

Pushbutton Units and Indicator Lights

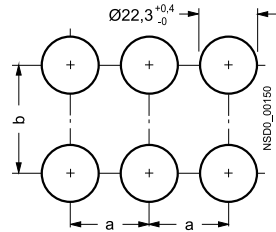
SIRIUS 3SB3

Dimension drawings (mm) Operator and indicator elements

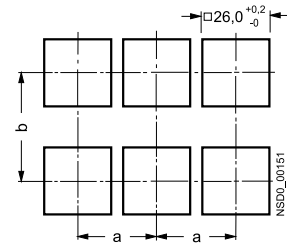
Dimension drawings

Mounting dimensions

Round design



Square design



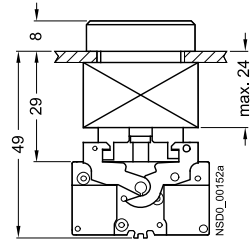
Minimum clearance

	a	b
Switch blocks (1 contact) and lampholder		
• for front plate mounting, with screw terminals	30 ¹⁾	45
• for front plate mounting, with spring-loaded terminals	30 ¹⁾	30 ¹⁾
• for use on PCB, with solder pins	30 ¹⁾	30 ¹⁾
Switch blocks with 2 contacts		
• for front plate mounting	30 ¹⁾	50
When using holders for labeling plates		
• 12.5 mm × 27 mm	30 ¹⁾	45 ²⁾
• 27.0 mm × 27 mm	30 ¹⁾	60

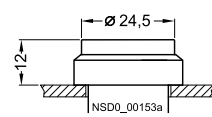
- 1) For mushroom pushbutton, EMERGENCY-STOP and push-pull button:
Note mushroom diameter d = 40 mm or 60 mm.
- 2) 60 mm with switch blocks having two contacts.

Molded-plastic version, round

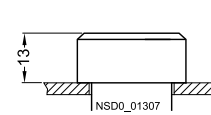
Pushbutton or illuminated pushbutton
with flat pushbutton
and single-pole switch block
(and lampholder)



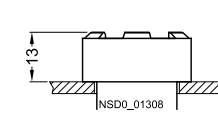
Pushbutton or illuminated pushbutton
with raised button



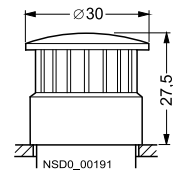
Pushbutton
with raised front ring



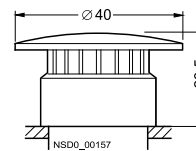
Pushbutton
with raised front ring castellated



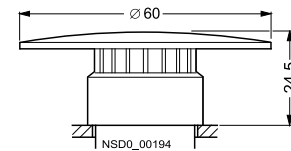
Mushroom pushbutton, illuminated mushroom pushbutton, push-pull-button or illuminated push-pull-button,
? 30 mm



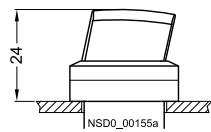
Mushroom pushbutton, illuminated mushroom pushbutton, push-pull-button or illuminated push-pull-button,
? 40 mm



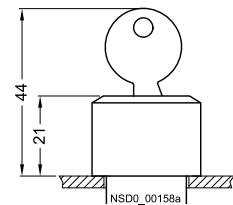
Mushroom pushbutton, illuminated mushroom pushbutton, push-pull-button or illuminated push-pull-button,
? 60 mm



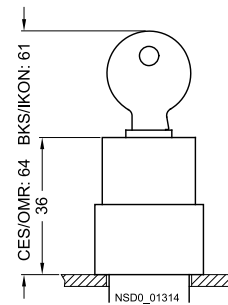
Selector switch or illuminated selector switch



