

Catalog Supplement for 3SB3 22mm product line replaced by SIRIUS ACT (3SU1)

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Control and Signaling Devices

Push Button Units and Indicator Lights

22 mm mounting diameter, metal



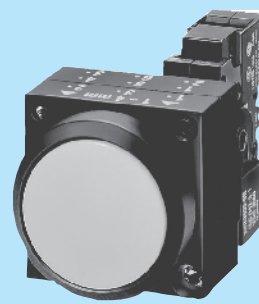
SIRIUS 3SB3, metal round Page

Selection and ordering data

- 3SB36 complete units 10/8
- 3SB35 pushbuttons and lens assemblies with holder 10/13
- 3SB34 contact blocks and lampholders 10/47
- 3SB3 accessories 10/61

Introduction	10/4
Technical specifications	10/6
Dimension drawings	10/82

22 mm mounting diameter, molded-plastic



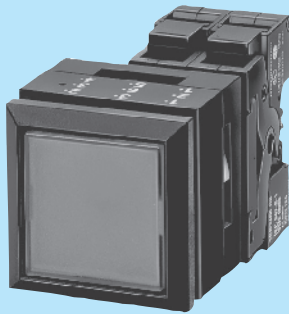
SIRIUS 3SB3, plastic round Page

Selection and ordering data

- 3SB32 complete units 10/23
- 3SB30 pushbuttons and lens assemblies with holder 10/30
- 3SB3 twin pushbuttons 10/36
- 3SB19, 36B39 accessories 10/36, 10/61
- 3SB34 contact blocks and lampholders 10/47

Introduction	10/4
Technical specifications	10/6
Dimension drawings	10/82

26 mm x 26 mm mounting cutout, molded-plastic



SIRIUS 3SB3, plastic square Page

Selection and ordering data

- 3SB33 complete units 10/41
- 3SB31 pushbuttons and lens assemblies with holder 10/33
- 3SB34 contact blocks and lampholders 10/47
- 3SB19 accessories 10/61

Introduction	10/4
Technical specifications	10/6
Dimension drawings	10/82

Enclosed devices, 22 mm mounting diameter



SIRIUS 3SB3, plastic square Page

Selection and ordering data

- 3SB38 enclosures with standard equipment 10/60
- 3SB34 contact blocks and lampholders 10/72
- 3SB38 empty enclosures 10/72
- 3SB38 enclosures with choice of equipment 10/73
- 3SB19 accessories, labels 10/77

Introduction	10/69
Dimension drawings	10/82

Communication-capable switching devices



SIRIUS 3SB3, plastic square Page

Selection and ordering data

- Assembled enclosures 10/79
- Field assembled components for enclosures 10/81

Push Button Units and Indicator Lights

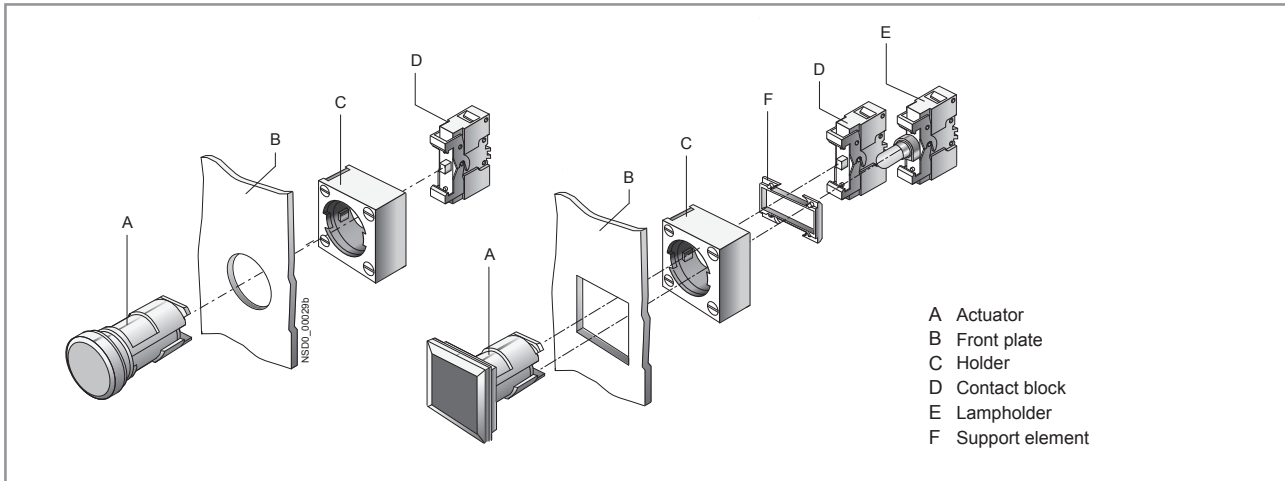
3SB3 Push Buttons and Indicator Lights, 22 mm

General data

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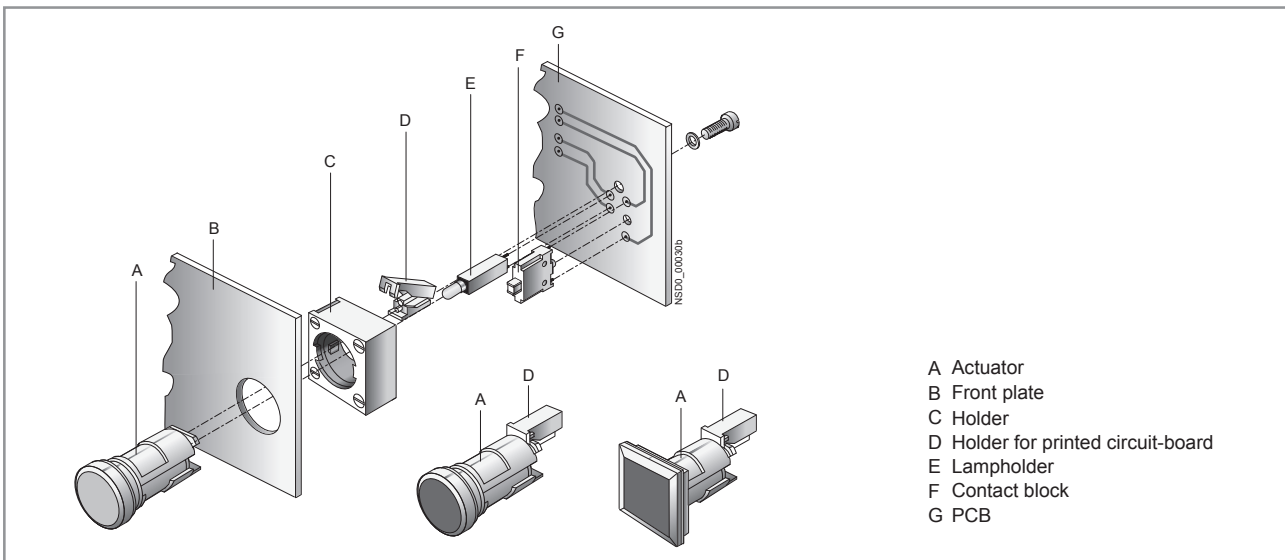
Overview

Front plate mounting



For actuators [see page 10/8 to 10/46](#).
 For contact blocks and lamp holders [see page 10/47 to 10/49](#).
 For holders [see page 10/50](#).

Mounting on printed circuit boards



For contact blocks for use on printed circuit boards [see page 10/50](#).

Contact assignment

For one contact block with 2 contacts, e.g. 1 NO + 1 NC

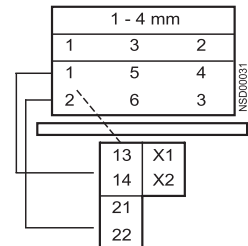
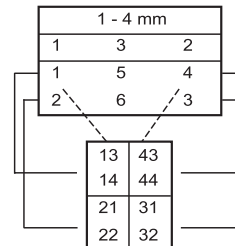
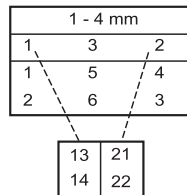
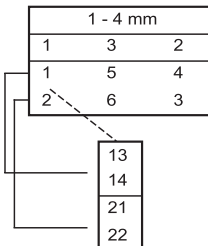
For 2 contact blocks each with 1 contact, e.g. 1 NO, 1 NC

For 2 contact blocks each with 2 contacts, e.g. 1 NO + 1 NC, 1 NO + 1 NC

For one contact block with 2 contacts, e.g. 1 NO + 1 NC and a lampholder

Mounting surface depth
 Depth for contact blocks with 1 contact
 Depth for contact blocks with 2 contacts

Carrier for 3 blocks
 Contact blocks, lamp holders



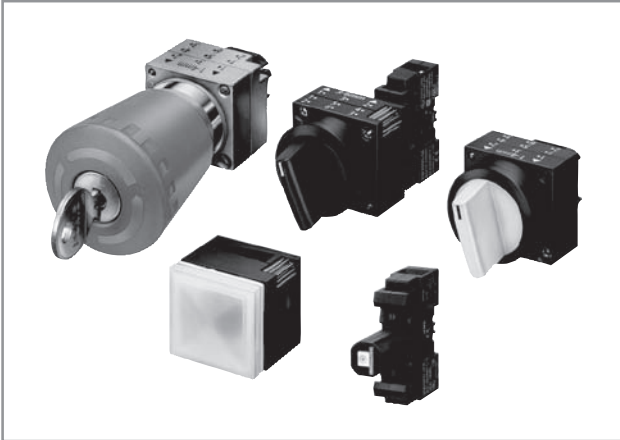
Push Button Units and Indicator Lights

3SB3 Push Buttons and Indicator Lights, 22 mm

General data

Design

The 3SB3 series is a modular range of commanding and signaling devices for front panel mounting and rear conductor connection. As an alternative, individual elements can also be supplied for use on printed circuit boards. Complete units are offered for the most commonly used applications.



Actuators and indicators and complete units

The 3SB3 series is available:

- Made of molded plastic in flat, round and square design
- Made of metal in round design.

The devices are of modern industrial design and can be mounted rapidly by a single person. The operating surfaces of the push buttons and illuminated push buttons are concave. The lenses of the indicator lights are convex.

The metal version with a high degree of protection according to IP67 and NEMA 4X is available for the world market.

One command point comprises:

- An actuator or lens assembly in front of the control panel
- A holder for mounting behind the control panel
- Up to 3 contact blocks and/or 1 lamp holder behind the control panel
- A comprehensive range of accessories for inscription

Two contact blocks can be snapped onto the actuator in the standard version.

When three contact blocks or illuminated actuators are required, an additional holder must be plugged onto the actuator from the rear.

- 3SB39 01-0AB holder for 3 contact blocks or for 2 contact blocks and 1 lamp holder
- 3SB39 01-0AC holder with pressure plates for actuating a central contact block when using a selector switch, key-operated switch and twin push button with 3 contact blocks.

For illuminated push buttons, illuminated switches and illuminated selector switches the holder is included in the scope of supply as standard.




The contact blocks are fitted with slow-action contacts with double operating contacts. These ensure a high switching reliability even with small voltages and currents, such as 5 V/1 mA. They are suitable for use in solid-state systems as well as conventional controls.

Standards

IEC 60947-1, EN 60947-1,
IEC 60947-5-1, EN 60947-5-1,
IEC 60947-5-5, EN 60947-5-5 for EMERGENCY-STOP mushroom push buttons.

Connection methods

The devices are available with screw terminals (box terminals), spring-type terminals or solder pins.

-  Screw terminals
-  Spring-type terminals
-  Solder pin connections

The terminals are indicated in the corresponding tables by the symbols shown on blue backgrounds.

Application

The devices are climate-proof (KTW 24) and suitable for standard industrial applications and operation in marine applications. For operation in oily atmospheres (organic oils/lubricants) we recommend actuators which are marked as "solvent-resistant".

AS-Interface solutions

The 3SB3 commanding and signaling devices can be connected to the AS-Interface communication system quickly and safely with the help of various solutions.

The following solutions are available:

- ASIsafe EMERGENCY-STOP mushroom push buttons (see page 10/79)
- AS-Interface enclosures with 1 to 6 command points (see page 10/78).
- AS-Interface front panel modules for 4 command points (see Catalog IK PI)

"Intrinsic safety" type of protection EEx i according to ATEX directive 94/9/EC


The push buttons and indicator lights in round design can also be used in hazardous areas. The 3SB34 ...0. contact blocks and the 3SB34 ...1A lamp holders (with 3SB39 01-1.A LED lamp) with screw terminals or spring-type terminals can be used.

See www.siemens.com/sirius/atex.

Safety EMERGENCY-STOP push buttons according to ISO 13850

For controls according to IEC 60204-1 or EN 60204-1, the mushroom push buttons of the 3SB3 series are suitable for use as safety EMERGENCY-STOP push buttons.

Safety circuits

IEC 60947-5-1 and EN 60947-5-1 require positive opening, i.e. for the purposes of personal safety, the assured opening of NC contacts is expressly stipulated for the electrical equipment of machines in all safety circuits and marked according to IEC 60947-5-1 with the symbol .

Category 4 according to EN 954-1 can be attained with the EMERGENCY-STOP mushroom push buttons if the corresponding failsafe evaluation units are selected and correctly installed, e.g. the 3TK28 safety relays or matching units from the ASIsafe, SIMATIC or SINUMERIK product ranges.

Push Button Units and Indicator Lights

3SB3 Push Buttons and Indicator Lights, 22 mm

General data

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Configuration

Mounting and fixing

The 3SB3 devices can be easily and quickly mounted:

- Actuators or indicator lights are positioned in the opening of the front panel from the front
- Position the holder from the rear
- Tighten the screw on the holder
- Snap on the contact block or the lamp holder directly onto the actuator from the back

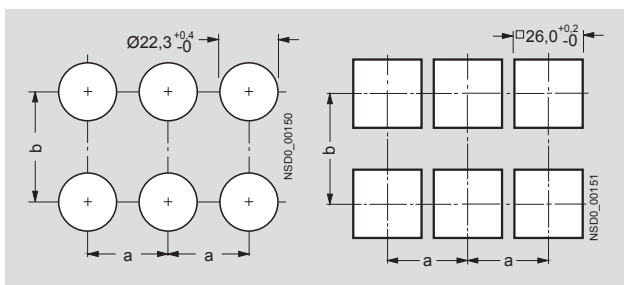
The holder for the round versions is set to a switchboard thickness of 1 to 4 mm when delivered and is placed in the direction of the arrow \uparrow 1–4 mm \uparrow on the actuator/indicator from the back. The fixing screw is located underneath, on the right.

For a switchboard thickness of 3 to 6 mm, the holder is reversed and mounted in the direction of the arrow at \uparrow 3–6 mm \uparrow and the fixing screw is located on the upper right. In this case, the fixing screw must be rotated anticlockwise to its limit before mounting the holder.

The control panel depth of 1 to 4 mm can be compensated with the holder with the square version.

When label holders, protective caps or similar accessories are used, the greatest permissible control panel thickness must be reduced by the wall thickness of the accessory part.

Mounting dimensions on front plates

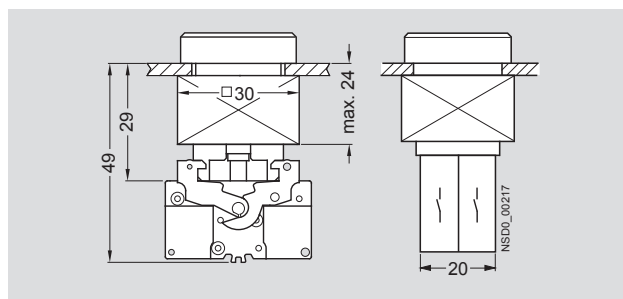


Minimum clearance	a	b
Contact blocks (1 contact) and lamp holder		
• For front plate mounting, with screw terminals	30 ¹⁾	45
• For front plate mounting with spring-type terminals	30 ¹⁾	30 ¹⁾
• For use on PCB, with solder pin connections	30 ¹⁾	30 ¹⁾
Contact blocks with 2 contacts		
• for front plate mounting	30 ¹⁾	50
When using holders for inscription labels		
• 12.5 mm × 27 mm	30 ¹⁾	45 ²⁾
• 27.0 mm × 27 mm	30 ¹⁾	60

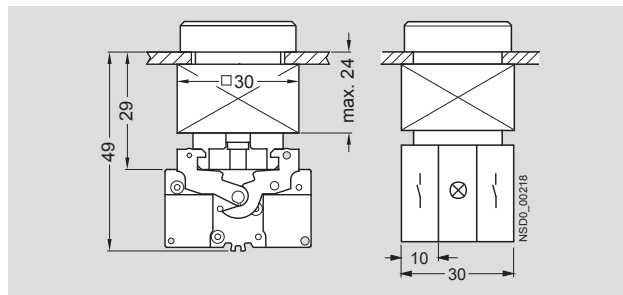
¹⁾ For mushroom push button, EMERGENCY-STOP and push-pull button:
Note mushroom diameter $d = 40$ mm or 60 mm.

²⁾ 60 mm with contact blocks having two contacts.

