



Front dimensions: $\varnothing$ 28 mm
Panel cut-out: $\varnothing$ 22.3 mm
Front bezel height: 2 mm
Travel: 2.3 mm/1.8 mm



SHORTRON base-plate mounting



Product configurator



Overview - SHORTRON series for base-plate mounting



- 01 Pushbutton Heads
- 02 Emergency-stop Buttons
- 03 Selector Heads
- 04 Key Actuators
- 05 Pilot Lights

page 161
page 164
page 166
page 168
page 171

Contact blocks / Lampholders

page 502

Housing Colours (silver-coloured, black, polished stainless steel)



IP65
IP67

degree of protection

12.3mm

operating travel



illuminating option

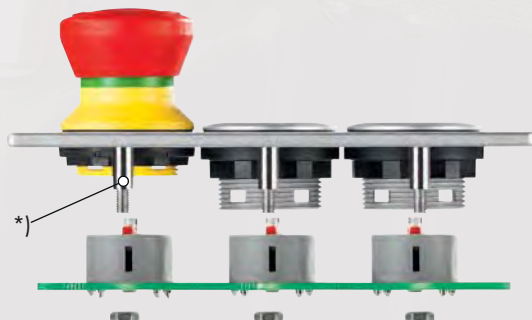


labelling option



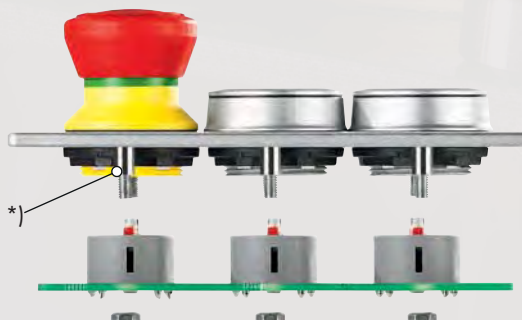
P
P...
Contact Blocks
PCB-mount terminals
page 502

base-plate mounting
mounting depth 16.2 mm

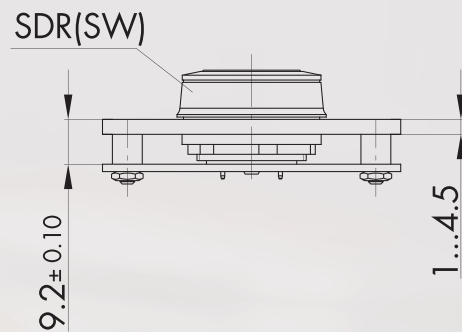
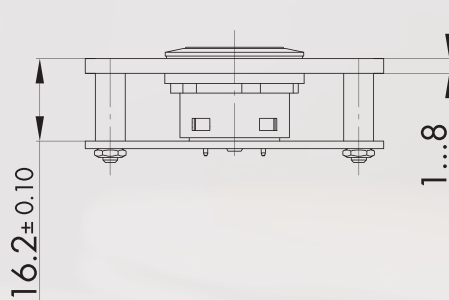


*) spacer sleeves required (length see mounting depth dimensions)