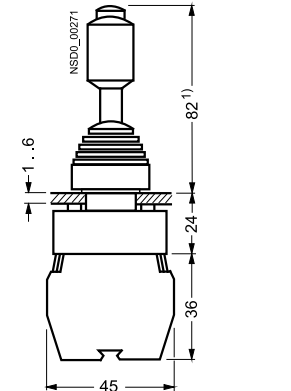
RONIS key-operated switch



BKS, CES, IKON, O.M.R. key-operated switches

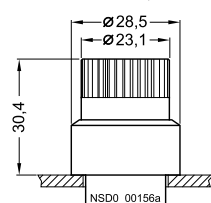


Joystick switch

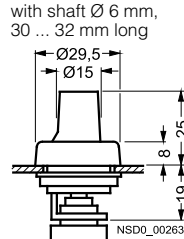


- 1) 82 with mechanical interlock, 77 without mechanical interlock

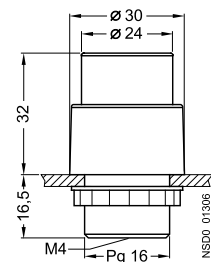
Pushbutton
with raised button, latching



Operating mechanism for potentiometer
with shaft Ø 6 mm,
30 ... 32 mm long



Pushbutton with extended stroke

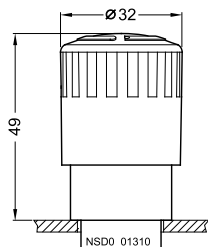


Pushbutton Units and Indicator Lights

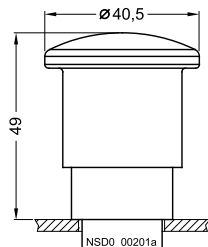
SIRIUS 3SB3

Dimension drawings (mm) Operator and indicator elements

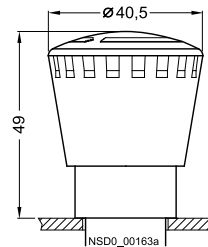
EMERGENCY-STOP mushroom pushbutton,
Ø 32 mm, pull to unlatch



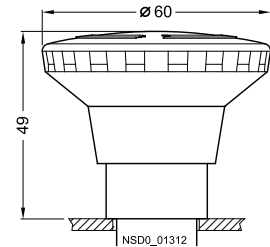
EMERGENCY-STOP mushroom pushbutton,
Ø 40 mm, pull to unlatch



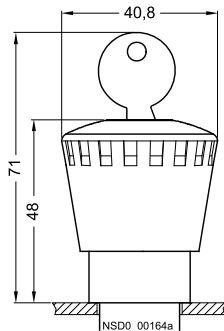
EMERGENCY-STOP mushroom pushbutton,
Ø 40 mm, pull to unlatch



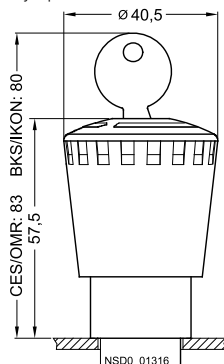
EMERGENCY-STOP mushroom pushbutton,
Ø 60 mm, rotate to unlatch



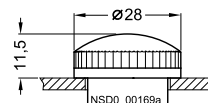
EMERGENCY-STOP mushroom pushbutton
with RONIS key-operated switch



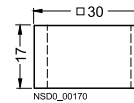
EMERGENCY-STOP mushroom pushbutton
with BKS, CES, IKON, O.M.R.
key-operated switch



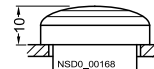
Indicator light



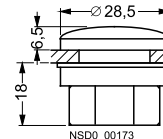
Gear Holder



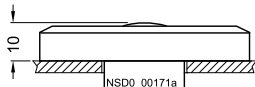
Audible signal device



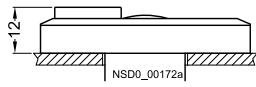
Hole plug



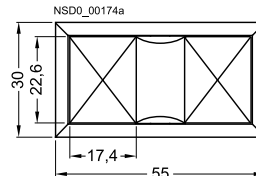
On-Off pushbutton
with flat buttons



On-Off pushbutton
with raised buttons

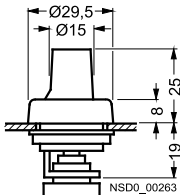


On-Off pushbutton
with or without indicator light

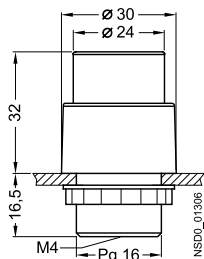


Top view

Operating mechanism for potentiometer
with shaft Ø 6 mm,
30 ... 32 mm long



Pushbutton with extended stroke



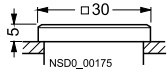
Pushbutton Units and Indicator Lights

SIRIUS 3SB3

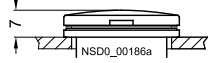
Dimension drawings (mm) Operator and indicator elements