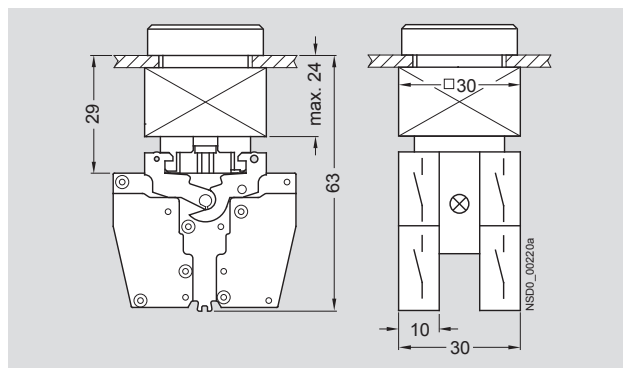
Mounting depth



Push button with two contact blocks

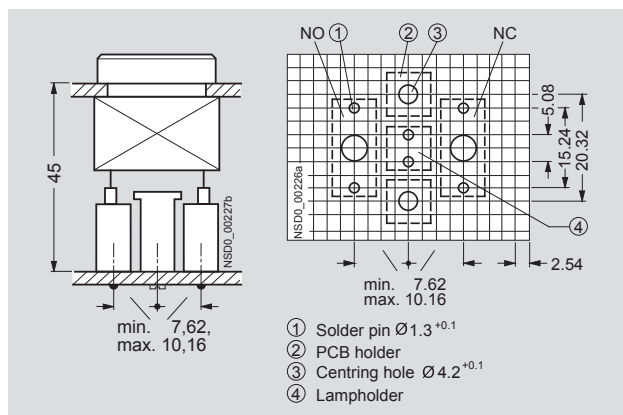


Illuminated push button with lamp holder and two contact blocks



Illuminated push button with lamp holder and two contact blocks with two contacts

Used on printed circuit boards



Illuminated push button with solder pins




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

Push Button Units and Indicator Lights

3SB3 Push Buttons and Indicator Lights, 22 mm

General data

Technical specifications

Type		3SB34 00-0, 3SB34 20-0	3SB14 00-0J	3SB34 00-1, 3SB34 20-1	3SB34 03-0, 3SB34 23-0	3SB34 03-1, 3SB34 23-1	3SB34 11-0	3SB34 11-1
Contact blocks and lamp holders								
Standards		IEC 60947-5-1, IEC 60947-5-5, EN 60947-5-1, EN 60947-5-5						
Connection type		 Screw terminals			 Spring-type terminals		 Solder pins	
Rated insulation voltage U_i	V	400		250	400		250	60
For pollution degree according to IEC 60947-1								
		Class 3		Class 3	Class 3		Class 3	Class 3
Rated impulse withstand voltage U_{imp}	kV	4		4	4	4	4	1.5
Conventional thermal current I_{th}	A	10		—	10	—	10	—
Rated operational current I_e at rated operational voltage U_e								
• Alternating current 50/60 Hz, AC-12								
- At $U_e = 24 \dots 230$ V	A	10		—	10	—	10	—
- At $U_e = 400$ V	A	10		—	10	—	10	—
• Alternating current 50/60 Hz, AC-15								
- At $U_e = 24 \dots 230$ V	A	6	6	—	6	—	4	—
- At $U_e = 400$ V	A	3	4	—	3	—	—	—
• Direct current DC-12								
- At $U_e = 24$ V	A	10	10	—	10	—	10	—
- At $U_e = 48$ V	A	5	—	—	5	—	5	—
- At $U_e = 110$ V	A	2.5	2	—	2.5	—	2.5	—
- At $U_e = 230$ V	A	1	0.5	—	1	—	1	—
• Direct current DC-13								
- At $U_e = 24$ V	A	3	5	—	3	—	3	—
- At $U_e = 48$ V	A	1.5	—	—	1.5	—	1.5	—
- At $U_e = 110$ V	A	0.7	0.5	—	0.7	—	0.7	—
- At $U_e = 230$ V	A	0.3	0.2	—	0.3	—	0.3	—
Contact stability								
• Test voltage	V	5	—	—	5	—	5	—
• Test current	mA	1	—	—	1	—	1	—
Lamp holders		—	—	BA 9s	—	BA 9s	—	Wedge bases
Lamps		—	—	Incandescent lamps, glow lamps and LED lamps	—	Incandescent lamps, glow lamps and LED lamps	—	Incandescent lamps and LED lamps
Short-circuit protection , weld-free, acc. to IEC 60947-5-1								
• DIAZED fuse links, utilization category gG acc. to IEC 60269-3-1		Dz10 A						
• DIAZED fuse links, quick according to DIN VDE 0635		Dz 16 A						
• Miniature circuit breaker with C characteristic according to IEC 60898	A	10						
Mechanical endurance		10 × 10 ⁶ operating cycles						
Electrical endurance		10 × 10 ⁶ operating cycles						
• For utilization category AC-15 with 3RT20 15 to 3RT20 26 contactors		10 × 10 ⁶ operating cycles						
• With utilization category DC-12, DC-13		With direct current it depends on the operational voltage, the breaking current, the circuit inductance and the switching frequency						
Switching frequency	1/h	1000 operating cycles						
Degree of protection acc. to IEC 60529								
• Connections		IP20		—	IP40		—	IP40
• Contact chambers		IP40		—	IP40		—	IP40
Touch protection according to EN 61140 and BGV A3		Finger-safe			Finger-safe			—
Conductor cross-sections ¹⁾								
• Finely stranded, without end sleeves	mm ²	—		2 × (0.25 ... 1.5)		—		
• Finely stranded, with end sleeves to DIN 46228	mm ²	2 × (0.5 ... 1.5)		2 × (0.25 ... 0.75)		—		
• Solid	mm ²	2 × (1 ... 1.5)		2 × (0.25 ... 1.5)		—		
• Solid with end sleeves to DIN 46228	mm ²	2 × (0.5 ... 0.75)		—		—		
• AWG cables, solid or stranded		2 × AWG 18 ... 14		2 × AWG 24 ... 16		—		
Tightening torque , terminal screw	Nm	0.8		—		—		
Solder pins	mm ²	—		—		0.8 × 0.8		

¹⁾ For standard screwdriver size 2 or Pozidriv 2.

Push Button Units and Indicator Lights

3SB3 Push Buttons and Indicator Lights, 22 mm

General data

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Type	3SB34 00-0, 3SB34 20-0	3SB34 00-1, 3SB34 20-1	3SB34 03-0, 3SB34 23-0	3SB34 03-1, 3SB34 23-1	3SB34 11-0	3SB34 11-1
Data according to UL and CSA						
Rated operational voltage	V AC 300	—	300	—	300	—
Conventional thermal current (uninterrupted current)	A 10	—	10	—	10	—
Switching capacity	A 300, R 300, A 600 same polarity					
Rated voltage (lamps)	<ul style="list-style-type: none"> Lamp with BA 9s base Lamp with wedge base Lamp holders with integrated LED 					
	V AC	—	125	—	125	—
	V AC	—	60	—	60	60
	V	—	24 AC/DC, 110 AC, 230 AC	—	24 AC/DC, 110 AC, 230 AC	—
Rated power (lamps)	W	—	2.5	—	2.5	1

Type	3SB30, 3SB32 (3SB31)	3SB31, 3SB33	3SB35, 3SB36
Actuators and indicators			
Enclosure material	Plastic		Metal
Design	Round	Square	Round
Terminal designation acc. to EN 50013	Identification number on the holder, function digit on the contact block		
Device identification	Snap-on label		
Tightening torques	<ul style="list-style-type: none"> Screw on holder 		
	Nm	max. 1	
Mechanical endurance	<ul style="list-style-type: none"> Push buttons Illuminated push buttons Actuators, rotary or maintained Key-operated switch with key monitoring 		
		<ul style="list-style-type: none"> 10 × 10⁶ operating cycles 3 × 10⁶ operating cycles 3 × 10⁵ operating cycles 1 × 10⁵ operating cycles 	
Switching frequency	1/h	1000 operating cycles	
Climatic withstand capability acc. to EN ISO 6270-2	Climate-proof KTW24; suitable for marine applications		
Ambient temperature	<ul style="list-style-type: none"> During operation, non-illuminated and with LED During operation, devices with incandescent lamp During storage, transport 		
	°C	-25 ... +70	
	°C	-25 ... +60	
	°C	-40 ... +80	
Degree of protection acc. to IEC 60529 and NEMA Standards	<ul style="list-style-type: none"> Actuators and indicators, standard - with protective caps Key-operated switch with key monitoring Twin push buttons (3SB31) 		
		IP66; NEMA Type 1,3,4,4X, 12 IP67; NEMA Type 1,3,4,4X, 12 IP54; NEMA Type 1,3,4,4X, 12 IP65; NEMA Type 1,3,4,4X, 12	IP65; NEMA Type 1,3,4,4X, 12 IP67; NEMA Type 1,3,4,4X, 12 — —
Protective measures	Protective measures are met automatically when the actuators and lens assemblies are mounted on metal front plates and enclosures. When mounted in insulated enclosures, the "total insulation" protective measures are met.		
Shock resistance according to IEC 60068-2-27 for half-sine shock type, 11 ms shock duration	<ul style="list-style-type: none"> Devices without incandescent lamp Devices with incandescent lamp 		
		≤ 50 g ≤ 30 g	
Vibration resistance acc. to IEC 60068-2-6	<ul style="list-style-type: none"> Acceleration at frequency 20 ... 200 Hz 		
		5 g	

Type	3SB38 0.-0, 3SB38 0.-1	—	3SB38 0.-2, 3SB38 0.-3
Enclosures			
Enclosure material	Plastic		Metal
Actuators and indicators	Plastic, round		Metal, round
Degree of protection acc. to IEC 60529	IP65		IP67 and NEMA Type 4
Resistance to extreme climates acc. to DIN 50017	KTW 24		KTW 24

Push Button Units and Indicator Lights

3SB3, Metal, Round, 22 mm

Complete Units

Selection and ordering data

Rated voltage of lamp	Color of handle	Contacts for front plate mounting	DT	Screw terminals	DT	Spring-type terminals
				Order No.		Order No.

V

Push buttons



Push button with flat button

Push buttons with flat button

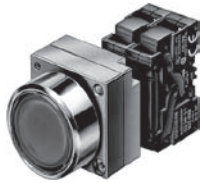
Black	1 NO	3SB36 02-0AA11	3SB36 02-0AA11-0CC0
Black	1 NC	3SB36 03-0AA11	3SB36 03-0AA11-0CC0
Red	1 NC	3SB36 03-0AA21	3SB36 03-0AA21-0CC0
Yellow	1 NO	3SB36 02-0AA31	3SB36 02-0AA31-0CC0
Green	1 NO	3SB36 02-0AA41	3SB36 02-0AA41-0CC0
Blue	1 NO	3SB36 02-0AA51	3SB36 02-0AA51-0CC0
White	1 NO	3SB36 02-0AA61	3SB36 02-0AA61-0CC0
Black	1 NO + 1 NC	3SB36 01-0AA11	3SB36 01-0AA11-0CC0
Red	1 NO + 1 NC	3SB36 01-0AA21	3SB36 01-0AA21-0CC0
Yellow	1 NO + 1 NC	3SB36 01-0AA31	3SB36 01-0AA31-0CC0
Green	1 NO + 1 NC	3SB36 01-0AA41	3SB36 01-0AA41-0CC0
Blue	1 NO + 1 NC	3SB36 01-0AA51	3SB36 01-0AA51-0CC0
White	1 NO + 1 NC	3SB36 01-0AA61	3SB36 01-0AA61-0CC0
Clear	1 NO + 1 NC	3SB36 01-0AA71	—

Push button unit with extended button

Black	1 NO	3SB36 02-0BA11	—
Black	1 NC	3SB36 03-0BA11	—
Red	1 NC	3SB36 03-0BA21	—
Yellow	1 NO	3SB36 02-0BA31	—
Blue	1 NO	3SB36 02-0BA51	—
White	1 NO	3SB36 02-0BA61	—
Black	1 NO + 1 NC	3SB36 01-0BA11	—
Red	1 NO + 1 NC	3SB36 01-0BA21	—
Yellow	1 NO + 1 NC	3SB36 01-0BA31	—
Green	1 NO + 1 NC	3SB36 01-0BA41	—
Blue	1 NO + 1 NC	3SB36 01-0BA51	—
White	1 NO + 1 NC	3SB36 01-0BA61	—

Illuminated push buttons with flat button

momentary with integrated LED
(incl. holder for 3 elements)



Illuminated push button with flat button

24 AC/DC	Red ¹⁾	1 NC	3SB36 46-0AA21	3SB36 46-0AA21-0CC0
	Yellow ¹⁾	1 NO	3SB36 45-0AA31	3SB36 45-0AA31-0CC0
	Green ¹⁾	1 NO	3SB36 45-0AA41	3SB36 45-0AA41-0CC0
	Blue ¹⁾	1 NO	3SB36 45-0AA51	3SB36 45-0AA51-0CC0
	White	1 NO	3SB36 45-0AA61	3SB36 45-0AA61-0CC0
	Clear ¹⁾	1 NO	3SB36 45-0AA71	3SB36 45-0AA71-0CC0
	Red ¹⁾	1 NO + 1 NC	3SB36 47-0AA21	3SB36 47-0AA21-0CC0
	Yellow ¹⁾	1 NO + 1 NC	3SB36 47-0AA31	3SB36 47-0AA31-0CC0
	Green ¹⁾	1 NO + 1 NC	3SB36 47-0AA41	3SB36 47-0AA41-0CC0
	Blue ¹⁾	1 NO + 1 NC	3SB36 47-0AA51	3SB36 47-0AA51-0CC0
	White	1 NO + 1 NC	3SB36 47-0AA61	3SB36 47-0AA61-0CC0
	Clear ¹⁾	1 NO + 1 NC	3SB36 47-0AA71	3SB36 47-0AA71-0CC0
110 AC	Red ¹⁾	1 NC	3SB36 50-0AA21	—
	Yellow ¹⁾	1 NO	3SB36 57-0AA31	—
	Green ¹⁾	1 NO	3SB36 57-0AA41	—
	Blue ¹⁾	1 NO	3SB36 57-0AA51	—
	White	1 NO	3SB36 57-0AA61	—
	Clear ¹⁾	1 NO	3SB36 57-0AA71	—
	Red ¹⁾	1 NO + 1 NC	3SB36 51-0AA21	—
	Yellow ¹⁾	1 NO + 1 NC	3SB36 51-0AA31	—
	Green ¹⁾	1 NO + 1 NC	3SB36 51-0AA41	—
	Blue ¹⁾	1 NO + 1 NC	3SB36 51-0AA51	—
	White	1 NO + 1 NC	3SB36 51-0AA61	—
	Clear ¹⁾	1 NO + 1 NC	3SB36 51-0AA71	—
230 AC	Red ¹⁾	1 NC	3SB36 54-0AA21	3SB36 54-0AA21-0CC0
	Yellow ¹⁾	1 NO	3SB36 53-0AA31	3SB36 53-0AA31-0CC0
	Green ¹⁾	1 NO	3SB36 53-0AA41	3SB36 53-0AA41-0CC0
	Blue ¹⁾	1 NO	3SB36 53-0AA51	3SB36 53-0AA51-0CC0
	White	1 NO	3SB36 53-0AA61	3SB36 53-0AA61-0CC0
	Clear ¹⁾	1 NO	3SB36 53-0AA71	3SB36 53-0AA71-0CC0
	Red ¹⁾	1 NO + 1 NC	3SB36 55-0AA21	3SB36 55-0AA21-0CC0
	Yellow ¹⁾	1 NO + 1 NC	3SB36 55-0AA31	3SB36 55-0AA31-0CC0
	Green ¹⁾	1 NO + 1 NC	3SB36 55-0AA41	3SB36 55-0AA41-0CC0
	Blue ¹⁾	1 NO + 1 NC	3SB36 55-0AA51	3SB36 55-0AA51-0CC0
	White	1 NO + 1 NC	3SB36 55-0AA61	3SB36 55-0AA61-0CC0
	Clear ¹⁾	1 NO + 1 NC	3SB36 55-0AA71	3SB36 55-0AA71-0CC0

For online configurator see www.siemens.com/sirius/configurators.

¹⁾ Inscription is possible by inserting a label.

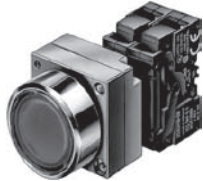
Push Button Units and Indicator Lights

3SB3, Metal, Round, 22 mm

Complete Units

Rated voltage of lamp	Color of handle	Contacts for front plate mounting	DT	Screw terminals	DT	Spring-type terminals
				Order No.		Order No.

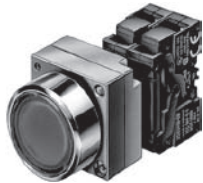
Push buttons



Illuminated push button with flat button

Illuminated push buttons with flat button
with BA 9s lamp holder, without lamp
(incl. holder for 3 elements)

—	Red ¹⁾	1 NC	3SB36 07-0AA21	3SB36 07-0AA21-0CC0
	Amber ¹⁾	1 NO	3SB36 06-0AA01	—
	Yellow ¹⁾	1 NO	3SB36 06-0AA31	3SB36 06-0AA31-0CC0
	Green ¹⁾	1 NO	3SB36 06-0AA41	3SB36 06-0AA41-0CC0
	Blue ¹⁾	1 NO	3SB36 06-0AA51	3SB36 06-0AA51-0CC0
	White	1 NO	3SB36 06-0AA61	3SB36 06-0AA61-0CC0
	Clear ¹⁾	1 NO	3SB36 06-0AA71	3SB36 06-0AA71-0CC0
	Red ¹⁾	1 NO + 1 NC	3SB36 05-0AA21	3SB36 05-0AA21-0CC0
	Amber ¹⁾	1 NO + 1 NC	3SB36 05-0AA01	—
	Yellow ¹⁾	1 NO + 1 NC	3SB36 05-0AA31	3SB36 05-0AA31-0CC0
	Green ¹⁾	1 NO + 1 NC	3SB36 05-0AA41	3SB36 05-0AA41-0CC0
	Blue ¹⁾	1 NO + 1 NC	3SB36 05-0AA51	3SB36 05-0AA51-0CC0
	White	1 NO + 1 NC	3SB36 05-0AA61	3SB36 05-0AA61-0CC0
	Clear ¹⁾	1 NO + 1 NC	3SB36 05-0AA71	3SB36 05-0AA71-0CC0

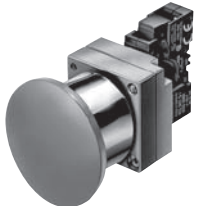


Illuminated push button with flat button

Illuminated push buttons with flat, solvent-resistant button²⁾,
with integrated LED (incl. holder for 3 elements)

24 AC/DC	Red ¹⁾	1 NC	3SB36 46-0AA21-0PA0	—
	Yellow ¹⁾	1 NO	3SB36 45-0AA31-0PA0	—
	Green ¹⁾	1 NO	3SB36 45-0AA41-0PA0	—
	Blue ¹⁾	1 NO	3SB36 45-0AA51-0PA0	—
	White	1 NO	3SB36 45-0AA61-0PA0	—
	Clear ¹⁾	1 NO	3SB36 45-0AA71-0PA0	—
	Red ¹⁾	1 NO + 1 NC	3SB36 47-0AA21-0PA0	—
	Yellow ¹⁾	1 NO + 1 NC	3SB36 47-0AA31-0PA0	—
	Green ¹⁾	1 NO + 1 NC	3SB36 47-0AA41-0PA0	—
	Blue ¹⁾	1 NO + 1 NC	3SB36 47-0AA51-0PA0	—
	White	1 NO + 1 NC	3SB36 47-0AA61-0PA0	—
	Clear ¹⁾	1 NO + 1 NC	3SB36 47-0AA71-0PA0	—

Mushroom push buttons



Mushroom push-pull button

Mushroom push-pull buttons, Ø 40 mm, maintained
with pull-to-unlatch mechanism

—	Red	1 NC	3SB36 03-1CA21	3SB36 03-1CA21-0CC0
		1 NO + 1 NC	3SB36 01-1CA21	3SB36 01-1CA21-0CC0

For online configurator see www.siemens.com/sirius/configurators.