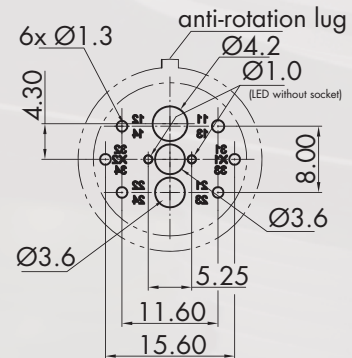
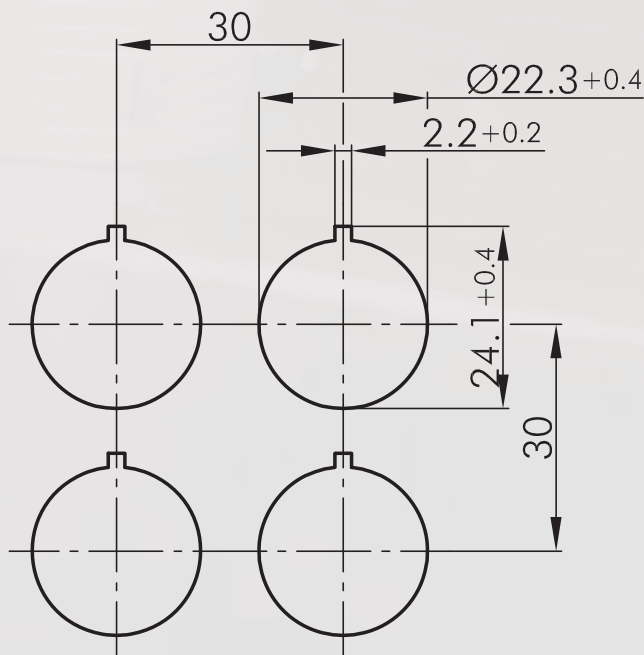
base-plate mounting using a spacer ring SDR/SDRSW
mounting depth 9.2 mm



Mounting Depth Dimensions



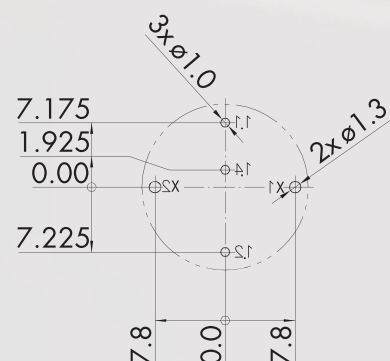
Cutout Dimensions



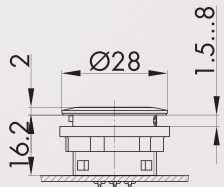
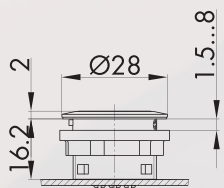
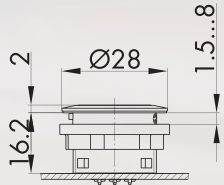
Component side view

Contact assignment: see wiring scheme of the relevant types

PCT...



Pushbutton Heads

Illustration	Dimensions	Description	Type																		
IP65 IP67 2.3mm Sun Lightning 		Pushbutton silver-coloured suitable contact blocks P front bezel silver-coloured 	ST																		
IP65 IP67 2.3mm Sun Lightning 		Pushbutton black suitable contact blocks P front bezel black 	SSWT																		
IP65 IP67 2.3mm Sun Lightning 		Pushbutton, stainless steel suitable contact blocks P front bezel stainless steel, polished 	SVAT																		
		Flat Lens, transparent colour <table><tr><td>blue</td><td></td><td>T22RRBL</td></tr><tr><td>yellow</td><td></td><td>T22RRGB</td></tr><tr><td>green</td><td></td><td>T22RRGN</td></tr><tr><td>clear</td><td></td><td>T22RRKL</td></tr><tr><td>red</td><td></td><td>T22RRRT</td></tr><tr><td>opalwhite</td><td></td><td>T22RRWS</td></tr></table>	blue		T22RRBL	yellow		T22RRGB	green		T22RRGN	clear		T22RRKL	red		T22RRRT	opalwhite		T22RRWS	
blue		T22RRBL																			
yellow		T22RRGB																			
green		T22RRGN																			
clear		T22RRKL																			
red		T22RRRT																			
opalwhite		T22RRWS																			
		High Lens, transparent colour <table><tr><td>blue</td><td></td><td>T22HRRBL</td></tr><tr><td>yellow</td><td></td><td>T22HRRGB</td></tr><tr><td>green</td><td></td><td>T22HRRGN</td></tr><tr><td>clear</td><td></td><td>T22HRRKL</td></tr><tr><td>red</td><td></td><td>T22HRRRT</td></tr><tr><td>opalwhite</td><td></td><td>T22HRRWS</td></tr></table>	blue		T22HRRBL	yellow		T22HRRGB	green		T22HRRGN	clear		T22HRRKL	red		T22HRRRT	opalwhite		T22HRRWS	
blue		T22HRRBL																			
yellow		T22HRRGB																			
green		T22HRRGN																			
clear		T22HRRKL																			
red		T22HRRRT																			
opalwhite		T22HRRWS																			
		Flat Lens, non-transparent colour <table><tr><td>blue</td><td></td><td>T22RRGBL</td></tr><tr><td>yellow</td><td></td><td>T22RRGGB</td></tr><tr><td>green</td><td></td><td>T22RRGGN</td></tr><tr><td>black</td><td></td><td>T22RRGSW</td></tr><tr><td>red</td><td></td><td>T22RRGRT</td></tr><tr><td>white</td><td></td><td>T22RRGWS</td></tr></table>	blue		T22RRGBL	yellow		T22RRGGB	green		T22RRGGN	black		T22RRGSW	red		T22RRGRT	white		T22RRGWS	
blue		T22RRGBL																			
yellow		T22RRGGB																			
green		T22RRGGN																			
black		T22RRGSW																			
red		T22RRGRT																			
white		T22RRGWS																			