Plastic version, square

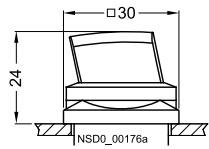
Pushbutton or illuminated pushbutton with flat pushbutton



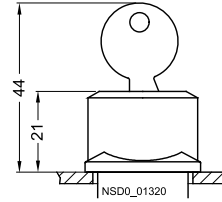
Indicator light



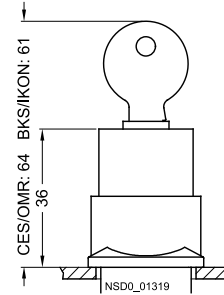
Selector switch or illuminated selector switch



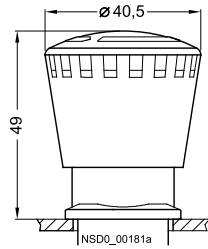
RONIS key-operated switch



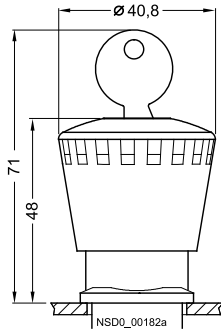
BKS, CES, IKON, O.M.R. key-operated switch



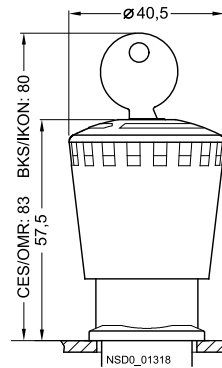
EMERGENCY-STOP mushroom pushbutton with safety lock



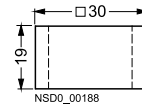
EMERGENCY-STOP mushroom pushbutton with RONIS key-operated switch



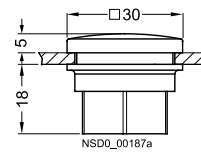
EMERGENCY-STOP mushroom pushbutton with BKS, CES, IKON, O.M.R. key-operated switch



Gear Holder

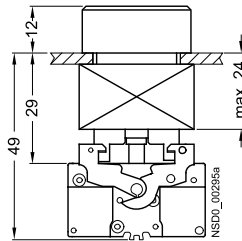


Hole plug

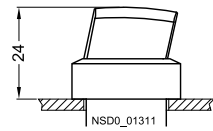


Metal version, round

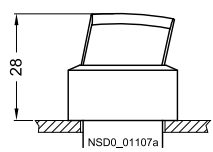
Pushbutton or illuminated pushbutton
with flat button and single-pole switch block (and lampholder)



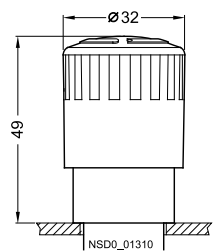
Selector switch or illuminated selector switch,
standard



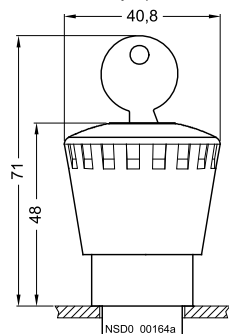
Selector switch or illuminated selector switch,
heavy duty



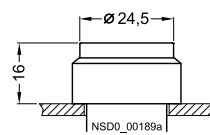
EMERGENCY-STOP mushroom pushbutton,
Ø 32 mm, pull to unlatch



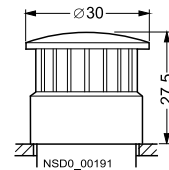
EMERGENCY-STOP mushroom pushbutton
with RONIS key-operated switch



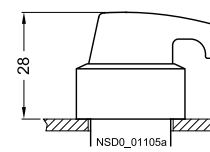
Pushbutton or illuminated pushbutton
with raised button



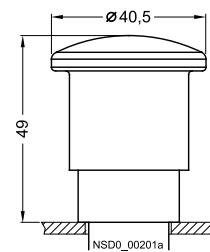
Mushroom pushbutton, illuminated mushroom pushbutton, push-pull-button or illuminated push-pull-button, ? 30 mm