¹⁾ Inscription is possible by inserting a label.

²⁾ Not suitable for laser inscription.

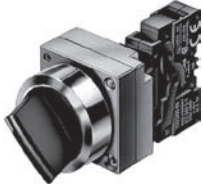
Push Button Units and Indicator Lights

3SB3, Metal, Round, 22 mm

Complete Units

Version	Color of handle/ Lock No.	Contacts for front plate mounting	DT	Screw terminals 	DT	Spring-type terminals 
				Configurator 		Configurator 
				Order No.		Order No.

Selector switches



Selector switch

Selector switches, 2 switch positions

Switching sequence O-I, 50° operating angle

Latching



Black,	1 NO	3SB36 02-2KA11	3SB36 02-2KA11-0CC0
Standard	1 NO + 1 NC	3SB36 01-2KA11	3SB36 01-2KA11-0CC0
Black,	1 NO	3SB36 02-2PA11	—
Heavy duty	1 NO + 1 NC	3SB36 01-2PA11	—

Selector switches, 3 switch positions

switching sequence I-O-II, 2 x 50° operating angle

Latching



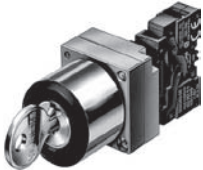
Black,	1 NO, 1 NO	3SB36 10-2DA11	3SB36 10-2DA11-0CC0
Standard	1 NO + 1 NC, 1 NO + 1 NC	3SB36 08-2DA11	3SB36 08-2DA11-0CC0
Black,	1 NO, 1 NO	3SB36 10-2SA11	—
Heavy duty	1 NO + 1 NC, 1 NO + 1 NC	3SB36 08-2SA11	—

Momentary, spring
return from the left
and right



Black,	1 NO, 1 NO	3SB36 10-2EA11	3SB36 10-2EA11-0CC0
Standard	1 NO + 1 NC, 1 NO + 1 NC	3SB36 08-2EA11	3SB36 08-2EA11-0CC0
Black,	1 NO, 1 NO	3SB36 10-2TA11	—
Heavy duty	1 NO + 1 NC, 1 NO + 1 NC	3SB36 08-2TA11	—

Key-operated switches



RONIS key-operated
switch

RONIS key-operated switch, 2 switch positions

with 2 keys, removal position O + I,
switching sequence O-I, 50° operating angle

Latching







SB 30	1 NO	3SB36 02-4AD11	3SB36 02-4AD11-0CC0
	1 NO + 1 NC	3SB36 01-4AD11	3SB36 01-4AD11-0CC0

 For online configurator see www.siemens.com/sirius/configurators .

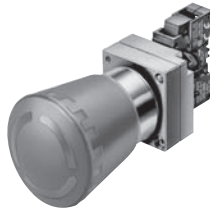
Push Button Units and Indicator Lights

3SB3, Metal, Round, 22 mm

Complete Units

Color of handle	Contacts for front plate mounting	DT	Screw terminals 	DT	Spring-type terminals 
			Configurator 		Configurator 
			Order No.		Order No.




EMERGENCY-STOP devices according to ISO 13850, with yellow name plate, Ø 80 mm, with inscription



EMERGENCY-STOP mushroom push button with rotate-to-unlatch mechanism

EMERGENCY-STOP mushroom push buttons, Ø 40 mm, with positive maintained function, with rotate-to-unlatch mechanism

• English inscription "EMERGENCY STOP"

Red	1 NC	
	1 NC with mounting monitoring	
	1 NO + 1 NC	

3SB36 03-1HR20

—

3SB36 66-1HR20

—

3SB36 01-1HR20




—



EMERGENCY-STOP mushroom push button with rotate-to-unlatch mechanism and switch position indication

With rotate-to-unlatch mechanism and mechanical switch position indication

• English inscription "EMERGENCY STOP"

Red	1 NC	
	1 NC with mounting monitoring	
	1 NO + 1 NC	

3SB36 03-1HR26

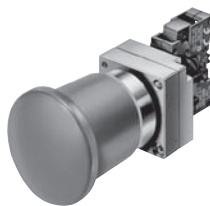
—

3SB36 66-1HR26

—

3SB36 01-1HR26

—



EMERGENCY-STOP mushroom push button Pull-to-unlatch mechanism

With pull-to-unlatch mechanism, solvent-resistant

• English inscription "EMERGENCY STOP"

Red	1 NC	
	1 NO + 1 NC	


3SB36 03-1TR20

—

3SB36 01-1TR20

—

 For online configurator see www.siemens.com/sirius/configurators .





 Positive opening according to IEC 60947-5-1, Appendix K. Can be used with 3TK28 safety relays. Certificate:



Push Button Units and Indicator Lights

3SB3, Metal, Round, 22 mm

Complete Units

Rated voltage of lamp	Color of lens	DT	Screw terminals 	DT	Spring-type terminals 
			Configurator 		Configurator 
V			Order No.		Order No.

Indicator lights



Indicator light

Indicator lights with lens with concentric rings ¹⁾ with integrated LED			
24 AC/DC	Red Yellow Green Blue White Clear Amber	3SB36 44-6BA20 3SB36 44-6BA30 3SB36 44-6BA40 3SB36 44-6BA50 3SB36 44-6BA60 3SB36 44-6BA70 3SB36 44-6BA00	3SB36 44-6BA20-0CC0 3SB36 44-6BA30-0CC0 3SB36 44-6BA40-0CC0 3SB36 44-6BA50-0CC0 3SB36 44-6BA60-0CC0 3SB36 44-6BA70-0CC0 —
110 AC	Red Yellow Green Blue White Clear Amber	3SB36 48-6BA20 3SB36 48-6BA30 3SB36 48-6BA40 3SB36 48-6BA50 3SB36 48-6BA60 3SB36 48-6BA70 3SB36 48-6BA00	3SB36 48-6BA20-0CC0 3SB36 48-6BA30-0CC0 3SB36 48-6BA40-0CC0 3SB36 48-6BA50-0CC0 3SB36 48-6BA60-0CC0 3SB36 48-6BA70-0CC0 —
230 AC	Red Yellow Green Blue White Clear	3SB36 52-6BA20 3SB36 52-6BA30 3SB36 52-6BA40 3SB36 52-6BA50 3SB36 52-6BA60 3SB36 52-6BA70	3SB36 52-6BA20-0CC0 3SB36 52-6BA30-0CC0 3SB36 52-6BA40-0CC0 3SB36 52-6BA50-0CC0 3SB36 52-6BA60-0CC0 3SB36 52-6BA70-0CC0
With BA 9s lamp holder, without lamp	—	3SB36 04-6BA20 3SB36 04-6BA30 3SB36 04-6BA40 3SB36 04-6BA50 3SB36 04-6BA60 3SB36 04-6BA70	3SB36 04-6BA20-0CC0 3SB36 04-6BA30-0CC0 3SB36 04-6BA40-0CC0 3SB36 04-6BA50-0CC0 3SB36 04-6BA60-0CC0 3SB36 04-6BA70-0CC0

 For online configurator see www.siemens.com/sirius/configurators.







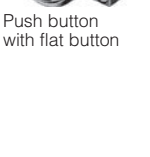

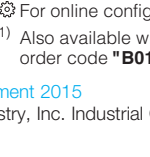
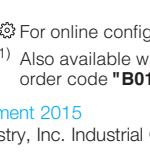
¹⁾ Inscription by inserting a label is not possible.

Push Button Units and Indicator Lights

3SB3, Metal, Round, 22 mm

Actuators and Indicators

Selection and ordering data

Version	Inscriptions	Color of handle	DT	Configurator	PS		
				Order No.			
Push buttons with holder¹⁾							
 Push button with flat button	Push buttons with flat button	Black		3SB35 00-0AA11	1 unit		
		Red		3SB35 00-0AA21	1 unit		
		Yellow		3SB35 00-0AA31	1 unit		
		Green		3SB35 00-0AA41	1 unit		
		Blue		3SB35 00-0AA51	1 unit		
		White		3SB35 00-0AA61	1 unit		
		Gray		3SB35 00-0AB51	1 unit		
		Clear ²⁾		3SB35 00-0AA71	1 unit		
		Up	Black		3SB35-00-0AA11-ZED	1 unit	
		Down	Black		3SB35-00-0AA11-ZEE	1 unit	
Forward	Black		3SB35-00-0AA11-ZEF	1 unit			
Reverse	Black		3SB35-00-0AA11-ZEG	1 unit			
On	Green		3SB35 00-0AA41-ZEB	1 unit			
Start	Green		3SB35 00-0AA41-ZEL	1 unit			
 Push button with raised button		I	Green	3SB35 00-0AA81	1 unit		
		O	Red	3SB35 00-0AB01	1 unit		
		I	White	3SB35 00-0AB11	1 unit		
		O	Black	3SB35 00-0AB21	1 unit		
		R	Blue	3SB35 00-0AC81	1 unit		
 Push button with raised front ring	Push buttons with flat solvent-resistant button³⁾	Black		3SB35 00-0AA11	1 unit		
		Red		3SB35 00-0AA21-0PA0	1 unit		
		Yellow		3SB35 00-0AA31-0PA0	1 unit		
		Green		3SB35 00-0AA41-0PA0	1 unit		
		Blue		3SB35 00-0AA51-0PA0	1 unit		
		White		3SB35 00-0AA61-0PA0	1 unit		
 Push button with raised front ring	Push buttons with raised button	Black		3SB35 00-0BA11	1 unit		
		Red		3SB35 00-0BA21	1 unit		
		Yellow		3SB35 00-0BA31	1 unit		
		Green		3SB35 00-0BA41	1 unit		
		Blue		3SB35 00-0BA51	1 unit		
		White		3SB35 00-0BA61	1 unit		
		Off	Red		3SB35-00-0BA21-ZEC		
		Stop	Red		3SB35-00-0BA21-ZEK		
		 Illuminated push button with flat button	Push buttons with raised front ring (height 15.5 mm)	Black		3SB35 00-0AA12	1 unit
				Red		3SB35 00-0AA22	1 unit
Yellow				3SB35 00-0AA32	1 unit		
Green				3SB35 00-0AA42	1 unit		
Blue				3SB35 00-0AA52	1 unit		
White				3SB35 00-0AA62	1 unit		
 Illuminated push button with raised button	Illuminated push buttons with flat button (incl. holder for 3 elements)	Amber ²⁾		3SB35 01-0AA01	1 unit		
		Red ²⁾		3SB35 01-0AA21	1 unit		
		Yellow ²⁾		3SB35 01-0AA31	1 unit		
		Green ²⁾		3SB35 01-0AA41	1 unit		
		Blue ²⁾		3SB35 01-0AA51	1 unit		
		White		3SB35 01-0AA61	1 unit		
		Clear ²⁾		3SB35 01-0AA71	1 unit		
 Push button with flat button	Illuminated push buttons with flat, solvent-resistant button³⁾ (incl. holder for 3 elements)	Red ²⁾		3SB35 01-0AA21-0PA0	1 unit		
		Yellow ²⁾		3SB35 01-0AA31-0PA0	1 unit		
		Green ²⁾		3SB35 01-0AA41-0PA0	1 unit		
		Blue ²⁾		3SB35 01-0AA51-0PA0	1 unit		
		White		3SB35 01-0AA61-0PA0	1 unit		
		Clear ²⁾		3SB35 01-0AA71-0PA0	1 unit		
		 Push button with flat button	Illuminated push buttons with raised button (incl. holder for 3 elements)	Amber		3SB35 01-0BA01	1 unit
Red				3SB35 01-0BA21	1 unit		
Yellow				3SB35 01-0BA31	1 unit		
Green				3SB35 01-0BA41	1 unit		
Blue				3SB35 01-0BA51	1 unit		
White				3SB35 01-0BA61	1 unit		
Clear				3SB35 01-0BA71	1 unit		
 Push button with flat button, maintained, unlatches by pressing again	Push buttons with flat button, maintained, unlatches by pressing again	Black		3SB35 00-0DA11	1 unit		
		Red		3SB35 00-0DA21	1 unit		
		Yellow		3SB35 00-0DA31	1 unit		
		Green		3SB35 00-0DA41	1 unit		
		Blue		3SB35 00-0DA51	1 unit		
		White		3SB35 00-0DA61	1 unit		
		Gray		3SB35 00-0DB51	1 unit		
 Illuminated push button with flat button, maintained, unlatches by pressing again (incl. holder for 3 elements)	Illuminated push buttons with flat button, maintained, unlatches by pressing again (incl. holder for 3 elements)	Amber ²⁾		3SB35 01-0DA01	1 unit		
		Red ²⁾		3SB35 01-0DA21	1 unit		
		Yellow ²⁾		3SB35 01-0DA31	1 unit		
		Green ²⁾		3SB35 01-0DA41	1 unit		
		Blue ²⁾		3SB35 01-0DA51	1 unit		
		White		3SB35 01-0DA61	1 unit		
		Clear ²⁾		3SB35 01-0DA71	1 unit		

¹⁾ For online configurator see www.siemens.com/sirius/configurators.

²⁾ Also available without holder. Supplement Order No. with "-Z" and quote order code "B01". Price reduction on request.







³⁾ Inscription is possible by inserting a label.

⁴⁾ Not suitable for laser inscription.

Push Button Units and Indicator Lights

3SB3, Metal, Round, 22 mm

Actuators and Indicators

Version	Color of handle	DT	Configurator 	PS	
			Order No.		
Mushroom push buttons with holder¹⁾					
	Mushroom push buttons, Ø 30 mm	Black Red Yellow Green	3SB35 00-1DA11 3SB35 00-1DA21 3SB35 00-1DA31 3SB35 00-1DA41	1 unit 1 unit 1 unit 1 unit	
	Mushroom push buttons, Ø 40 mm	Black Red Yellow Green	3SB35 00-1GA11 3SB35 00-1GA21 3SB35 00-1GA31 3SB35 00-1GA41	1 unit 1 unit 1 unit 1 unit	
	Mushroom push buttons, Ø 60 mm	Black Red Yellow Green	3SB35 00-1QA11 3SB35 00-1QA21 3SB35 00-1QA31 3SB35 00-1QA41	1 unit 1 unit 1 unit 1 unit	
	Illuminated mushroom push buttons, Ø 30 mm (incl. holder for 3 elements)	Amber Yellow Green White	3SB35 01-1DA01 3SB35 01-1DA31 3SB35 01-1DA41 3SB35 01-1DA61	1 unit 1 unit 1 unit 1 unit	
	Illuminated mushroom push buttons, Ø 40 mm (incl. holder for 3 elements)	Amber Yellow Green White Clear	3SB35 01-1GA01 3SB35 01-1GA31 3SB35 01-1GA41 3SB35 01-1GA61 3SB35 01-1GA71	1 unit 1 unit 1 unit 1 unit 1 unit	
	Illuminated mushroom push buttons, Ø 60 mm (incl. holder for 3 elements)	Amber Yellow Green White	3SB35 01-1QA01 3SB35 01-1QA31 3SB35 01-1QA41 3SB35 01-1QA61	1 unit 1 unit 1 unit 1 unit	
	Push-pull buttons, Ø 30 mm, maintained, pull to unlatch	Black Red	3SB35 00-1EA11 3SB35 00-1EA21	1 unit 1 unit	
		Push-pull buttons, Ø 40 mm, maintained, pull to unlatch	Black Red Yellow Green	3SB35 00-1CA11 3SB35 00-1CA21 3SB35 00-1CA31 3SB35 00-1CA41	1 unit 1 unit 1 unit 1 unit
Push-pull buttons, Ø 60 mm, maintained, pull to unlatch		Black Red	3SB35 00-1RA11 3SB35 00-1RA21	1 unit 1 unit	
Push-pull buttons, Ø 30 mm, maintained, pull to unlatch, can be illuminated (incl. holder for 3 elements)		Amber Red Yellow Green Blue Clear	3SB35 01-1EA01 3SB35 01-1EA21 3SB35 01-1EA31 3SB35 01-1EA41 3SB35 01-1EA51 3SB35 01-1EA71	1 unit 1 unit 1 unit 1 unit 1 unit 1 unit	
		Push-pull buttons, Ø 40 mm, maintained, pull to unlatch, can be illuminated (incl. holder for 3 elements)	Amber Red Yellow Green Blue Clear	3SB35 01-1CA01 3SB35 01-1CA21 3SB35 01-1CA31 3SB35 01-1CA41 3SB35 01-1CA51 3SB35 01-1CA71	1 unit 1 unit 1 unit 1 unit 1 unit 1 unit
		Push-pull buttons, Ø 60 mm, maintained, pull to unlatch, can be illuminated (incl. holder for 3 elements)	Amber Red Yellow Green Blue Clear	3SB35 01-1RA01 3SB35 01-1RA21 3SB35 01-1RA31 3SB35 01-1RA41 3SB35 01-1RA51 3SB35 01-1RA71	1 unit 1 unit 1 unit 1 unit 1 unit 1 unit

 For online configurator see www.siemens.com/sirius/configurators.