Pushbutton Heads

Illustration

Dimensions

Description

Type



Blank Nameplate

BSRRU



Nameplate with standard imprint

BSRR...

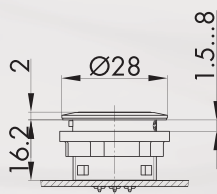
Please specify index number (see nameplates on pages 404)



Nameplate with special imprint

BSRRB

according to customer's specification



Pushbutton Head with ring illumination, silver-coloured

incl. lens

suitable contact blocks

P

illuminated ring	white	
front bezel	silver-coloured	
illuminated ring	red	
illuminated ring	green	
illuminated ring	yellow	
illuminated ring	blue	

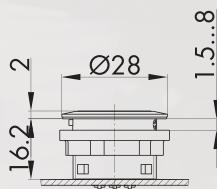
STLRW

STLRR

STLRG

STLRY

STLRB



Pushbutton Head with ring illumination, black

incl. lens

suitable contact blocks

P

illuminated ring	white	
front bezel	black	
illuminated ring	red	
illuminated ring	green	
illuminated ring	yellow	
illuminated ring	blue	

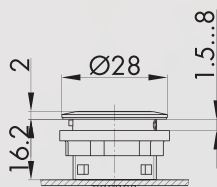
SSWTLRW

SSWTLRR

SSWTLRG

SSWTLRY

SSWTLRB



Pushbutton Head with ring illumination, stainless steel

incl. lens

suitable contact blocks

P

illuminated ring	white	
front bezel	stainless steel, polished	
illuminated ring	red	
illuminated ring	green	
illuminated ring	yellow	
illuminated ring	blue	

SVATLRW

SVATLRR

SVATLRG

SVATLRY

SVATLRB

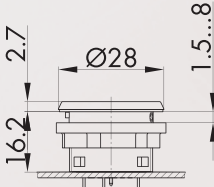
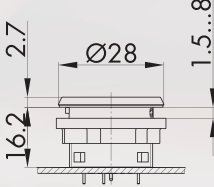


Sealing Cap

made of silicone rubber, down to -50°C

TK28S

Membrane Pushbuttons

Illustration	Dimensions	Description	Type
		Individual Membrane Pushbutton, stainless steel combining the advantages of a membrane keypad with the flexibility of conventional actuators, with blank nameplate. Standard inscription (see page 404) or special imprints on request. only to be combined with PCT... contact blocks! suitable contact blocks P front ring black front bezel stainless steel, polished	SVACFT
		Individual Pushbutton Head Key, black combining the advantages of a membrane keypad with the flexibility of conventional actuators, with blank nameplate. Standard inscription (see page 404) or special imprints on request. only to be combined with PCT... contact blocks! suitable contact blocks P front ring black front bezel black	SSWCFT