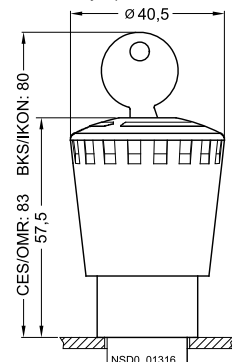
Selector switch or illuminated selector switch
with long handle



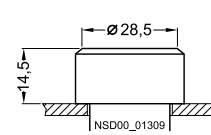
EMERGENCY-STOP mushroom pushbutton,
Ø 40 mm, rotate to unlatch



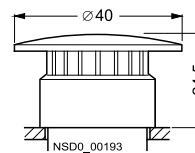
EMERGENCY-STOP mushroom pushbutton
with BKS, CES, IKON, O.M.R. key-operated switch



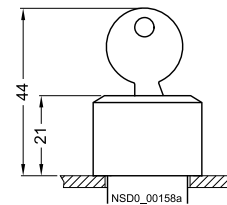
Pushbutton or illuminated pushbutton, latching,
with flat button



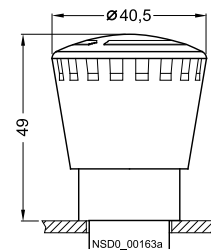
Mushroom pushbutton, illuminated mushroom pushbutton, push-pull-button or illuminated push-pull-button, ? 40 mm



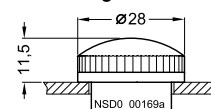
RONIS key-operated switch



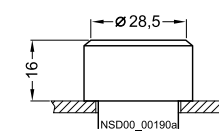
EMERGENCY-STOP mushroom pushbutton,
Ø 40 mm, rotate to unlatch



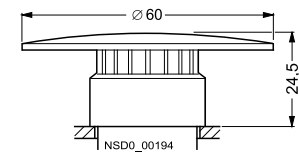
Indicator light



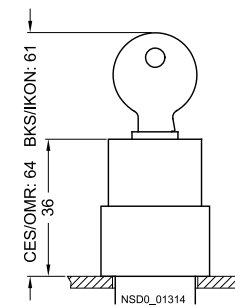
Pushbutton
with raised front ring



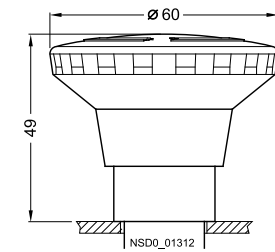
Mushroom pushbutton, illuminated mushroom pushbutton, push-pull-button or illuminated push-pull-button, ? 60 mm



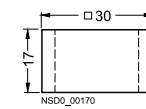
BKS, CES, IKON, O.M.R. key-operated switches



EMERGENCY-STOP mushroom pushbutton,
Ø 60 mm, rotate to unlatch



Gear Holder



Pushbutton Units and Indicator Lights

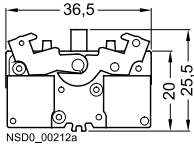
SIRIUS 3SB3

Dimension drawings (mm) Contact blocks and lampholders

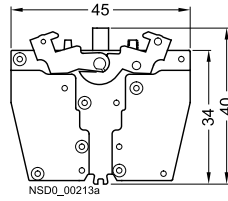
Contact blocks and lampholders

Screw connection, for front plate mounting

Switch block with 1 contact

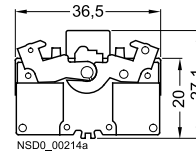


Switch block with 2 contacts

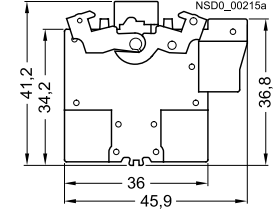


BA 9s lampholder

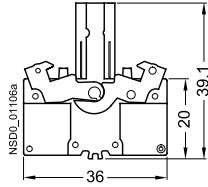
with or without integrated voltage reducer



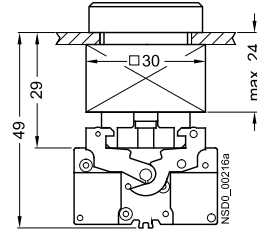
BA 9s lampholder with separate lamp test function