¹⁾ Also available without holder. Supplement Order No. with "-Z" and quote order code "B01". Price reduction on request.

Push Button Units and Indicator Lights

3SB3, Metal, Round, 22 mm

Actuators and Indicators

1
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Version	Version Illumination	Color of handle	DT	Configurator 	PS
				Order No.	

Selector switches with holders



Selector switch, 2 switch positions, standard version, 90°

Selector switches with 2 switch positions

Switching sequence O-I, 90° operating angle, maintained



Non-illuminated, standard version¹⁾

Black
Red
Green
White

3SB35 00-2HA11
3SB35 00-2HA21
3SB35 00-2HA41
3SB35 00-2HA61

1 unit
1 unit
1 unit
1 unit

Non-illuminated, with solvent-resistant short handle¹⁾

Black
Red
Green

3SB35 00-2HA11-0PA0
3SB35 00-2HA21-0PA0
3SB35 00-2HA41-0PA0

1 unit
1 unit
1 unit

Illuminated, standard version¹⁾

(incl. holder for 3 elements)

Amber
Red
Yellow
Green
Blue
Clear

3SB35 01-2HA01
3SB35 01-2HA21
3SB35 01-2HA31
3SB35 01-2HA41
3SB35 01-2HA51
3SB35 01-2HA71

1 unit
1 unit
1 unit
1 unit
1 unit
1 unit



Selector switch, 2 switch positions, standard version, 50°

Switching sequence O-I, 50° operating angle, maintained



Non-illuminated, standard version¹⁾

Black
Red
Green
White

3SB35 00-2KA11
3SB35 00-2KA21
3SB35 00-2KA41
3SB35 00-2KA61

1 unit
1 unit
1 unit
1 unit

Non-illuminated, with solvent-resistant short handle¹⁾

Black
Red
Green

3SB35 00-2KA11-0PA0
3SB35 00-2KA21-0PA0
3SB35 00-2KA41-0PA0

1 unit
1 unit
1 unit

Illuminated, standard version¹⁾

(incl. holder for 3 elements)

Amber
Red
Yellow
Green
Blue
Clear

3SB35 01-2KA01
3SB35 01-2KA21
3SB35 01-2KA31
3SB35 01-2KA41
3SB35 01-2KA51
3SB35 01-2KA71

1 unit
1 unit
1 unit
1 unit
1 unit
1 unit



Selector switch, 2 switch positions, heavy-duty version

Illuminated, with solvent-resistant short handle¹⁾

(incl. holder for 3 elements)

Red
Green
Blue
Clear

3SB35 01-2KA21-0PA0
3SB35 01-2KA41-0PA0
3SB35 01-2KA51-0PA0
3SB35 01-2KA71-0PA0

1 unit
1 unit
1 unit
1 unit

Non-illuminated, heavy-duty version

Black
Red
Green
White

3SB35 00-2PA11
3SB35 00-2PA21
3SB35 00-2PA41
3SB35 00-2PA61

1 unit
1 unit
1 unit
1 unit

Illuminated, heavy-duty version

(incl. holder for 3 elements)

Amber
Red
Yellow
Green
Blue
Clear

3SB35 01-2PA01
3SB35 01-2PA21
3SB35 01-2PA31
3SB35 01-2PA41
3SB35 01-2PA51
3SB35 01-2PA71

1 unit
1 unit
1 unit
1 unit
1 unit
1 unit



Selector switch, 2 switch positions, long handle

Non-illuminated, long handle, heavy duty version

Black
Red
Green
White

3SB35 00-3PA11
3SB35 00-3PA21
3SB35 00-3PA41
3SB35 00-3PA61

1 unit
1 unit
1 unit
1 unit

Illuminated long handle, heavy duty version

(incl. holder for 3 elements)

Red
Yellow
Green
Blue
Amber
Clear

3SB35 01-3PA21
3SB35 01-3PA31
3SB35 01-3PA41
3SB35 01-3PA51
3SB35 01-3PA01
3SB35 01-3PA71

1 unit
1 unit
1 unit
1 unit
1 unit
1 unit

 For online configurator see www.siemensv.com/sirius/configurators

¹⁾ Also available without holder. Supplement Order No. with "-Z" and quote order code "B01". Price reduction on request.

Push Button Units and Indicator Lights

3SB3, Metal, Round, 22 mm

Actuators and Indicators

Version	Version Illumination	Color of handle	DT	Configurator 	PS
				Order No.	

Selector switches with holders



Selector switch, 2 switch positions, standard version



Selector switch, 2 switch positions, heavy-duty version



Selector switch, 2 switch positions, long handle

Selector switches with 2 switch positions

Switching sequence O-I, 50° operating angle, momentary, spring return from the right



Non-illuminated, standard version¹⁾	Black	3SB35 00-2LA11	1 unit
	Red	3SB35 00-2LA21	1 unit
	Green	3SB35 00-2LA41	1 unit
	White	3SB35 00-2LA61	1 unit
Non-illuminated, with solvent-resistant short handle¹⁾	Black	3SB35 00-2LA11-0PA0	1 unit
	Red	3SB35 00-2LA21-0PA0	1 unit
	Green	3SB35 00-2LA41-0PA0	1 unit
Illuminated, standard version¹⁾ (incl. holder for 3 elements)	Amber	3SB35 01-2LA01	1 unit
	Red	3SB35 01-2LA21	1 unit
	Yellow	3SB35 01-2LA31	1 unit
	Green	3SB35 01-2LA41	1 unit
	Blue	3SB35 01-2LA51	1 unit
	Clear	3SB35 01-2LA71	1 unit
Illuminated, with solvent-resistant short handle¹⁾ (incl. holder for 3 elements)	Red	3SB35 01-2LA21-0PA0	1 unit
	Green	3SB35 01-2LA41-0PA0	1 unit
	Blue	3SB35 01-2LA51-0PA0	1 unit
	Clear	3SB35 01-2LA71-0PA0	1 unit
Non-illuminated, heavy-duty version	Black	3SB35 00-2QA11	1 unit
	Red	3SB35 00-2QA21	1 unit
	Green	3SB35 00-2QA41	1 unit
	White	3SB35 00-2QA61	1 unit
Illuminated, heavy-duty version (incl. holder for 3 elements)	Amber	3SB35 01-2QA01	1 unit
	Red	3SB35 01-2QA21	1 unit
	Yellow	3SB35 01-2QA31	1 unit
	Green	3SB35 01-2QA41	1 unit
	Blue	3SB35 01-2QA51	1 unit
Non-illuminated, long handle, heavy-duty version	Black	3SB35 00-3QA11	1 unit
	Red	3SB35 00-3QA21	1 unit
	Green	3SB35 00-3QA41	1 unit
	White	3SB35 00-3QA61	1 unit
Illuminated long handle, heavy-duty version (incl. holder for 3 elements)	Amber	3SB35 01-3QA01	1 unit
	Red	3SB35 01-3QA21	1 unit
	Yellow	3SB35 01-3QA31	1 unit
	Green	3SB35 01-3QA41	1 unit
	Blue	3SB35 01-3QA51	1 unit
Clear	3SB35 01-3QA71	1 unit	


 For online configurator see www.siemens.com/sirius/configurators.

¹⁾ Also available without holder. Supplement Order No. with "-Z" and quote order code "B01". Price reduction on request.

Push Button Units and Indicator Lights

3SB3, Metal, Round, 22 mm

Actuators and Indicators

Version	Version Illumination	Color of handle	DT	Configurator 	PS
				Order No.	

Selector switches with holders



Selector switch, 3 switch positions, standard version



Selector switch, 3 switch positions, heavy-duty version



Selector switch, 3 switch positions, long handle

Selector switches with 3 switch positions

Switching sequence I-O-II, 2 x 50° operating angle, maintained



Non-illuminated, standard version¹⁾

Black
Red
Green
White

3SB35 00-2DA11
3SB35 00-2DA21
3SB35 00-2DA41
3SB35 00-2DA61

1 unit
1 unit
1 unit
1 unit

Non-illuminated, with solvent-resistant short handle¹⁾

Black
Red
Green

3SB35 00-2DA11-0PA0
3SB35 00-2DA21-0PA0
3SB35 00-2DA41-0PA0

1 unit
1 unit
1 unit

Illuminated, standard version¹⁾ (incl. holder for 3 elements)

Amber
Red
Yellow
Green
Blue
Clear

3SB35 01-2DA01
3SB35 01-2DA21
3SB35 01-2DA31
3SB35 01-2DA41
3SB35 01-2DA51
3SB35 01-2DA71

1 unit
1 unit
1 unit
1 unit
1 unit
1 unit

Illuminated, with solvent-resistant short handle¹⁾ (incl. holder for 3 elements)

Red
Green
Blue
Clear

3SB35 01-2DA21-0PA0
3SB35 01-2DA41-0PA0
3SB35 01-2DA51-0PA0
3SB35 01-2DA71-0PA0

1 unit
1 unit
1 unit
1 unit

Non-illuminated, heavy-duty version

Black
Red
Green
White

3SB35 00-2SA11
3SB35 00-2SA21
3SB35 00-2SA41
3SB35 00-2SA61

1 unit
1 unit
1 unit
1 unit

Illuminated, heavy-duty version (incl. holder for 3 elements)

Amber
Red
Yellow
Green
Blue
Clear

3SB35 01-2SA01
3SB35 01-2SA21
3SB35 01-2SA31
3SB35 01-2SA41
3SB35 01-2SA51
3SB35 01-2SA71

1 unit
1 unit
1 unit
1 unit
1 unit
1 unit

Non-illuminated, long handle, heavy-duty version

Black
Red
Green
White

3SB35 00-3SA11
3SB35 00-3SA21
3SB35 00-3SA41
3SB35 00-3SA61

1 unit
1 unit
1 unit
1 unit

Illuminated long handle, heavy-duty version (incl. holder for 3 elements)

Amber
Red
Yellow
Green
Blue
Clear

3SB35 01-3SA01
3SB35 01-3SA21
3SB35 01-3SA31
3SB35 01-3SA41
3SB35 01-3SA51
3SB35 01-3SA71

1 unit
1 unit
1 unit
1 unit
1 unit
1 unit

Switching sequence I-O-II, 2 x 50° operating angle, momentary, spring return from the left and right



Non-illuminated, standard version¹⁾

Black
Red
Green
White

3SB35 00-2EA11
3SB35 00-2EA21
3SB35 00-2EA41
3SB35 00-2EA61

1 unit
1 unit
1 unit
1 unit

Non-illuminated, with solvent-resistant short handle¹⁾

Black
Red
Green

3SB35 00-2EA11-0PA0
3SB35 00-2EA21-0PA0
3SB35 00-2EA41-0PA0

1 unit
1 unit
1 unit

Illuminated, standard version¹⁾ (incl. holder for 3 elements)

Amber
Red
Yellow
Green
Blue
Clear

3SB35 01-2EA01
3SB35 01-2EA21
3SB35 01-2EA31
3SB35 01-2EA41
3SB35 01-2EA51
3SB35 01-2EA71

1 unit
1 unit
1 unit
1 unit
1 unit
1 unit

Illuminated, with solvent-resistant short handle¹⁾ (incl. holder for 3 elements)

Red
Green
Blue
Clear

3SB35 01-2EA21-0PA0
3SB35 01-2EA41-0PA0
3SB35 01-2EA51-0PA0
3SB35 01-2EA71-0PA0

1 unit
1 unit
1 unit
1 unit

Non-illuminated, heavy-duty version

Black
Red
Green
White

3SB35 00-2TA11
3SB35 00-2TA21
3SB35 00-2TA41
3SB35 00-2TA61

1 unit
1 unit
1 unit
1 unit

Illuminated, heavy-duty version (incl. holder for 3 elements)

Amber
Red
Yellow
Green
Blue
Clear

3SB35 01-2TA01
3SB35 01-2TA21
3SB35 01-2TA31
3SB35 01-2TA41
3SB35 01-2TA51
3SB35 01-2TA71

1 unit
1 unit
1 unit
1 unit
1 unit
1 unit

Non-illuminated, long handle, heavy-duty version

Black
Red
Green
White

3SB35 00-3TA11
3SB35 00-3TA21
3SB35 00-3TA41
3SB35 00-3TA61

1 unit
1 unit
1 unit
1 unit

Illuminated long handle, heavy-duty version (incl. holder for 3 elements)

Amber
Red
Yellow
Green
Blue
Clear






3SB35 01-3TA01
3SB35 01-3TA21
3SB35 01-3TA31
3SB35 01-3TA41
3SB35 01-3TA51
3SB35 01-3TA71

1 unit
1 unit
1 unit
1 unit
1 unit
1 unit

Push Button Units and Indicator Lights

3SB3, Metal, Round, 22 mm

Actuators and Indicators

Version	Version Illumination	Color of handle	DT	Configurator 	PS
				Order No.	
Selector switches with holders					
Selector switches with 3 switch positions (cont)					
 <p>Selector switch, 3 switch positions, standard version</p>	Switching sequence I-O-II, 2 x 50° operating angle, momentary to the left, spring return from the left, maintained to the right 	Non-illuminated, standard version ¹⁾	Black	3SB35 00-2GA11	1 unit
			Red	3SB35 00-2GA21	1 unit
			Green	3SB35 00-2GA41	1 unit
			White	3SB35 00-2GA61	1 unit
		illuminated, standard version ¹⁾ (incl. holder for 3 elements)	Amber	3SB35 01-2GA01	1 unit
			Red	3SB35 01-2GA21	1 unit
			Yellow	3SB35 01-2GA31	1 unit
			Green	3SB35 01-2GA41	1 unit
			Blue	3SB35 01-2GA51	1 unit
		Non-illuminated, heavy-duty version	Black	3SB35 00-2VA11	1 unit
			Red	3SB35 00-2VA21	1 unit
			Green	3SB35 00-2VA41	1 unit
White	3SB35 00-2VA61		1 unit		
illuminated, heavy-duty version	Amber		3SB35 01-2VA01	1 unit	
	Red	3SB35 01-2VA21	1 unit		
	Yellow	3SB35 01-2VA31	1 unit		
	Green	3SB35 01-2VA41	1 unit		
	Blue	3SB35 01-2VA51	1 unit		
	Clear	3SB35 01-2VA71	1 unit		
Non-illuminated, heavy-duty version	Black	3SB35 00-3VA11	1 unit		
	Red	3SB35 00-3VA21	1 unit		
	Green	3SB35 00-3VA41	1 unit		
	White	3SB35 00-3VA61	1 unit		
illuminated, long handle, heavy-duty version	Amber	3SB35 01-3UA01	1 unit		
	Red	3SB35 01-3UA21	1 unit		
	Yellow	3SB35 01-3UA31	1 unit		
	Green	3SB35 01-3UA41	1 unit		
	Blue	3SB35 01-3UA51	1 unit		
	Clear	3SB35 01-3UA71	1 unit		
 <p>Selector switch, 3 switch positions, heavy-duty version</p>	Switching sequence I-O-II, 2 x 50° operating angle, momentary to the left, spring return from the right 	Non-illuminated, standard version ¹⁾	Black	3SB35 00-2FA11	1 unit
			Red	3SB35 00-2FA21	1 unit
			Green	3SB35 00-2FA41	1 unit
			White	3SB35 00-2FA61	1 unit
		illuminated, standard version ¹⁾ (incl. holder for 3 elements)	Amber	3SB35 01-2FA01	1 unit
			Red	3SB35 01-2FA21	1 unit
			Yellow	3SB35 01-2FA31	1 unit
			Green	3SB35 01-2FA41	1 unit
			Blue	3SB35 01-2FA51	1 unit
		Non-illuminated, heavy-duty version	Black	3SB35 00-2UA11	1 unit
			Red	3SB35 00-2UA21	1 unit
			Green	3SB35 00-2UA41	1 unit
White	3SB35 00-2UA61		1 unit		
illuminated, heavy-duty version	Amber		3SB35 01-2UA01	1 unit	
	Red	3SB35 01-2UA21	1 unit		
	Yellow	3SB35 01-2UA31	1 unit		
	Green	3SB35 01-2UA41	1 unit		
	Blue	3SB35 01-2UA51	1 unit		
	Clear	3SB35 01-2UA71	1 unit		
Non-illuminated, long handle	Black	3SB35 00-3UA11	1 unit		
	Red	3SB35 00-3UA21	1 unit		
	Green	3SB35 00-3UA41	1 unit		
	White	3SB35 00-3UA61	1 unit		
illuminated, long handle, heavy-duty version (incl. holder for 3 elements)	Amber	3SB35 01-3UA01	1 unit		
	Red	3SB35 01-3UA21	1 unit		
	Yellow	3SB35 01-3UA31	1 unit		
	Green	3SB35 01-3UA41	1 unit		
	Blue	3SB35 01-3UA51	1 unit		
	Clear	3SB35 01-3UA71	1 unit		


 For online configurator see www.siemens.com/sirius/configurators.

¹⁾ Also available without holder. Supplement Order No. with "-Z" and quote order code "B01". Price reduction on request.