Shortron base-plate mounting

Ø 22.3 mm

made in germany

SCHLEGEL
ELEKTROKONTAKT

Emergency Stops

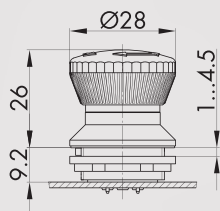
Illustration

Dimensions

Description

Type

IP65



Emergency Stop for 9.2 mm mounting depth

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



suitable contact blocks

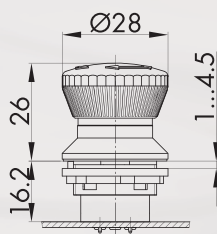
P

mushroom head red
front bezel yellow



FRVK

IP65



Emergency Stop for 16.2 mm mounting depth

ATTENTION: only suitable for illuminated contact units!

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

suitable contact blocks

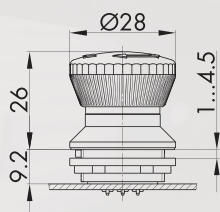
P

mushroom head red
front bezel yellow



FRVKZ

IP65



Illuminated Emergency Stop for 9.2mm mounting depth

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



suitable contact blocks

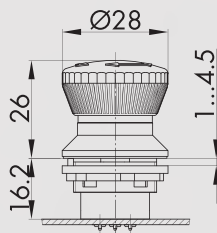
P

mushroom head red
front bezel yellow



FRVKL

IP65



Illuminated Emergency Stop for 16.2 mm mounting depth

ATTENTION: only suitable for illuminated contact units!

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

suitable contact blocks

P

mushroom head red
front bezel yellow



FRVKZL

Emergency Stops

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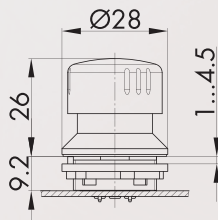
Illustration

Dimensions

Description

Type

IP65



Emergency Stop made of aluminium for robust applications for 9.2 mm mounting depth

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



suitable contact blocks

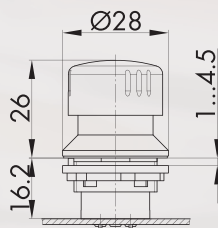
P

mushroom head	red
front bezel	yellow



FRVKAL

IP65



Emergency Stop, aluminium for robust applications for 16.2 mm mounting depth

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

suitable contact blocks

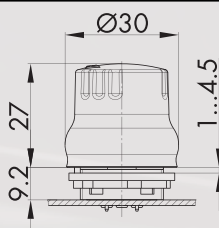
P

mushroom head	red
front bezel	yellow



FRVKZAL

IP66



Emergency Stop for hygienic applications for 9.2 mm mounting depth

Hygienic test acc. to DIN EN 1672-2 / DIN EN ISO 14159 and GS-NV 3, GS-NV 6	
foolproof	Yes
switching position indicator	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

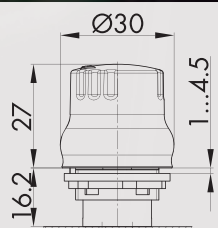
P

mushroom head	red
front bezel	yellow



FRVKP

IP66



Emergency Stop for hygienic applications for 16.2 mm mounting depth

Hygienic test acc. to DIN EN 1672-2 / DIN EN ISO 14159 and GS-NV 3, GS-NV 6	
foolproof	Yes
switching position indicator	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

P

mushroom head	red
front bezel	yellow



FRVKZP

Shortron base-plate mounting

Ø 22.3 mm

made in germany

SCHLEGEL
ELEKTROKONTAKT

Selector Switches (momentary/maintained)

