...GN...
clear ring ...KL...

Add code letters to type number,
e.g. DXRSSALCRT24
other lock types on request

Accepts only LEDs !

suitable contact blocks

DS DT

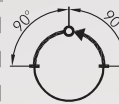
front bezel

mat

grey

silver-coloured

black



DXRSSALC...24


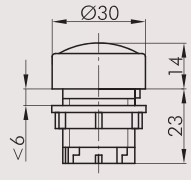













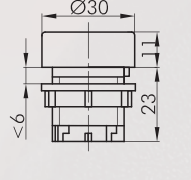












DXRSSALG...24

DXRSSALM...24

DXRSSALS...24

Pilot Lights

Please order the nameplates together with the pilot light heads.

Illustration	Dimensions	Description	Type																
		<p>Pilot Light Head with transparent convex lens available in red=RT, green=GN, yellow=GB, clear=KL, blue=BL, add code letters to type number, e.g. DXRNKCRT suitable lampholders DS DT ET M</p>																	
		<table border="0"> <tr> <td>front bezel</td> <td>mat</td> <td></td> <td>DXRNKC...</td> </tr> <tr> <td></td> <td>grey</td> <td></td> <td>DXRNKG...</td> </tr> <tr> <td></td> <td>polished</td> <td></td> <td>DXRNKM...</td> </tr> <tr> <td></td> <td>black</td> <td></td> <td>DXRNKS...</td> </tr> </table>	front bezel	mat		DXRNKC...		grey		DXRNKG...		polished		DXRNKM...		black		DXRNKS...	
front bezel	mat		DXRNKC...																
	grey		DXRNKG...																
	polished		DXRNKM...																
	black		DXRNKS...																
		<p>Pilot Light Head with transparent flat lens available in red=RT, green=GN, yellow=GB, clear=KL, blue=BL, add code letters to type number, e.g. DXRNFCRT suitable lampholders DS DT ET M</p>																	
		<table border="0"> <tr> <td>front bezel</td> <td>mat</td> <td></td> <td>DXRNFC...</td> </tr> <tr> <td></td> <td>grey</td> <td></td> <td>DXRNFG...</td> </tr> <tr> <td></td> <td>polished</td> <td></td> <td>DXRNFM...</td> </tr> <tr> <td></td> <td>black</td> <td></td> <td>DXRNFS...</td> </tr> </table>	front bezel	mat		DXRNFC...		grey		DXRNFG...		polished		DXRNFM...		black		DXRNFS...	
front bezel	mat		DXRNFC...																
	grey		DXRNFG...																
	polished		DXRNFM...																
	black		DXRNFS...																

Accessories for Actuators

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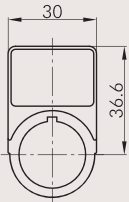



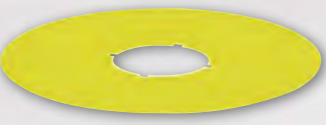


Enclosures

Terminal Blocks

Pedal Switches

Limit Switches

Type Index

Illustration	Dimensions	Description	Type
		Mounting Tool with torque limitation for the series QUARTEX-R(-JUWEL), KOMBITAST-RJUWEL, 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 colour black	DRABT
		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 colour yellow	NAS_22
		Yellow Nameplate with quadrilingual imprint self-adhesive PVC foil outer dia. 75 mm for mounting dia. 22 mm colour yellow	NAS_22_548
		Universal Lens Remover	USK



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