Push Button Units and Indicator Lights

3SB3, Metal, Round, 22 mm

Actuators and Indicators

Version	Lock version		DT	Configurator 	PS
	Type	Lock No./color			
				Order No.	

Key-operated switches with holder¹⁾

Key-operated switches with 2 keys, 2 switch positions



RONIS key-operated switch

Switching sequence O-I,
50° operating angle,
maintained



CES key-operated switch



BKS key-operated switch



O.M.R. key-operated switch

Switching sequence O-I,
50° operating angle,
momentary, spring return
from the right



Lock version	Lock No./color	Key removal position	Configurator	PS
RONIS	SB 30	O+I	3SB35 00-4AD11	1 unit
		O	3SB35 00-4AD01	1 unit
		I	3SB35 00-4AD21	1 unit
CES	SSG 10	O+I	3SB35 00-4LD11	1 unit
		O	3SB35 00-4LD01	1 unit
		I	3SB35 00-4LD21	1 unit
	LSG 1	O+I	3SB35 00-4LF01	1 unit
		O	3SB35 00-4LF11	1 unit
BKS	S1	O+I	3SB35 00-5AD11	1 unit
		O	3SB35 00-5AD01	1 unit
		I	3SB35 00-5AD21	1 unit
O.M.R. ²⁾	73038 Light blue	O+I	3SB35 00-3AG11	1 unit
		O	3SB35 00-3AG01	1 unit
		I	3SB35 00-3AG21	1 unit
	73037 Red	O+I	3SB35 00-3AH11	1 unit
		O	3SB35 00-3AH01	1 unit
		I	3SB35 00-3AH21	1 unit
	73034 Black	O+I	3SB35 00-3AJ11	1 unit
		O	3SB35 00-3AJ01	1 unit
		I	3SB35 00-3AJ21	1 unit
	73033 Yellow	O+I	3SB35 00-3AK11	1 unit
		O	3SB35 00-3AK01	1 unit
		I	3SB35 00-3AK21	1 unit
RONIS	SB 30	O	3SB35 00-4BD01	1 unit
CES	SSG 10	O	3SB35 00-4MD01	1 unit
	LSG 1	O	3SB35 00-4MF11	1 unit
BKS	S1	O	3SB35 00-5BD01	1 unit
O.M.R. ²⁾	73038 Light blue	O	3SB35 00-3BG01	1 unit
	73037 Red	O	3SB35 00-3BH01	1 unit
	73034 Black	O	3SB35 00-3BJ01	1 unit
	73033 Yellow	O	3SB35 00-3BK01	1 unit

 For online configurator see www.siemens.com/sirius/configurators.

¹⁾ Also available without holder. Supplement Order No. with "-Z" and quote order code "B01". Price reduction on request.

²⁾ According to FIAT standards; also available for other users.


For BKS and CES special locks see page 10/51

Push Button Units and Indicator Lights

3SB3, Metal, Round, 22 mm

• Revised •
11/15/14

Actuators and Indicators

Version	Lock version			DT	Configurator 	PS
	Type	Lock No./color	Key removal position			
					Order No.	

Key-operated switches with holder¹⁾

Key-operated switches with 2 keys, 3 switch positions



RONIS key-operated switch

Switching sequence I-O-II,
2 x 50° operating angle,
maintained



RONIS	SB 30	I+O+II O I+II I II O+I	3SB35 00-4DD11 3SB35 00-4DD01 3SB35 00-4DD41 3SB35 00-4DD21 3SB35 00-4DD31 3SB35 00-4DD51	1 unit 1 unit 1 unit 1 unit 1 unit 1 unit
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CES key-operated switch

CES	SSG 10	O+I+II O I+II I II	3SB35 00-4PD11 3SB35 00-4PD01 3SB35 00-4PD41 3SB35 00-4PD21 3SB35 00-4PD31	1 unit 1 unit 1 unit 1 unit 1 unit
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BKS	S1	O O+I+II I II I+II	3SB35 00-5DD01 3SB35 00-5DD11 3SB35 00-5DD21 3SB35 00-5DD31 3SB35 00-5DD41	1 unit 1 unit
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O.M.R. ²⁾	73038 Light blue	I+O+II	3SB35 00-3DG11	1 unit
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	73037 Light blue	I+O+II O	3SB35 00-3DH11 3SB35 00-3DG01	1 unit 1 unit
--	---------------------	-------------	--	------------------

	73034 Black	I+O+II O	3SB35 00-3DJ11 3SB35 00-3DJ01	1 unit 1 unit
--	----------------	-------------	--	------------------

Switching sequence I-O-II,
2 x 50° operating angle,
momentary, spring return from
the left and right



RONIS	SB 30	O	3SB35 00-4ED01	1 unit
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CES	SSG 10	O	3SB35 00-4QD01	1 unit
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BKS	S1	O	3SB35 00-5ED01	1 unit
-----	----	---	-----------------------	--------

O.M.R.	73034 Black	O	3SB35 00-3EJ01	1 unit
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BKS key-operated switch

Switching sequence I-O-II,
2 x 50° operating angle,
momentary to the left,
spring return from the left,
maintained to the right



RONIS	SB 30	O + II O II	3SB35 00-4GD61 3SB35 00-4GD01 3SB35 00-4GD31	1 unit 1 unit 1 unit
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CES	SSG 10	O + II O II	3SB35 00-4SD61 3SB35 00-4SD01 3SB35 00-4SD31	1 unit 1 unit 1 unit
-----	--------	-------------------	---	----------------------------

BKS	S1	O + II O II	3SB35 00-5GD61 3SB35 00-5GD01 3SB35 00-5GD31	1 unit 1 unit 1 unit
-----	----	-------------------	---	----------------------------

O.M.R.	73033 Yellow	II	3SB35 00-3GK31	1 unit
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	73034 Black	II	3SB35 00-3GJ31	1 unit
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Switching sequence I-O-II,
2 x 50° operating angle,
maintained to the left,
momentary to the right,
spring return from the right



RONIS	SB 30	O+I O I	3SB35 00-4FD51 3SB35 00-4FD01 3SB35 00-4FD21	1 unit 1 unit 1 unit
-------	-------	---------------	---	----------------------------

CES	SSG 10	O+I O I	3SB35 00-4RD51 3SB35 00-4RD01 3SB35 00-4RD21	1 unit 1 unit 1 unit
-----	--------	---------------	---	----------------------------

BKS	S1	O+I O I	3SB35 00-5FD51 3SB35 00-5FD01 3SB35 00-5FD21	1 unit 1 unit 1 unit
-----	----	---------------	---	----------------------------

 For online configurator see www.siemens.com/sirius/configurators.

¹⁾ Also available without holder. Supplement Order No. with "-Z" and quote order code "B01". Price reduction on request.

²⁾ According to FIAT standards; also available for other users.

For BKS and CES special locks see page 10/51

Push Button Units and Indicator Lights

3SB3, Metal, Round, 22 mm

Actuators and Indicators

1
2
3
4
5
6
7
8
9
10

Version	Color of handle	Approval	DT	Configurator 	PS
				Order No.	

EMERGENCY-STOP devices according to ISO 13850 and IEC 60947-5-5, with holder¹⁾²⁾. Can also be used with 3TK28 safety relays.



Mushroom diameter 32 mm

EMERGENCY-STOP mushroom push buttons, Ø 32 mm, with positive latching according to ISO 13850, with rotate-to-unlatch mechanism

- Standard version
- Solvent-resistant



3SB35 00-1FA20
3SB35 00-1FA20-0PA0

1 unit
1 unit



Mushroom diameter 40 mm, with rotate-to-unlatch mechanism, with switch position indication

EMERGENCY-STOP mushroom push buttons, Ø 40 mm, with positive latching according to ISO 13850, with rotate-to-unlatch mechanism

- Without switch position indicator
- Without switch position indicator, solvent-resistant
- With mechanical switch position indication

Red



3SB35 00-1HA20
3SB35 00-1HA20-0PA0

1 unit
1 unit



Mushroom diameter 40 mm, pull-to-unlatch mechanism

EMERGENCY-STOP mushroom push buttons, Ø 40 mm, with positive latching according to ISO 13850, with pull-to-unlatch mechanism

Red



3SB35 00-1TA20

1 unit



Mushroom diameter 60 mm

EMERGENCY-STOP mushroom push buttons, Ø 60 mm, with positive latching according to ISO 13850, with rotate-to-unlatch mechanism

Red



3SB35 00-1AA20

1 unit



Mushroom diameter 40 mm, with RONIS key-operated switch

EMERGENCY-STOP mushroom push buttons, Ø 40 mm with positive latching function with IKON lock
Lock No. 360012K1, supplied with 2 keys, unlocking only possible using key

Red



3SB35 00-1UA20

1 unit

EMERGENCY-STOP mushroom push buttons, Ø 40 mm, with RONIS key-operated switch
(with 2 keys), lock No. SB 30, with positive latching according to ISO 13850, unlocking only possible using key

Red



3SB35 00-1BA20

1 unit

EMERGENCY-STOP mushroom push buttons, Ø 40 mm, with CES key-operated switch
(with 2 keys), lock No. SSG 10, with positive latching according to ISO 13850, unlocking only possible using key

Red



3SB35 00-1KA20

1 unit



Mushroom diameter 40 mm, with CES key-operated switch

EMERGENCY-STOP mushroom push buttons, Ø 40 mm, with BKS key-operated switch
(with 2 keys), lock No. S1, with positive latching according to ISO 13850, unlocking only possible using key

Red



3SB35 00-1LA20

1 unit

EMERGENCY-STOP mushroom push buttons, Ø 40 mm, with O.M.R. key-operated switch
(with 2 keys), lock No. 73037, with positive latching according to ISO 13850, unlocking only using key

Red



3SB35 00-1MA20

1 unit

Wobble Stick

3SB35 00-7CB61

 For online configurator see www.siemens.com/sirius/configurators

1) Also available without holder. Supplement Order No. with “-Z” and quote order code “B01”. Price reduction on request.



2) Yellow backing plates must be ordered separately; see “Accessories” on page 10/66.

For BKS and CES special locks see page 10/51

Push Button Units and Indicator Lights

3SB3, Metal, Round, 22 mm

Actuators and Indicators

Version	Color of lens	DT	Configurator 	PS
			Order No.	
Signaling elements with holder¹⁾				
 Indicator light with smooth lens	Indicator lights with lens with concentric rings²⁾	Amber	3SB35 01-6BA00	1 unit
		Red	3SB35 01-6BA20	1 unit
		Yellow	3SB35 01-6BA30	1 unit
		Green	3SB35 01-6BA40	1 unit
		Blue	3SB35 01-6BA50	1 unit
		White	3SB35 01-6BA60	1 unit
		Clear	3SB35 01-6BA70	1 unit
	Indicator lights with smooth lens²⁾	Amber	3SB35 01-6AA00	1 unit
		Red	3SB35 01-6AA20	1 unit
		Yellow	3SB35 01-6AA30	1 unit
		Green	3SB35 01-6AA40	1 unit
		Blue	3SB35 01-6AA50	1 unit
		White	3SB35 01-6AA60	1 unit
		Clear	3SB35 01-6AA70	1 unit
	Indicator lights with smooth solvent-resistant lens²⁾³⁾	Red	3SB35 01-6AA20-0PA0	1 unit
		Yellow	3SB35 01-6AA30-0PA0	1 unit
		Green	3SB35 01-6AA40-0PA0	1 unit
		Blue	3SB35 01-6AA50-0PA0	1 unit
		White	3SB35 01-6AA60-0PA0	1 unit
	Clear	3SB35 01-6AA70-0PA0	1 unit	

 For online configurator see www.siemens.com/sirius/configurators.

¹⁾ Also available without holder. Supplement Order No. with "-Z" and quote order code "B01". Price reduction on request.

²⁾ Inscription by inserting a label is not possible.

³⁾ Not suitable for laser inscription.

Push Button Units and Indicator Lights

3SB3, Plastic, Round, 22 mm

Complete units

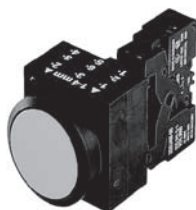
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Selection and ordering data

Rated voltage of lamp	Color of handle	Contacts for front plate mounting	DT	Screw terminals	DT	Spring-type terminals
				Order No.		Order No.

Push buttons

Push buttons with flat button



Push button with flat button

Rated voltage of lamp	Color of handle	Contacts for front plate mounting	DT	Screw terminals	DT	Spring-type terminals
V						
	Black	1 NO		3SB32 02-0AA11		3SB32 02-0AA11-0CC0
	Black	1 NC		3SB32 03-0AA11		3SB32 03-0AA11-0CC0
	Red	1 NC		3SB32 03-0AA21		3SB32 03-0AA21-0CC0
	Yellow	1 NO		3SB32 02-0AA31		3SB32 02-0AA31-0CC0
	Green	1 NO		3SB32 02-0AA41		3SB32 02-0AA41-0CC0
	Blue	1 NO		3SB32 02-0AA51		3SB32 02-0AA51-0CC0
	White	1 NO		3SB32 02-0AA61		3SB32 02-0AA61-0CC0
	Black	1 NO + 1 NC		3SB32 01-0AA11		3SB32 01-0AA11-0CC0
	Red	1 NO + 1 NC		3SB32 01-0AA21		3SB32 01-0AA21-0CC0
	Yellow	1 NO + 1 NC		3SB32 01-0AA31		3SB32 01-0AA31-0CC0
	Green	1 NO + 1 NC		3SB32 01-0AA41		3SB32 01-0AA41-0CC0
	Blue	1 NO + 1 NC		3SB32 01-0AA51		3SB32 01-0AA51-0CC0
	White	1 NO + 1 NC		3SB32 01-0AA61		3SB32 01-0AA61-0CC0

Push Button with extended button momentary

	Black	1 NO		3SB3202-0BA11		—
	Black	1 NC		3SB3203-0BA11		—
	Red	1 NC		3SB3203-0BA21		—
	Yellow	1 NO		3SB3202-0BA31		—
	Blue	1 NO		3SB3202-0BA51		—
	White	1 NO		3SB3202-0BA61		—
	Black	1 NO + 1 NC		3SB3201-0BA11		—
	Red	1 NO + 1 NC		3SB3201-0BA21		—
	Yellow	1 NO + 1 NC		3SB3201-0BA31		—
	Blue	1 NO + 1 NC		3SB3201-0BA51		—
	White	1 NO + 1 NC		3SB3201-0BA61		—

Illuminated push buttons with flat button with integrated LED (incl. holder for 3 elements)



Illuminated push button with flat button

24 AC/DC	Red ¹⁾	1 NC		3SB32 46-0AA21		3SB32 46-0AA21-0CC0
	Yellow ¹⁾	1 NO		3SB32 45-0AA31		3SB32 45-0AA31-0CC0
	Green ¹⁾	1 NO		3SB32 45-0AA41		3SB32 45-0AA41-0CC0
	Blue ¹⁾	1 NO		3SB32 45-0AA51		3SB32 45-0AA51-0CC0
	White	1 NO		3SB32 45-0AA61		3SB32 45-0AA61-0CC0
	Clear ¹⁾	1 NO		3SB32 45-0AA71		3SB32 45-0AA71-0CC0
24 AC/DC	Red ¹⁾	1 NO + 1 NC		3SB32 47-0AA21		3SB32 47-0AA21-0CC0
	Yellow ¹⁾	1 NO + 1 NC		3SB32 47-0AA31		3SB32 47-0AA31-0CC0
	Green ¹⁾	1 NO + 1 NC		3SB32 47-0AA41		3SB32 47-0AA41-0CC0
	Blue ¹⁾	1 NO + 1 NC		3SB32 47-0AA51		3SB32 47-0AA51-0CC0
	White	1 NO + 1 NC		3SB32 47-0AA61		3SB32 47-0AA61-0CC0
	Clear ¹⁾	1 NO + 1 NC		3SB32 47-0AA71		3SB32 47-0AA71-0CC0
110 AC	Red ¹⁾	1 NC		3SB32 50-0AA21		—
	Yellow ¹⁾	1 NO		3SB32 57-0AA31		—
	Green ¹⁾	1 NO		3SB32 57-0AA41		—
	Blue ¹⁾	1 NO		3SB32 57-0AA51		—
	White	1 NO		3SB32 57-0AA61		—
	Clear ¹⁾	1 NO		3SB32 57-0AA71		—
110 AC	Red ¹⁾	1 NO + 1 NC		3SB32 51-0AA21		—
	Yellow ¹⁾	1 NO + 1 NC		3SB32 51-0AA31		—
	Green ¹⁾	1 NO + 1 NC		3SB32 51-0AA41		—
	Blue ¹⁾	1 NO + 1 NC		3SB32 51-0AA51		—
	White	1 NO + 1 NC		3SB32 51-0AA61		—
	Clear ¹⁾	1 NO + 1 NC		3SB32 51-0AA71		—
230 AC	Red ¹⁾	1 NC		3SB32 54-0AA21		3SB32 54-0AA21-0CC0
	Yellow ¹⁾	1 NO		3SB32 53-0AA31		3SB32 53-0AA31-0CC0
	Green ¹⁾	1 NO		3SB32 53-0AA41		3SB32 53-0AA41-0CC0
	Blue ¹⁾	1 NO		3SB32 53-0AA51		3SB32 53-0AA51-0CC0
	White	1 NO		3SB32 53-0AA61		3SB32 53-0AA61-0CC0
	Clear ¹⁾	1 NO		3SB32 53-0AA71		3SB32 53-0AA71-0CC0
230 AC	Red ¹⁾	1 NO + 1 NC		3SB32 55-0AA21		3SB32 55-0AA21-0CC0
	Yellow ¹⁾	1 NO + 1 NC		3SB32 55-0AA31		3SB32 55-0AA31-0CC0
	Green ¹⁾	1 NO + 1 NC		3SB32 55-0AA41		3SB32 55-0AA41-0CC0
	Blue ¹⁾	1 NO + 1 NC		3SB32 55-0AA51		3SB32 55-0AA51-0CC0
	White	1 NO + 1 NC		3SB32 55-0AA61		3SB32 55-0AA61-0CC0
	Clear ¹⁾	1 NO + 1 NC		3SB32 55-0AA71		3SB32 55-0AA71-0CC0

For online configurator see www.siemens.com/sirius/configurators.