I = Switching position
> = Spring return

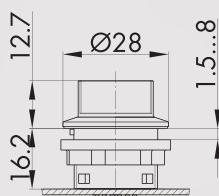
Illustration

Dimensions

Description

Type

IP65



Illuminated Selector Head, maintained, silver-coloured

suitable contact blocks

P

front bezel silver-coloured

suitable contact blocks

P

front bezel silver-coloured

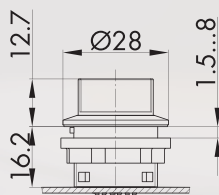


SWA



SWB

IP65



Illuminated Selector Switch, momentary, silver-coloured

suitable contact blocks

P

front bezel silver-coloured

suitable contact blocks

P

front bezel silver-coloured

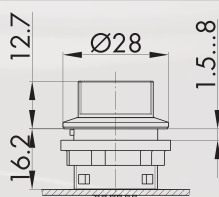


SSTA



SSTB

IP65



Illuminated Selector Head, left maintained, right momentary silver-coloured

suitable contact blocks

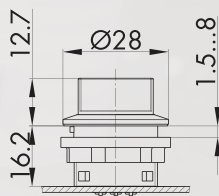
P

front bezel silver-coloured



SWC

IP65



Illuminated Selector Head, maintained, black

suitable contact blocks

P

front bezel black

suitable contact blocks

P

front bezel black

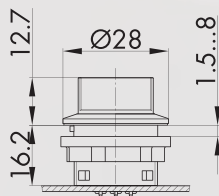


SSWWA



SSWWB

IP65



Illuminated Selector Head, momentary, black

suitable contact blocks

P

front bezel black

suitable contact blocks

P

front bezel black



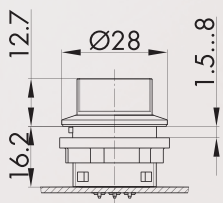
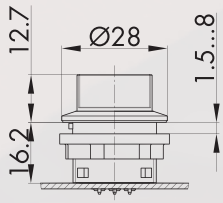
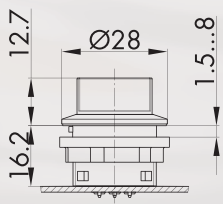
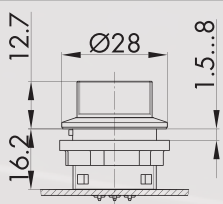
SSWSTA



SSWSTB

Selector Switches (momentary/maintained)

I = Switching position
> = Spring return

Illustration	Dimensions	Description	Type
		Illuminated Selector Head, left maintained, right momentary black suitable contact blocks front bezel black	 SSWWC
		Illuminated Selector Head, maintained, stainless steel suitable contact blocks front bezel stainless steel, polished suitable contact blocks front bezel stainless steel, polished	 SVAWA  SVAWB
		Illuminated Selector Head, momentary, stainless steel suitable contact blocks front bezel stainless steel, polished suitable contact blocks front bezel stainless steel, polished	 SVASTA  SVASTB
		Illuminated Selector Head, left maintained, right momentary stainless steel suitable contact blocks front bezel stainless steel, polished	 SVAWC

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Shortron base-plate mounting

Ø 22.3 mm

made in germany

SCHLEGEL
ELEKTROKONTAKT

Key Switches (momentary/maintained)