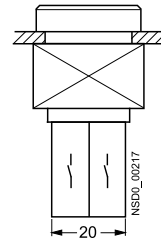
Lampholder with integrated LED



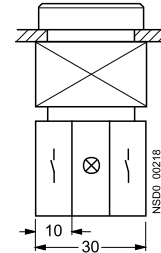
Pushbutton or illuminated pushbutton with switch blocks with 1 contact



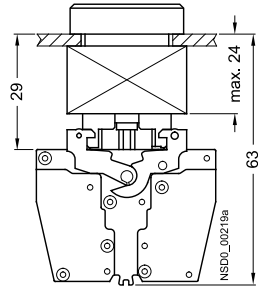
Pushbutton with switch blocks with 1 contact



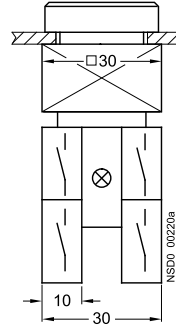
Illuminated pushbutton with switch blocks with 1 contact and lampholder



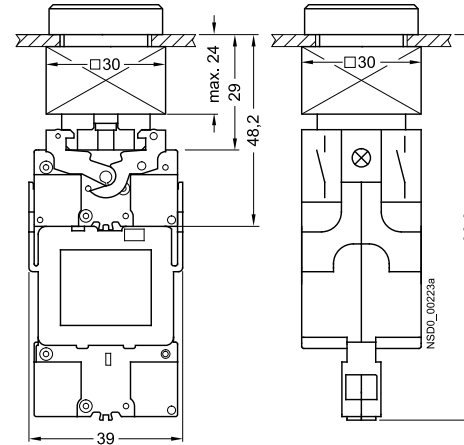
Pushbutton or illuminated pushbutton with switch blocks with 2 contacts



Illuminated pushbutton with switch blocks with 2 contacts and lampholder

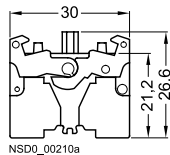


Illuminated pushbutton with switch blocks with 1 contact and lampholder with snapped-on transformer

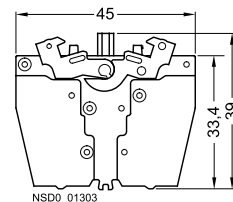


Spring-loaded terminals, for front plate mounting

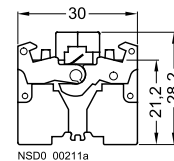
Switch block with 1 contact



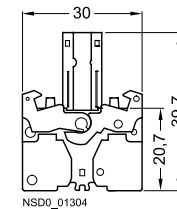
Switch block with 2 contacts



Lampholder BA 9s

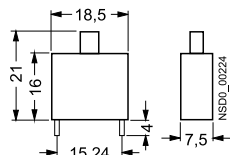


Lampholder with integrated LED

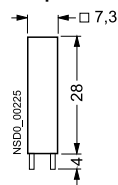


With solder pins, for use on PCB

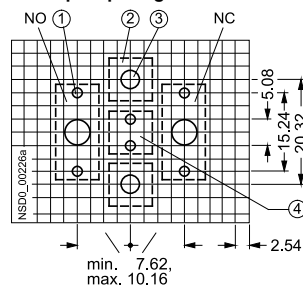
Contact block 1 NO and 1 NC



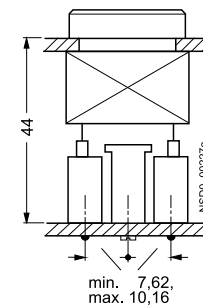
Lampholder



Solder pin spacing



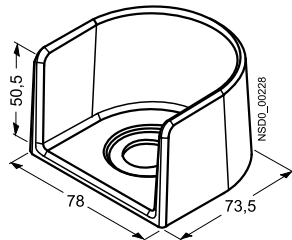
Pushbutton or illuminated pushbutton with contact blocks with 1 contact and PCB support



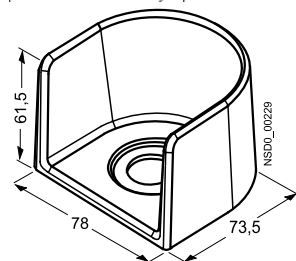
- ① Solder pin $\varnothing 1.3^{+0.1}$
- ② PCB holder
- ③ Centering hole $\varnothing 4.2^{+0.1}$
- ④ Lampholder