¹⁾ Inscription is possible by inserting a label.

Push Button Units and Indicator Lights

3SB3, Plastic, Round, 22 mm

Complete units

Color of handle	Contacts for front plate mounting	DT	Screw terminals	DT	Spring-type terminals
			Configurator		Configurator
			Order No.		Order No.

Push buttons



Illuminated push button with flat button

Illuminated push buttons with flat button

with BA 9s lamp holder, without lamp
(incl. holder for 3 elements)

Red ¹⁾	1 NC
Yellow ¹⁾	1 NO
Green ¹⁾	1 NO
Blue ¹⁾	1 NO
White	1 NO
Clear ¹⁾	1 NO

3SB32 07-0AA21
3SB32 06-0AA31
3SB32 06-0AA41
3SB32 06-0AA51
3SB32 06-0AA61
3SB32 06-0AA71

3SB32 07-0AA21-0CC0
3SB32 06-0AA31-0CC0
3SB32 06-0AA41-0CC0
3SB32 06-0AA51-0CC0
3SB32 06-0AA61-0CC0
3SB32 06-0AA71-0CC0

Red ¹⁾	1 NO + 1 NC
Yellow ¹⁾	1 NO + 1 NC
Green ¹⁾	1 NO + 1 NC
Blue ¹⁾	1 NO + 1 NC
White	1 NO + 1 NC
Clear ¹⁾	1 NO + 1 NC

3SB32 05-0AA21
3SB32 05-0AA31
3SB32 05-0AA41
3SB32 05-0AA51
3SB32 05-0AA61
3SB32 05-0AA71

3SB32 05-0AA21-0CC0
3SB32 05-0AA31-0CC0
3SB32 05-0AA41-0CC0
3SB32 05-0AA51-0CC0
3SB32 05-0AA61-0CC0
3SB32 05-0AA71-0CC0

Illuminated push buttons with flat button

with BA 9s lamp holder with incandescent lamp
24 V AC/DC

Red	1 NC
Red	1 NO + 1 NC
Yellow	1 NO + 1 NC
Green	1 NO + 1 NC
Blue	1 NO + 1 NC
White	1 NO + 1 NC
Clear	1 NO + 1 NC

3SB3213-0AA21
3SB3221-0AA21
3SB3221-0AA31
3SB3221-0AA41
3SB3221-0AA51
3SB3221-0AA61
3SB3221-0AA71

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Illuminated push buttons with flat button

with BA 9s lamp holder with incandescent lamp
230 V AC/DC

Red	1 NC
Yellow	1 NO
Green	1 NO
Blue	1 NO
White	1 NO
Clear	1 NO

3SB3216-0AA21
3SB3214-0AA31
3SB3214-0AA41
3SB3214-0AA51
3SB3214-0AA61
3SB3214-0AA71

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—

Red	1 NO + 1 NC
Yellow	1 NO + 1 NC
Green	1 NO + 1 NC
Blue	1 NO + 1 NC
White	1 NO + 1 NC
Clear	1 NO + 1 NC

3SB3213-0AA21
3SB3213-0AA31
3SB3213-0AA41
3SB3213-0AA51
3SB3213-0AA61
3SB3213-0AA71

—
—
—
—
—
—

Mushroom push buttons



Mushroom push-pull button

Mushroom push-pull buttons, Ø 40 mm, maintained,

with pull-to-unlatch mechanism

Red	1 NC
	1 NO + 1 NC

3SB32 03-1CA21
3SB32 01-1CA21

3SB32 03-1CA21-0CC0
3SB32 01-1CA21-0CC0





For online configurator see www.siemens.com/sirius/configurators.

¹⁾ Inscription is possible by inserting a label.

Push Button Units and Indicator Lights

3SB3, Plastic, Round, 22 mm

Complete units

Version	Color of handle/ Lock No.	Contacts for front plate mounting	DT	Screw terminals 	DT	Spring-type terminals 
				Configurator 		Configurator 
				Order No.		Order No.


Selector switches



Selector switch


Selector switches, 2 switch positions

Switching sequence O-I, 50° operating angle

Latching	Black	1 NO	3SB32 02-2KA11	3SB32 02-2KA11-0CC0
		1 NO + 1 NC	3SB32 01-2KA11	3SB32 01-2KA11-0CC0


Selector switches, 2 switch positions


Switching sequence O-I, 90° operating angle

Latching	Black	1 NO	3SB32 02-2HA11	—
		1 NO + 1 NC	3SB32 01-2HA11	—

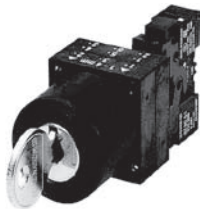
Selector switches, 3 switch positions

switching sequence I-O-II, 2 x 50° operating angle

Latching	Black	1 NO, 1 NO	3SB32 10-2DA11	3SB32 10-2DA11-0CC0
		1 NO + 1 NC, 1 NO + 1 NC	3SB32 08-2DA11	3SB32 08-2DA11-0CC0

Momentary, spring return from left and right	Black	1 NO, 1 NO	3SB32 10-2EA11	3SB32 10-2EA11-0CC0
		1 NO + 1 NC, 1 NO + 1 NC	3SB32 08-2EA11	3SB32 08-2EA11-0CC0


Key-operated switches




RONIS key-operated switch

RONIS key-operated switches, 2 switch positions

with 2 keys, removal position O + I, switching sequence O-I, 50° operating angle

Latching	SB 30	1 NO	3SB32 02-4AD11	3SB32 02-4AD11-0CC0
		1 NO + 1 NC	3SB32 01-4AD11	3SB32 01-4AD11-0CC0

Switching sequence I-O-II, maintained, operating angle 2 x 50°

Latching	SB 30	1 NO, 1 NO	3SB32 10-4DD11	—
		1 NO + 1 NC, 1 NO + 1 NC	3SB32 08-4DD11	—

Twin push buttons



Twin push button with flat buttons

Twin push buttons, with flat, square buttons¹⁾

With I/O inscription	White/White	1 NO + 1 NC, 1 NO + 1 NC	3SB31 00-8AC61	—
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 For online configurator see www.siemens.com/sirius/configurators.

¹⁾ Mounting the twin push buttons in 3SB38 enclosure is not possible. For accessories see page 10/37.

Push Button Units and Indicator Lights

3SB3, Plastic, Round, 22 mm

Complete units

Color of handle	Contacts for front plate mounting	DT	Screw terminals 	DT	Spring-type terminals 
			Configurator 		Configurator 
			Order No.		Order No.




EMERGENCY-STOP devices according to ISO 13850, with yellow name plate, Ø 80 mm, with inscription



With rotate-to-unlatch mechanism

EMERGENCY-STOP mushroom push buttons, Ø 40 mm, with positive maintained function, with rotate-to-unlatch mechanism

- English inscription "EMERGENCY STOP"

Red	1 NC	
	1 NC with mounting monitoring	
Red	1 NO + 1 NC	




3SB32 03-1HR20	—
3SB32 66-1HR20	—
3SB32 01-1HR20	—



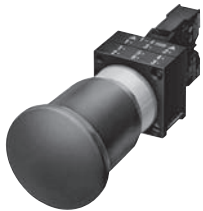
With rotate-to-unlatch mechanism and switch position indication

With rotate-to-unlatch mechanism and mechanical switch position indication

- English inscription "EMERGENCY STOP"

Red	1 NC	
	1 NC with mounting monitoring	
Red	1 NO + 1 NC	



3SB32 03-1HR26	—
3SB32 66-1HR26	—
3SB32 01-1HR26	—



With pull-to-unlatch mechanism


With pull-to-unlatch mechanism

- English inscription "EMERGENCY STOP"

Red	1 NC	
Red	1 NO + 1 NC	

3SB32 03-1TR20	—
3SB32 01-1TR20	—

 For online configurator see www.siemens.com/sirius/configurators.

 Positive opening according to IEC 60947-5-1, Appendix K. Can be used with 3TK28 safety relays.





Certificate:



Push Button Units and Indicator Lights

3SB3, Plastic, Round, 22 mm

Complete units

Rated voltage of lamp	Color of lens	DT	Screw terminals 	DT	Spring-type terminals 
V			Configurator 		Configurator 
			Order No.		Order No.

Indicator lights



Indicator light with smooth lens

Indicator lights with smooth lens¹⁾ with integrated LED

24 AC/DC	Red Yellow Green Blue White Clear	3SB32 44-6AA20 3SB32 44-6AA30 3SB32 44-6AA40 3SB32 44-6AA50 3SB32 44-6AA60 3SB32 44-6AA70	3SB32 44-6AA20-0CC0 3SB32 44-6AA30-0CC0 3SB32 44-6AA40-0CC0 3SB32 44-6AA50-0CC0 3SB32 44-6AA60-0CC0 3SB32 44-6AA70-0CC0
110 AC	Red Yellow Green Blue White Clear	3SB32 48-6AA20 3SB32 48-6AA30 3SB32 48-6AA40 3SB32 48-6AA50 3SB32 48-6AA60 3SB32 48-6AA70	— — — — — —
230 AC	Red Yellow Green Blue White Clear	3SB32 52-6AA20 3SB32 52-6AA30 3SB32 52-6AA40 3SB32 52-6AA50 3SB32 52-6AA60 3SB32 52-6AA70	3SB32 52-6AA20-0CC0 3SB32 52-6AA30-0CC0 3SB32 52-6AA40-0CC0 3SB32 52-6AA50-0CC0 3SB32 52-6AA60-0CC0 3SB32 52-6AA70-0CC0
With BA 9s lamp holder, without lamp	Red Yellow Green Blue White Clear	3SB32 04-6AA20 3SB32 04-6AA30 3SB32 04-6AA40 3SB32 04-6AA50 3SB32 04-6AA60 3SB32 04-6AA70	3SB32 04-6AA20-0CC0 3SB32 04-6AA30-0CC0 3SB32 04-6AA40-0CC0 3SB32 04-6AA50-0CC0 3SB32 04-6AA60-0CC0 3SB32 04-6AA70-0CC0
With BA 9s lamp holder with lamp (130 V) 24 V AC/DC	Red Yellow Green Blue White Clear	3SB32 17-6AA20 3SB32 17-6AA30 3SB32 17-6AA40 3SB32 17-6AA50 3SB32 17-6AA60 3SB32 17-6AA70	— — — — — —
With BA 9s lamp holder with lamp (130 V) 230 V AC/DC	Red Yellow Green Blue White Clear	3SB32 12-6AA20 3SB32 12-6AA30 3SB32 12-6AA40 3SB32 12-6AA50 3SB32 12-6AA60 3SB32 12-6AA70	3SB32 12-6AA20-0CC0 3SB32 12-6AA30-0CC0 3SB32 12-6AA40-0CC0 3SB32 12-6AA50-0CC0 3SB32 12-6AA60-0CC0 3SB32 12-6AA70-0CC0

 For online configurator see www.siemens.com/sirius/configurators.





¹⁾ Inscription by inserting a label is not possible.

Push Button Units and Indicator Lights

3SB3, Plastic, Round, 22 mm

• Revised •
11/15/14

Complete units

Rated voltage of lamp	Color of lens	DT	Screw terminals 	DT	Spring-type terminals 
			Configurator 		Configurator 
			Order No.		Order No.

Indicator lights



Indicator light with lens with concentric rings

Rated voltage of lamp	Color of lens	DT	Screw terminals	DT	Spring-type terminals
Indicator lights with lens with concentric rings¹⁾ with integrated LED					
24 AC/DC	Red Yellow Green Blue White Clear		3SB32 44-6BA20 3SB32 44-6BA30 3SB32 44-6BA40 3SB32 44-6BA50 3SB32 44-6BA60 3SB32 44-6BA70		3SB32 44-6BA20-0CC0 3SB32 44-6BA30-0CC0 3SB32 44-6BA40-0CC0 3SB32 44-6BA50-0CC0 3SB32 44-6BA60-0CC0 3SB32 44-6BA70-0CC0
110 AC	Red Yellow Green Blue White Clear		3SB32 48-6BA20 3SB32 48-6BA30 3SB32 48-6BA40 3SB32 48-6BA50 3SB32 48-6BA60 3SB32 48-6BA70		— — — — — —
230 AC	Red Yellow Green Blue White Clear		3SB32 52-6BA20 3SB32 52-6BA30 3SB32 52-6BA40 3SB32 52-6BA50 3SB32 52-6BA60 3SB32 52-6BA70		3SB32 52-6BA20-0CC0 3SB32 52-6BA30-0CC0 3SB32 52-6BA40-0CC0 3SB32 52-6BA50-0CC0 3SB32 52-6BA60-0CC0 3SB32 52-6BA70-0CC0
With BA 9s lamp holder, without lamp					
	Amber Red Yellow Green Blue White Clear		3SB32 04-6BA00 3SB32 04-6BA20 3SB32 04-6BA30 3SB32 04-6BA40 3SB32 04-6BA50 3SB32 04-6BA60 3SB32 04-6BA70		— 3SB32 04-6BA20-0CC0 3SB32 04-6BA30-0CC0 3SB32 04-6BA40-0CC0 3SB32 04-6BA50-0CC0 3SB32 04-6BA60-0CC0 3SB32 04-6BA70-0CC0
With BA 9s lamp holder, with LED					
130 AC	Amber Red Yellow Green Blue White Clear		3SB32 40-6BA00 3SB32 40-6BA20 3SB32 40-6BA30 3SB32 40-6BA40 3SB32 40-6BA50 3SB32 40-6BA60 3SB32 40-6BA70		— — — — — — —
With BA 9s lamp holder with LED lamp					
24 V AC/DC	Red Yellow Green Blue White Clear		3SB32 36-6BA20 3SB32 36-6BA30 3SB32 36-6BA40 3SB32 36-6BA50 3SB32 36-6BA60 3SB32 36-6BA70		— — — — — —
With integrated LED					
230 AC	Red Yellow Green Blue White Clear		3SB32 52-6BA20 3SB32 52-6BA30 3SB32 52-6BA40 3SB32 52-6BA50 3SB32 52-6BA60 3SB32 52-6BA70		3SB32 52-6BA20-0CC0 3SB32 52-6BA30-0CC0 3SB32 52-6BA40-0CC0 3SB32 52-6BA50-0CC0 3SB32 52-6BA60-0CC0 3SB32 52-6BA70-0CC0

 For online configurator see www.siemens.com/sirius/configurators

¹⁾ Inscription by inserting a label is not possible.

Push Button Units and Indicator Lights

3SB3, Plastic, Round, 22 mm

Complete units

Version	Rated voltage of lamp	Color of lens	DT	Screw terminals	PS
				Configurator	
				Order No.	

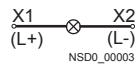
Signaling devices



Acoustic signaling device

Acoustic signaling devices, IP65¹⁾

Continuous tone 2.4 kHz, operational current min. 4 mA, sound pressure min. 80 dB/10 cm	Rated voltage of lamp	Color of lens
	24 AC/DC	Black
	115 AC/DC	
	230 AC/DC	



3SB32 33-7BA10	1 unit
3SB32 34-7BA10	1 unit
3SB32 35-7BA10	1 unit

For online configurator see www.siemens.com/sirius/configurators.

¹⁾ Mounting in 3SB38 enclosures only with the 3SB3400-1A lamp holder for front plate mounting, which is included.

Version	Degree of protection	Color of handle	DT	Without connection	PS
				Order No.	

Special devices



Potentiometer drive

Actuators for potentiometers²⁾³⁾

With shaft Ø 6 mm, 30 ... 32 mm long	Degree of protection	Color of handle
	IP65	—

3SB10 00-7CH07	1 unit
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Push buttons with 12 mm stroke

Push buttons with extended stroke²⁾ for actuating relays

12 mm stroke	Degree of protection	Color of handle
	IP65	Black

3SB30 00-0EA11	1 unit
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Mechanical Reset¹⁾

Overload reset adapter	S00 to S10/S12	Color of handle
Reset Push Button IP65 Ø 22mm, 12 mm stroke	S10/S12	—
Reset extension	S10/S12	
Complete assembly		

3RU19 00-1A	1 unit
3SX1335	1 unit
3SBES-RESET	1 unit

²⁾ Mounting in 3SB38 enclosure is not possible.











³⁾ The potentiometer is not included in the scope of supply.