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

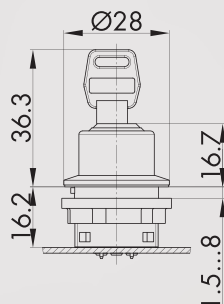
Illustration

Dimensions

Description

Type

IP65



Key Actuator, maintained, silver-coloured

including two keys
other lock types on request

suitable contact blocks

P

front bezel silver-coloured



SSSA12

suitable contact blocks

P

front bezel silver-coloured



SSSA13

suitable contact blocks

P

front bezel silver-coloured



SSSA14

suitable contact blocks

P

front bezel silver-coloured



SSSA15

suitable contact blocks

P

front bezel silver-coloured



SSSA16

suitable contact blocks

P

front bezel silver-coloured



SSSA17

suitable contact blocks

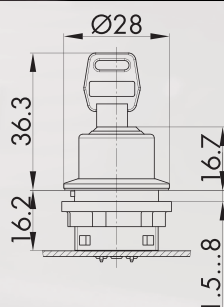
P

front bezel silver-coloured



SSSA18

IP65



Key Actuator, maintained (individually keyed), silver-coloured

including three keys

1st key: two-way operation

2nd key: operation only to the left

3rd key: operation only to the right

suitable contact blocks

P

front bezel silver-coloured



SSSA31

Key Switches (momentary/maintained)

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

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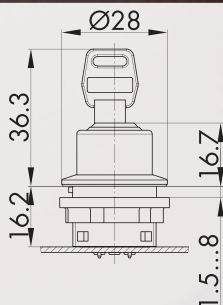
Illustration

Dimensions

Description

Type

IP65



Key Actuator, maintained, black

including two keys
other lock types on request

suitable contact blocks

front bezel black

suitable contact blocks

front bezel black

suitable contact blocks

front bezel black

suitable contact blocks

front bezel black

suitable contact blocks

front bezel black

suitable contact blocks

front bezel black

suitable contact blocks

front bezel black



SSWSSA12



SSWSSA13



SSWSSA14



SSWSSA15



SSWSSA16

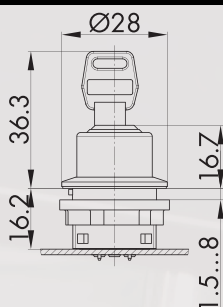


SSWSSA17



SSWSSA18

IP65



Key Actuator, maintained (individually keyed) black

incl. three keys

1st key: two-way operation

2nd key: operation only to the left

3rd key: operation only to the right

suitable contact blocks

front bezel black



SSWSSA31

Shortron base-plate mounting

Ø 22.3 mm

made in germany

SCHLEGEL
ELEKTROKONTAKT

Key Switches (momentary/maintained)

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

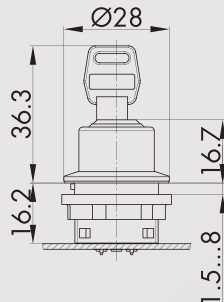
Illustration

Dimensions

Description

Type

IP65



Key Actuator, maintained, stainless steel

including two keys
other lock types on request

suitable contact blocks

P

front bezel stainless steel, polished

P

suitable contact blocks

P

front bezel stainless steel, polished

P

suitable contact blocks

P

front bezel stainless steel, polished

P

suitable contact blocks

P

front bezel stainless steel, polished

P

suitable contact blocks

P

front bezel stainless steel, polished

P

suitable contact blocks

P

front bezel stainless steel, polished

P

suitable contact blocks

P

front bezel stainless steel, polished

P

suitable contact blocks

P

front bezel stainless steel, polished

P

suitable contact blocks

P

front bezel stainless steel, polished

P

suitable contact blocks

P

front bezel stainless steel, polished

P

suitable contact blocks

P

front bezel stainless steel, polished

P

suitable contact blocks

P

front bezel stainless steel, polished

P

suitable contact blocks

P

front bezel stainless steel, polished

P

suitable contact blocks

P

front bezel stainless steel, polished

P

suitable contact blocks

P



SVASSA12



SVASSA13



SVASSA14



SVASSA15



SVASSA16

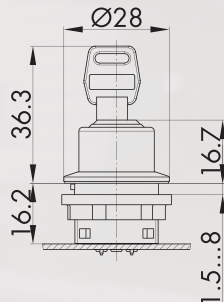


SVASSA17



SVASSA18

IP65



Key Actuator, maintained individually keyed)