Accessories

3SB39 21-0AK shroud for front plate mounting ¹⁾, for EMERGENCY-STOP mushroom pushbutton without key-operated switch



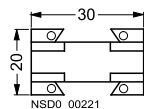
3SB39 21-0AX shroud for front plate mounting ¹⁾, for EMERGENCY-STOP mushroom pushbutton with key-operated switch



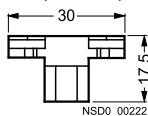
1) Can be used with a front plate thickness up to 4 mm.

Holder for mounting 3 elements

Holder for pushbuttons



Holder for selector switch, key-operated switch and On-Off pushbutton, with pressure plate



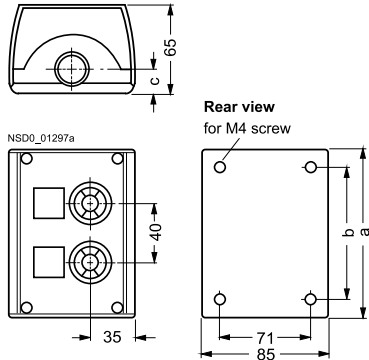
SIRIUS Complete Operating and Display Systems

SIRIUS 3SB3

Dimension drawings (mm) Accessories and enclosures

Enclosures

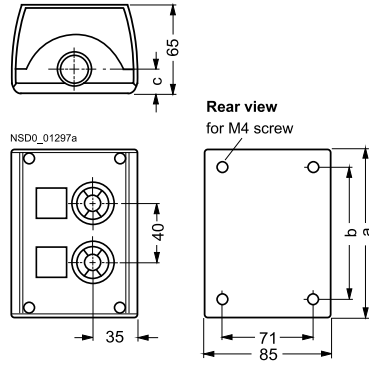
Enclosure without shroud, molded plastic



top and bottom with knockouts
for one gland each

Number of command points	Length a	Spacing b	Spacing c
1	85	54	17,5
2	114	83	17,5
3	154	123	17,5
4	194	163	17,5
6	280	249	20,5

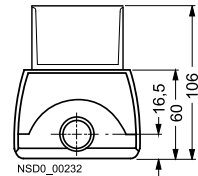
Enclosure without shroud, metal



top and bottom with opening
for one gland each

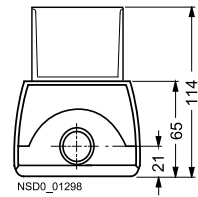
Number of command points	Length a	Spacing b	Spacing c
1	85	54	21
2	114	83	21
3	154	123	21
4	194	163	21
6	280	249	21

Enclosure with shroud, molded plastic



top and bottom with knockouts
for one gland each

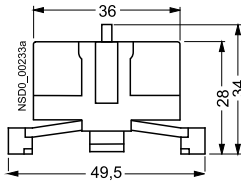
Enclosure with shroud, metal



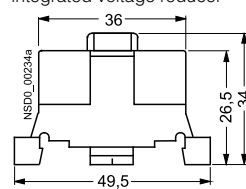
top and bottom with opening
for one gland each

Screw connection, for base mounting

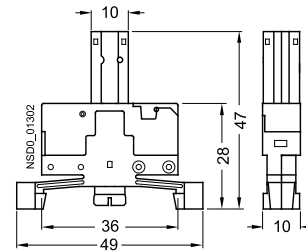
Contact block with 1 contact



BA9s lampholder with or without integrated voltage reducer

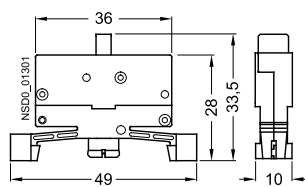


Lampholder with integrated LED

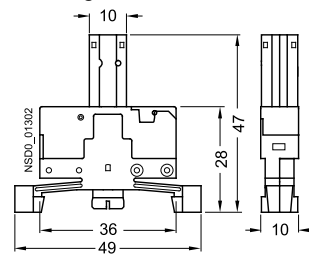


Spring-loaded terminals, for base mounting

Contact block with 1 contact



Lampholder with integrated LED



Support terminal