Push Button Units and Indicator Lights

3SB3, Plastic, Round, 22 mm

Actuators and Indicators

Selection and ordering data

Version	Inscriptions	Color of handle	DT	Configurator 	PS		
				Order No.			
Push buttons with holder¹⁾							
	Push buttons with flat button	Black		3SB30 00-0AA11	1 unit		
		Red		3SB30 00-0AA21	1 unit		
		Yellow		3SB30 00-0AA31	1 unit		
		Green		3SB30 00-0AA41	1 unit		
		Blue		3SB30 00-0AA51	1 unit		
		White		3SB30 00-0AA61	1 unit		
		Gray		3SB30 00-0AB51	1 unit		
		Clear ²⁾		3SB30 00-0AA71	1 unit		
		I	Green		3SB30 00-0AA81	1 unit	
		O	Red		3SB30 00-0AB01	1 unit	
		I	White		3SB30 00-0AB11	1 unit	
		O	Black		3SB30 00-0AB21	1 unit	
		R	Blue		3SB30 00-0AC81	1 unit	
		Down	Black		3SB30 00-0AA11-ZEE	1 unit	
Up	Black		3SB30 00-0AA11-ZED				
Forward	Black		3SB30 00-0AA11-ZEF				
Reverse	Black		3SB30 00-0AA11-ZEG				
On	Green		3SB30 00-0AA11-ZEB				
Start	Red		3SB30 00-0AA11-ZEL				
Reset	Blue		3SB30 00-0AA11-ZEM				
	Push buttons with raised button	Black		3SB30 00-0BA11	1 unit		
		Red		3SB30 00-0BA21	1 unit		
		Yellow		3SB30 00-0BA31	1 unit		
		Green		3SB30 00-0BA41	1 unit		
		Blue		3SB30 00-0BA51	1 unit		
		White		3SB30 00-0BA61	1 unit		
		Off	Red		3SB30 00-0BA21-ZEC		
		Stop	Red		3SB30 00-0BA21-ZEK		
			Push buttons with raised button, maintained by pressing in and turning to the right, unlatches by turning to the left	Black		3SB30 00-0CA11	1 unit
				Red		3SB30 00-0CA21	1 unit
	Push buttons with raised front ring (height 13 mm)	Black		3SB30 00-0AA12	1 unit		
		Red		3SB30 00-0AA22	1 unit		
		Yellow		3SB30 00-0AA32	1 unit		
		Green		3SB30 00-0AA42	1 unit		
		Blue		3SB30 00-0AA52	1 unit		
		White		3SB30 00-0AA62	1 unit		
	Push buttons with raised front ring, castellated (height 13 mm)	Black		3SB30 00-0AA13	1 unit		
		Red		3SB30 00-0AA23	1 unit		
		Yellow		3SB30 00-0AA33	1 unit		
		Green		3SB30 00-0AA43	1 unit		
		Blue		3SB30 00-0AA53	1 unit		
		White		3SB30 00-0AA63	1 unit		
	Illuminated push buttons with flat button (incl. holder for 3 elements)	Amber ²⁾		3SB30 01-0AA01	1 unit		
		Red ²⁾		3SB30 01-0AA21	1 unit		
		Yellow ²⁾		3SB30 01-0AA31	1 unit		
		Green ²⁾		3SB30 01-0AA41	1 unit		
		Blue ²⁾		3SB30 01-0AA51	1 unit		
		White		3SB30 01-0AA61	1 unit		
Clear ²⁾		3SB30 01-0AA71	1 unit				
	Illuminated push buttons with raised button (incl. holder for 3 elements)	Red		3SB30 01-0BA21	1 unit		
		Yellow		3SB30 01-0BA31	1 unit		
		Green		3SB30 01-0BA41	1 unit		
		Blue		3SB30 01-0BA51	1 unit		
		Clear		3SB30 01-0BA71	1 unit		
	Push buttons with flat button, maintained , unlatches by pressing again	Black		3SB30 00-0DA11	1 unit		
		Red		3SB30 00-0DA21	1 unit		
		Yellow		3SB30 00-0DA31	1 unit		
		Green		3SB30 00-0DA41	1 unit		
		Blue		3SB30 00-0DA51	1 unit		
		White		3SB30 00-0DA61	1 unit		
		Gray		3SB30 00-0DB51	1 unit		
	Illuminated push buttons with flat button, maintained , unlatches by pressing again (incl. holder for 3 elements)	Red ²⁾		3SB30 01-0DA21	1 unit		
		Yellow ²⁾		3SB30 01-0DA31	1 unit		
		Green ²⁾		3SB30 01-0DA41	1 unit		
		Blue ²⁾		3SB30 01-0DA51	1 unit		
		White		3SB30 01-0DA61	1 unit		
		Clear ²⁾		3SB30 01-0DA71	1 unit		

 For online configurator see www.siemens.com/sirius/configurators.

¹⁾ Also available without holder. Supplement Order No. with "-Z" and quote order code "B01". Price reduction on request.


²⁾ Inscription is possible by inserting a label.

Push Button Units and Indicator Lights

3SB3, Plastic, Round, 22 mm

Actuators and Indicators

1
2
3
4
5
6
7
8
9
10

Version	Color of handle	DT	Configurator 	PS
			Order No.	

Mushroom push buttons with holder¹⁾²⁾



Mushroom push buttons, Ø 30 mm

Black
Red
Yellow
Green

3SB30 00-1DA11
3SB30 00-1DA21
3SB30 00-1DA31
3SB30 00-1DA41

1 unit
1 unit
1 unit
1 unit



Mushroom push buttons, Ø 40 mm

Black
Red
Yellow
Green

3SB30 00-1GA11
3SB30 00-1GA21
3SB30 00-1GA31
3SB30 00-1GA41

1 unit
1 unit
1 unit
1 unit



Mushroom push buttons, Ø 60 mm

Black
Red
Yellow
Green

3SB30 00-1QA11
3SB30 00-1QA21
3SB30 00-1QA31
3SB30 00-1QA41

1 unit
1 unit
1 unit
1 unit



Illuminated mushroom push buttons, Ø 30 mm (incl. holder for 3 elements)

Red
Yellow
Green
Blue
White
Clear

3SB30 01-1DA21
3SB30 01-1DA31
3SB30 01-1DA41
3SB30 01-1DA51
3SB30 01-1DA61
3SB30 01-1DA71

1 unit
1 unit
1 unit
1 unit
1 unit
1 unit



Illuminated mushroom push buttons, Ø 40 mm (incl. holder for 3 elements)

Yellow
Green
White

3SB30 01-1GA31
3SB30 01-1GA41
3SB30 01-1GA61

1 unit
1 unit
1 unit



Push-pull buttons, Ø 30 mm, maintained, pull to unlatch

Black
Red

3SB30 00-1EA11
3SB30 00-1EA21

1 unit
1 unit



Push-pull buttons, Ø 40 mm, maintained, pull to unlatch

Black
Red

3SB30 00-1CA11
3SB30 00-1CA21

1 unit
1 unit



Push-pull buttons, Ø 60 mm, maintained, pull to unlatch

Black
Red

3SB30 00-1RA11
3SB30 00-1RA21

1 unit
1 unit

Push-pull buttons, Ø 30 mm, can be illuminated, maintained, pull to unlatch, (incl. holder for 3 elements)

Red
Yellow
Green
Blue
Clear

3SB30 01-1EA21
3SB30 01-1EA31
3SB30 01-1EA41
3SB30 01-1EA51
3SB30 01-1EA71

1 unit
1 unit
1 unit
1 unit
1 unit

Push-pull buttons, Ø 40 mm, can be illuminated, maintained, pull to unlatch, (incl. holder for 3 elements)

Red
Yellow
Green
Blue
Clear

3SB30 01-1CA21
3SB30 01-1CA31
3SB30 01-1CA41
3SB30 01-1CA51
3SB30 01-1CA71

1 unit
1 unit
1 unit
1 unit
1 unit

 For online configurator see www.siemens.com/sirius/configurators.


¹⁾ Also available without holder. Supplement Order No. with "-Z" and quote order code "B01". Price reduction on request.

²⁾ Maximum permissible equipment: 3 single-pole or 2 double-pole contact blocks. When using the 3SB39 01-0AB holder, the central command point must not be empty.

Push Button Units and Indicator Lights

3SB3, Plastic, Round, 22 mm

Actuators and Indicators

Version	Version Illumination	Color of handle	DT	Configurator 	PS
				Order No.	

Selector switches with holder¹⁾

Selector switches with 2 switch positions



Non-illuminated

Switching sequence O-I,
90° operating angle,
maintained



Non-illuminated

Black
Red
Green
White

3SB30 00-2HA11
3SB30 00-2HA21
3SB30 00-2HA41
3SB30 00-2HA61

1 unit
1 unit
1 unit
1 unit

Illuminated

(incl. holder for 3
elements)

Red
Yellow
Green
Blue
Clear

3SB30 01-2HA21
3SB30 01-2HA31
3SB30 01-2HA41
3SB30 01-2HA51
3SB30 01-2HA71

1 unit
1 unit
1 unit
1 unit
1 unit



Illuminated

Switching sequence O-I,
50° operating angle,
maintained



Non-illuminated

Black
Red
Green
White

3SB30 00-2KA11
3SB30 00-2KA21
3SB30 00-2KA41
3SB30 00-2KA61

1 unit
1 unit
1 unit
1 unit

Illuminated

(incl. holder for 3
elements)

Red
Yellow
Green
Blue
Clear

3SB30 01-2KA21
3SB30 01-2KA31
3SB30 01-2KA41
3SB30 01-2KA51
3SB30 01-2KA71

1 unit
1 unit
1 unit
1 unit
1 unit

Switching sequence O-I,
50° operating angle,
momentary, spring apart from right



Non-illuminated

Black
Red
Green
White

3SB30 00-2LA11
3SB30 00-2LA21
3SB30 00-2LA41
3SB30 00-2LA61

1 unit
1 unit
1 unit
1 unit

Illuminated

(incl. holder for 3
elements)

Red
Yellow
Green
Blue
Clear

3SB30 01-2LA21
3SB30 01-2LA31
3SB30 01-2LA41
3SB30 01-2LA51
3SB30 01-2LA71

1 unit
1 unit
1 unit
1 unit
1 unit

Selector switches with 3 switch positions



Non-illuminated

Switching sequence I-O-II,
2 x 50° operating angle,
maintained



Non-illuminated

Black
Red
Green
White

3SB30 00-2DA11
3SB30 00-2DA21
3SB30 00-2DA41
3SB30 00-2DA61

1 unit
1 unit
1 unit
1 unit

Illuminated

(incl. holder for 3
elements)

Red
Yellow
Green
Blue
Clear

3SB30 01-2DA21
3SB30 01-2DA31
3SB30 01-2DA41
3SB30 01-2DA51
3SB30 01-2DA71

1 unit
1 unit
1 unit
1 unit
1 unit



Illuminated

Switching sequence I-O-II,
2 x 50° operating angle,
momentary, spring return from left
and right



Non-illuminated

Black
Red
Green
White

3SB30 00-2EA11
3SB30 00-2EA21
3SB30 00-2EA41
3SB30 00-2EA61

1 unit
1 unit
1 unit
1 unit

Illuminated

(incl. holder for 3
elements)

Red
Yellow
Green
Blue
Clear

3SB30 01-2EA21
3SB30 01-2EA31
3SB30 01-2EA41
3SB30 01-2EA51
3SB30 01-2EA71

1 unit
1 unit
1 unit
1 unit
1 unit

Switching sequence I-O-II,
2 x 50° operating angle,
momentary to the left, spring return
to the left, maintained to the right



Non-illuminated

Black
Red
Green
White

3SB30 00-2GA11
3SB30 00-2GA21
3SB30 00-2GA41
3SB30 00-2GA61

1 unit
1 unit
1 unit
1 unit

Illuminated

(incl. holder for 3
elements)

Red
Yellow
Green
Blue
Clear

3SB30 01-2GA21
3SB30 01-2GA31
3SB30 01-2GA41
3SB30 01-2GA51
3SB30 01-2GA71

1 unit
1 unit
1 unit
1 unit
1 unit

Switching sequence I-O-II,
2 x 50° operating angle,
maintained to the left, momentary to
the right, spring return from the right



Non-illuminated

Black
Red
Green
White

3SB30 00-2FA11
3SB30 00-2FA21
3SB30 00-2FA41
3SB30 00-2FA61

1 unit
1 unit
1 unit
1 unit

Illuminated

(incl. holder for 3
elements)

Red
Yellow
Green
Blue
Clear

3SB30 01-2FA21
3SB30 01-2FA31
3SB30 01-2FA41
3SB30 01-2FA51
3SB30 01-2FA71

1 unit
1 unit
1 unit
1 unit
1 unit


 For online configurator see www.siemens.com/sirius/configurators.

¹⁾ Also available without holder. Supplement Order No. with "-Z" and quote order code "B01". Price reduction on request.

Push Button Units and Indicator Lights

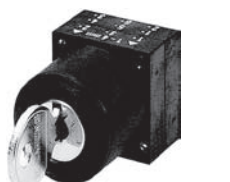
3SB3, Plastic, Round, 22 mm

Actuators and Indicators

Version	Lock version Type	Lock No./ color	Key removal position	DT	Configurator 	PS
					Order No.	

Key-operated switches with holder¹⁾

Key-operated switches with 2 keys, 2 switch positions



RONIS key-operated switch



CES key-operated switch



BKS key-operated switch



O.M.R. key-operated switch

Switching sequence O-I,
50° operating angle,
maintained



Switching sequence O-I,
50° operating angle,
maintained



Switching sequence O-I,
50° operating angle,
momentary, spring return
from the right



RONIS	SB 30	O+I O I	3SB30 00-4HD11 3SB30 00-4HD01 3SB30 00-4HD21	1 unit 1 unit 1 unit
RONIS	SB 30	O+I O I	3SB30 00-4AD11 3SB30 00-4AD01 3SB30 00-4AD21	1 unit 1 unit 1 unit
CES	SSG 10	O+I O I	3SB30 00-4LD11 3SB30 00-4LD01 3SB30 00-4LD21	1 unit 1 unit 1 unit
	LSG 1	O+I O	3SB30 00-4LF01 3SB30 00-4LF11	1 unit 1 unit
CES with key monitoring ²⁾	SSG 10	O	3SB30 00-4LD05	1 unit
BKS	S1	O+I O I	3SB30 00-5AD11 3SB30 00-5AD01 3SB30 00-5AD21	1 unit 1 unit 1 unit
O.M.R. ³⁾	73038 Light blue	O+I O	3SB30 00-3AG11 3SB30 00-3AG01	1 unit 1 unit
	73037 Red	O+I O	3SB30 00-3AH11 3SB30 00-3AH01	1 unit 1 unit
	73034 Black	O+I O I	3SB30 00-3AJ11 3SB30 00-3AJ01 3SB30 00-3AJ21	1 unit 1 unit 1 unit
	73033 Yellow	O+I O	3SB30 00-3AK11 3SB30 00-3AK01	1 unit 1 unit
RONIS	SB 30	O	3SB30 00-4BD01	1 unit
CES	SSG 10	O	3SB30 00-4MD01	1 unit
	LSG 1	O	3SB30 00-4MF11	1 unit
BKS	S1	O	3SB30 00-5BD01	1 unit
O.M.R. ³⁾	73038 Light blue	O	3SB30 00-3BG01	1 unit
	73037 Red	O	3SB30 00-3BH01	1 unit
	73034 Black	O	3SB30 00-3BJ01	1 unit
	73033 Yellow	O	3SB30 00-3BK01	1 unit

 For online configurator see www.siemens.com/sirius/configurators.

¹⁾ Also available without holder. Supplement Order No. with "-Z" and quote order code "B01". Price reduction on request.

²⁾ For locks with key monitoring the supplied 3SB39 01-0AB holder must be used.

The key scan is performed by a 3SB34 single-pole NC contact block which must be snap-mounted in the center position. Scanning of the switch positions must be performed by additional contact blocks which are snap-mounted on the actuator.

Special locks can be ordered only with order code "Y01".


³⁾ According to FIAT standards; also available for other users.

For BKS and CES special locks see page 10/51.

Push Button Units and Indicator Lights

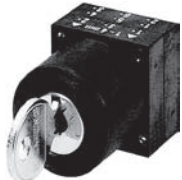
3SB3, Plastic, Round, 22 mm

Actuators and Indicators

Version	Lock version			DT	Configurator 	PS
	Type	Lock No./ color	Key removal position			
					Order No.	

Key-operated switches with holder¹⁾

Key-operated switches with 2 keys, 3 switch positions



RONIS key-operated switch

Switching sequence I-O-II,
2 x 50° operating angle,
maintained



CES key-operated switch



BKS key-operated switch



O.M.R. key-operated switch

Switching sequence I-O-II,
2 x 50° operating angle,
momentary, spring return from
left and right



Switching sequence I-O-II,
2 x 50° operating angle,
momentary to the left,
spring return from the left,
maintained to the right



Switching sequence I-O-II,
2 x 50° operating angle,
maintained to the left,
momentary to the right,
spring return from the right



RONIS	SB 30	I+O+II O I+II I II O+I	3SB30 00-4DD11 3SB30 00-4DD01 3SB30 00-4DD41 3SB30 00-4DD21 3SB30 00-4DD31 3SB30 00-4DD51	1 unit 1 unit 1 unit 1 unit 1 unit 1 unit
CES	SSG 10	I+O+II O O+I I+II I II	3SB30 00-4PD11 3SB30 00-4PD01 3SB30 00-4PD51 3SB30 00-4PD41 3SB30 00-4PD21 3SB30 00-4PD31	1 unit 1 unit 1 unit 1 unit 1 unit 1 unit
CES with key monitoring	SSG 10	O	3SB30 00-4PD05	1 unit
BKS	S1	I+O+II II O	3SB30 00-5DD11 3SB30 00-5DD31 3SB30 00-5DD01	1 unit 1 unit 1 unit
O.M.R. ³⁾	73038 Light blue	I+O+II O	3SB30 00-3DG11 3SB30 00-3DG01	1 unit 1 unit
	73037 Red	O O+I	3SB30 00-3DH01 3SB30 00-3DH51	1 unit 1 unit
	73034 Black	I+O+II O	3SB30 00-3DJ11 3SB30 00-3DJ01	1 unit 1 unit
	73033 Yellow	I+O+II	3SB30 00-3DK11	1 unit
RONIS	SB 30	O	3SB30 00-4ED01	1 unit
CES	SSG 10	O	3SB30 00-4QD01	1 unit
BKS	S1	O	3SB30 00-5ED01	1 unit
O.M.R. ³⁾	73034 Black	O	3SB30 00-3EJ01	1 unit
	73037 Red	O	3SB30 00-3EH01	
RONIS	SB 30	O + II O II	3SB30 00-4GD61 3SB30 00-4GD01 3SB30 00-4GD31	1 unit 1 unit 1 unit
CES	SSG 10	O + II O	3SB30 00-4SD61 3SB30 00-4SD01	1 unit 1 unit
BKS	S1	O	3SB30 00-5GD01	1 unit
RONIS	SB 30	O+I O I	3SB30 00-4FD51 3SB30 00-4FD01 3SB30 00-4FD21	1 unit 1 unit 1 unit
CES	SSG 10	O+I O I	3SB30 00-4RD51 3SB30 00-4RD01 3SB30 00-4RD21	1 unit 1 unit 1 unit
BKS	S1	O+I O I	3SB30 00-5FD51 3SB30 00-5FD01 3SB30 00-5FD21	1 unit 1 unit 1 unit
O.M.R. ³⁾	73038 Light blue	O	3SB30 00-3FG01	1 unit
	73034 Black	I	3SB30 00-3FJ21	1 unit

 For online configurator see www.siemens.com/sirius/configurators.