stainless steel

incl. three keys

1st key: two-way operation

2nd key: operation only to the left

3rd key: operation only to the right

suitable contact blocks

P

front bezel stainless steel, polished

P

suitable contact blocks

P

front bezel stainless steel, polished

P

suitable contact blocks

P

front bezel stainless steel, polished

P

suitable contact blocks

P

front bezel stainless steel, polished

P

suitable contact blocks

P

front bezel stainless steel, polished

P

suitable contact blocks

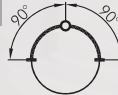
P

front bezel stainless steel, polished

P

suitable contact blocks

P



SVASSA31

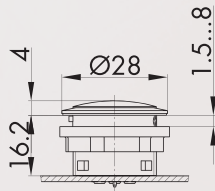
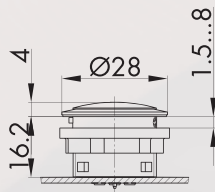
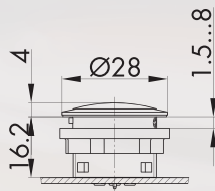


Standard Spare Keys

standard spare key, specify key number for special locks

ESMIC482

Pilot Lights

Illustration	Dimensions	Description	Type
 		Pilot-Light Head, silver-coloured suitable lamp elements front bezel silver-coloured	SN
 		Pilot Light Head, black suitable lamp elements front bezel black	SSWN
 		Pilot Light Head, stainless steel suitable lamp elements front bezel stainless steel, polished	SVAN
		Lens colour	
		blue	K22RRBL
		yellow	K22RRGB
		green	K22RRGN
		clear	K22RRKL
		red	K22RRRT
		opalwhite	K22RRWS
 		Blank Nameplate	BSRRU
 		Nameplate with standard imprint Please specify index number (see nameplates on pages 404)	BSRR...
		Nameplate with special imprint according to customer's specification	BSRRB

Shortron base-plate mounting

Ø 22.3 mm

made in germany

SCHLEGEL
ELEKTROKONTAKT

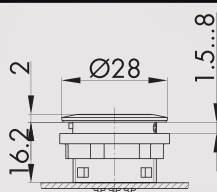
Pilot Lights

Illustration

Dimensions

Description

Type



Pilot-Light Head with ring illumination, silver-coloured

suitable lamp elements

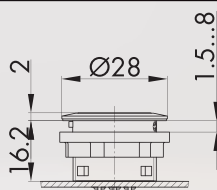
P

illuminated ring
front bezel

white
silver-coloured



SNLR



Pilot Light Head with ring illumination, black

suitable lamp elements

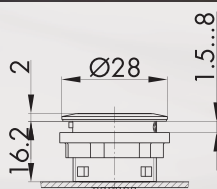
P

illuminated ring
front bezel

white
black



SSWNLR



Pilot Light Head with ring illumination, stainless steel

suitable lamp elements

P

illuminated ring
front bezel

white
stainless steel, polished



SVANLR

About Us

Control Units

→ Actuators

Panel Mount Jacks

Bus Technology

Enclosures

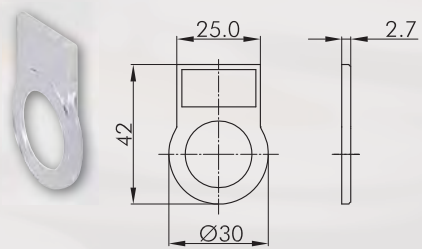
Terminal Blocks

Pedal Switches

Limit Switches

Type Index

Accessories for Control Units

Illustration	Dimensions	Description	Type
		Spacer Ring suitable for the Shortron series for panel thickness from 0.5 to 2.5 mm colour silver-coloured black	SDR SDRSW
		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 RONTRON-R-JUWEL and SHORTRON series, accepts self-adhesive nameplates, mountable from the front colour transparent	RRJABT
		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 no. (see nameplates on page 404) Dimensions: 22 x 11 mm	BZ16B...
		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