¹⁾ Also available without holder. Supplement Order No. with "-Z" and quote order code "B01". Price reduction on request.

²⁾ For locks with key monitoring the supplied 3SB39 01-0AB holder must be used.
The key scan is performed by a 3SB34 single-pole NC contact block which must be snap-mounted in the center position. Scanning of the switch positions must be performed by additional contact blocks which are snap-mounted on the actuator.
Special locks can be ordered only with order code "Y01".

³⁾ According to FIAT standards; also available for other users.


For BKS and CES special locks see page 10/51.

Push Button Units and Indicator Lights

3SB3, Plastic, Round, 22 mm

Actuators and Indicators

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Version	Color of handle	Approval	DT	Configurator 	PS
				Order No.	

EMERGENCY-STOP devices according to ISO 13850 and IEC 60947-5-5, with holder¹⁾²⁾. Can also be used with 3TK28 safety relays.



Mushroom diameter 32 mm

EMERGENCY-STOP mushroom push buttons, Ø 32 mm, with positive maintained according to ISO 13850, with rotate-to-unlatch mechanism

Red



3SB30 00-1FA20

1 unit



Mushroom diameter 40 mm, with rotate-to-unlatch mechanism, with switch position indication

EMERGENCY-STOP mushroom push buttons, Ø 40 mm, with positive maintained according to ISO 13850, with rotate-to-unlatch mechanism

Red



3SB30 00-1HA20

1 unit

- Without switch position indicator
- With mechanical switch position indication
- Flat head style

3SB30 00-1HA26

1 unit

3SB30 00-1XA20



Mushroom diameter 40 mm, pull-to-unlatch mechanism

EMERGENCY-STOP mushroom push buttons, Ø 40 mm, with positive maintained according to ISO 13850, with pull-to-unlatch mechanism

Red



3SB30 00-1TA20

1 unit



Mushroom diameter 60 mm

EMERGENCY-STOP mushroom push buttons, Ø 60 mm, with positive maintained according to ISO 13850, with rotate-to-unlatch mechanism

Red



3SB30 00-1AA20

1 unit



Mushroom diameter 40 mm, with RONIS key-operated switch

EMERGENCY-STOP mushroom push buttons, Ø 40 mm, with RONIS lock, lock No. SB 30, with positive maintained acc. to ISO 13850, unlocking only possible using key

Red



3SB30 00-1BA20

1 unit



Mushroom diameter 40 mm, with CES key-operated switch

EMERGENCY-STOP mushroom push buttons, Ø 40 mm, with CES lock, lock No. SSG 10, with positive maintained according to ISO 13850, unlocking only possible using key

Red



3SB30 00-1KA20

1 unit

EMERGENCY-STOP mushroom push buttons, Ø 40 mm, with BKS lock, lock No. S1, with positive maintained according to ISO 13850, unlocking only possible using key

Red



3SB30 00-1LA20

1 unit

EMERGENCY-STOP mushroom push buttons, Ø 40 mm, with O.M.R. lock, lock No. 73037, with positive maintained according to ISO 13850, unlocking only possible using key

Red



3SB30 00-1MA20

1 unit

EMERGENCY-STOP mushroom push buttons, Ø 40 mm, with "EMO" marking for SEMI S2 compliance with mechanical maintained function acc. to EN418, turn short handle to left to unlatch

Red (flat)

3SB30 00-1XB80

1 unit

 For online configurator see www.siemens.com/sirius/configurators

1) Also available without holder. Supplement Order No. with "-Z" and quote order code "B01". Price reduction on request.


2) Yellow backing plates must be ordered separately; see "Accessories" on page 10/66..

For BKS and CES special locks see page 10/51.

Push Button Units and Indicator Lights

3SB3, Plastic, Round, 22 mm

Actuators and Indicators

Version	Color of lens	DT	Configurator 	PS
			Order No.	

Signaling elements with holder¹⁾



Indicator light with concentric rings

Indicator lights with smooth lens²⁾	Amber	3SB30 01-6AA00	1 unit
	Red	3SB30 01-6AA20	1 unit
	Yellow	3SB30 01-6AA30	1 unit
	Green	3SB30 01-6AA40	1 unit
	Blue	3SB30 01-6AA50	1 unit
	White	3SB30 01-6AA60	1 unit
	Clear	3SB30 01-6AA70	1 unit

Indicator lights with lens with concentric rings²⁾	Amber	3SB30 01-6BA00	1 unit
	Red	3SB30 01-6BA20	1 unit
	Yellow	3SB30 01-6BA30	1 unit
	Green	3SB30 01-6BA40	1 unit
	Blue	3SB30 01-6BA50	1 unit
	White	3SB30 01-6BA60	1 unit
	Clear	3SB30 01-6BA70	1 unit



Acoustic signaling device

Acoustic signaling devices, IP40³⁾ For acoustic signal transformer 24 V DC ⁴⁾ (without BA 9s base)	Black	3SB30 00-7AA10	1 unit
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 For online configurator see www.siemens.com/sirius/configurators.

¹⁾ Also available without holder. Supplement Order No. with **"-Z"** and quote order code **"B01"**. Price reduction on request.

²⁾ Inscription by inserting a label is not possible.

³⁾ For acoustic signaling devices, IP65, see **"Complete Units"**.

⁴⁾ Following must be ordered separately:


- 3SB1902-2BN acoustic signal transformer, see **"Accessories"**.

- 3SB34 00-1A lamp holder for front plate mounting or

3SB34 20-1A lamp holder for base mounting, both with screw terminals.

Devices assembled in this way are suitable for use in enclosures.

Lamp holders with spring-type terminals cannot be used.

Version	Inscriptions	Color of handle	DT	Configurator 	PS
				Order No.	

Twin push buttons with indicator light with holder¹⁾²⁾



Twin push button with indicator light, with flat buttons

Twin push buttons with indicator light, IP65 with flat, square buttons, incl. holder for 3 elements	I/O ³⁾	Green/Red	3SB31 01-8BC21	1 unit
	I/O ³⁾	White/Black	3SB31 01-8BC31	1 unit
	↑ / ↓ ³⁾	Green/Red	3SB31 01-8BC81	1 unit



Twin push buttons with indicator light, with flat and raised buttons

Twin push buttons with indicator light, IP65 with flat and raised, square buttons, incl. holder for 3 elements	I/O ³⁾	Green/Red	3SB31 01-8DC21	1 unit
	I/O ³⁾	White/Black	3SB31 01-8DC31	1 unit

 For online configurator see www.siemens.com/sirius/configurators.

¹⁾ Mounting the twin push buttons in 3SB38 enclosure is not possible.


²⁾ Also available without holder. Supplement Order No. with **"-Z"** and quote order code **"B01"**. Price reduction on request.

³⁾ Black inscription for green, red and white

Push Button Units and Indicator Lights

3SB3, Plastic, Round, 22 mm

Actuators and Indicators

Version	Inscriptions	Color of handle	DT	Configurator 	PS
---------	--------------	-----------------	----	--	----

Order No.

Twin push buttons with holder¹⁾²⁾



Twin push button with flat buttons

Twin push buttons, IP65 with flat, square buttons	I/O ³⁾	Green/Red	DT	3SB31 00-8AC21	1 unit
	I/O ³⁾	White/Black			3SB31 00-8AC31
Twin push buttons, IP65 with flat and raised, square buttons	↑ / ↓ ³⁾	White/White	DT	3SB31 00-8AC61-0AD0	1 unit
	I/O ³⁾	Green/Red			3SB31 00-8CC21
	I/O ³⁾	White/Black		3SB31 00-8CC31	1 unit

 For online configurator see www.siemens.com/sirius/configurators.

- 1) Mounting the twin push buttons in 3SB38 enclosure is not possible.
- 2) Also available without holder. Supplement Order No. with "-Z" and quote order code "B01". Price reduction on request.
- 3) Black inscription for green, red and white buttons;
white inscription on black button.

Version	Use	DT	Order No.	PS
---------	-----	----	-----------	----

Accessories for twin push buttons



Label holder

Label holders 70 mm x 30 mm for inscription label 12.5 mm x 27 mm ¹⁾	Twin push buttons	DT	3SB39 22-0AY	5 units
--	-------------------	----	---------------------	---------



Protective cap

Protective caps, clear Silicone, for degree of protection IP67	Twin push buttons with flat buttons	DT	3SB39 21-0AQ	1 unit
--	--	----	---------------------	--------

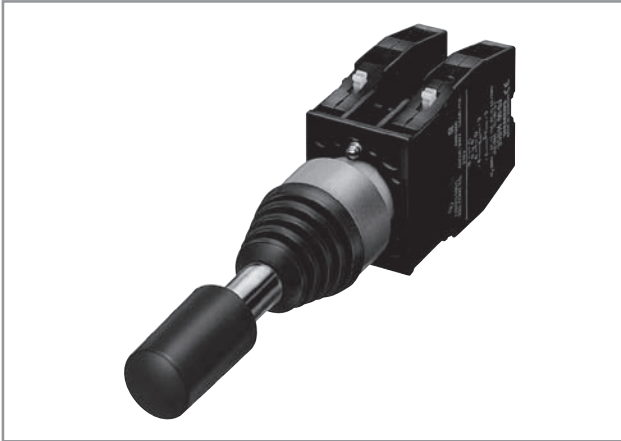
- 1) Mounting in 3SB38 enclosure is not possible.
For inscription labels see pages 10/57 and 10/58.

Push Button Units and Indicator Lights

3SB3, Plastic, Round, 22 mm

Coordinate switches, complete

Overview



Coordinate switch with contact blocks

Coordinate switches control auxiliary circuits permitting movements in various directions of machines and equipment.

The switches are designed for front panel mounting. They are climate-proof.

Operation

The 3SB14 00-0J contact block is used, which due to its depth cannot be built into 3SB38 enclosures.

Switches are available as follows:

- With 2 or 4 switch positions
- Latching or momentary contact type
- With or without mechanical interlocking

In the case of switches with mechanical interlock in O position, the switch is unlatched with the unlatching button at the front of the actuating lever.

Inscriptions

A name plate consisting of a black, plastic label holder and two or four adhesive, silver-colored inscription labels of 27 mm x 27 mm in size is available for labeling purposes. These labels can be supplied with and without customized inscription.

Note mounting dimensions!

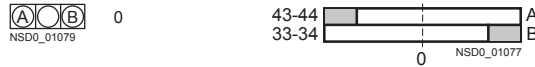
Selection and ordering data

Version	Operating travel <input type="checkbox"/> Contact closed <input type="checkbox"/> Contact open	DT	Screw terminals	PU (UNIT, SET, M)	PS
			Order No.		

Coordinate switches

2 switch positions, 1 NO per direction

Horizontal, momentary contact type



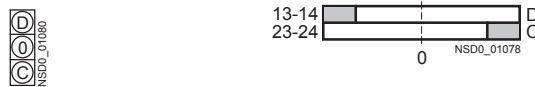
Without mechanical interlocking in the O position

- With plastic front ring, black
- With metal front ring

With mechanical interlocking in the O position

- With plastic front ring, black
- With metal front ring

Vertical, momentary contact type

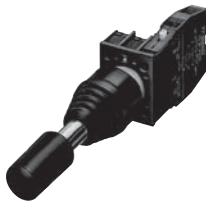


Without mechanical interlocking in the O position

- With plastic front ring, black
- With metal front ring

With mechanical interlocking in the O position

- With plastic front ring, black
- With metal front ring




Coordinate switch,
2 switch positions

C	3SB12 01-7DV01	1	1 unit
C	3SB12 01-7DV20	1	1 unit
C	3SB12 01-7DW01	1	1 unit
C	3SB12 01-7DW20	1	1 unit
C	3SB12 01-7FV01	1	1 unit
C	3SB12 01-7FV20	1	1 unit
C	3SB12 01-7FW01	1	1 unit
C	3SB12 01-7FW20	1	1 unit

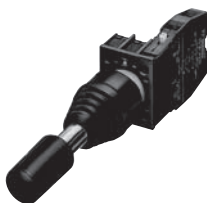
Push Button Units and Indicator Lights

3SB3, Plastic, Round, 22 mm

Coordinate switches, complete

Version	Operating travel	DT	Screw terminals 	PS
	<input checked="" type="checkbox"/> Contact closed <input type="checkbox"/> Contact open		Order No.	

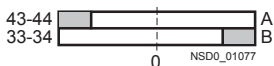
Coordinate switches



Coordinate switch,
2 switch positions

2 switch positions, 1 NO per direction

Horizontal, maintained



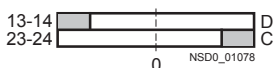
Without mechanical interlocking in the O position

- With plastic front ring, black
- With metal front ring

With mechanical interlocking in the O position

- With plastic front ring, black
- With metal front ring

Vertical, maintained



Without mechanical interlocking in the O position

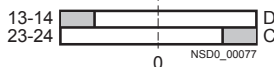
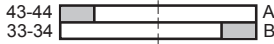
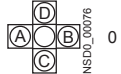
- With plastic front ring, black
- With metal front ring

With mechanical interlocking in the O position

- With plastic front ring, black
- With metal front ring

4 switch positions, 1 NO per direction

Momentary contact type



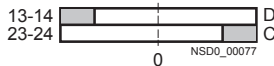
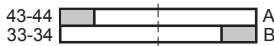
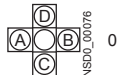
Without mechanical interlocking in the O position

- With plastic front ring, black
- With metal front ring

With mechanical interlocking in the O position

- With plastic front ring, black
- With metal front ring

Latching



Without mechanical interlocking in the O position

- With plastic front ring, black
- With metal front ring

With mechanical interlocking in the O position

- With plastic front ring, black
- With metal front ring

3SB12 01-7EV01	1 unit
3SB12 01-7EV20	1 unit

3SB12 01-7EW01	1 unit
3SB12 01-7EW20	1 unit

3SB12 01-7GV01	1 unit
3SB12 01-7GV20	1 unit

3SB12 01-7GW01	1 unit
3SB12 01-7GW20	1 unit

3SB12 08-7JV01	1 unit
3SB12 08-7JV20	1 unit

3SB12 08-7JW01	1 unit
3SB12 08-7JW20	1 unit

3SB12 08-7KV01	1 unit
3SB12 08-7KV20	1 unit


3SB12 08-7KW01	1 unit
3SB12 08-7KW20	1 unit

Push Button Units and Indicator Lights

3SB3, Plastic, Round, 22 mm

Coordinate switches, complete

Accessories

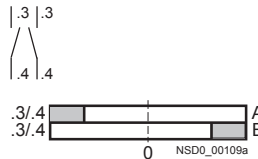
Version Contact blocks	Symbols/ operating travel <input type="checkbox"/> Contact closed <input type="checkbox"/> Contact open	DT	Screw terminals 	PS
			Order No.	

Spare contact blocks



3SB14 00-0J

Contact blocks with 2 contacts
1 NO, 1 NO
(included in scope of supply of switch)



3SB14 00-0J	1 unit
--------------------	--------

Version	DT	Order No.	PS
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Name plates



3SB19 06-0AV

Label holders for coordinate switches

- 2 switch positions, horizontal, 89 mm × 30 mm
- 2 switch positions, vertical, 30 mm × 89 mm
- 4 switch positions

Inscription labels 27 mm × 27 mm, silver-colored, for sticking in place

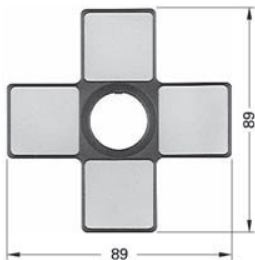
Without inscription

With inscription (engraved)

- Text lines (up to 5 lines each with 11 characters)
- Graphic symbol with number according to ISO 7000 or IEC 60417
- Any inscription or symbol

3SB19 06-0AU	1 unit
3SB19 06-0AV	1 unit
3SB19 06-0AW	1 unit

3SB19 06-2AA	1 unit
3SB19 06-2XZ	
K0Y, K1Y, K2Y, or K5Y	1 unit
K3Y	1 unit
K9Y	1 unit



3SB19 06-0AW

For black plastic labels [see page 10/58](#).

Options

Customized inscriptions

These labeling plates can be inscribed with text or symbols. 5 lines with 11 characters each in a letter height of 4 mm are possible.

Ordering notes

Append the following order codes to the Order No.:

- Text line(s) in upper/lower case, upper case always for beginning of line (e.g. "Lift off"): **K0Y**
- Text line(s) in upper case (e.g. "LIFT OFF"): **K1Y**
- Text line(s) in lower case (e.g. "lift off"): **K2Y**
- Text line(s) in upper/lower case, all words begin with upper case letters (e.g. "Lift Off"): **K5Y**
- Symbol with number according to ISO 7000 or IEC 60417: **K3Y**
- Any inscription or symbol according to order form supplement: **K9Y**

When ordering, specify the required inscription in plain text in addition to the order number and order code. In the case of special inscriptions with words in languages other than German, give the exact spelling and specify the language.

In the case of multi-line inscriptions, the text must be assigned to the respective line, e.g. "Z1 = Lift, Z2 = Lower".

Symbols can also be ordered with numbers according to ISO 7000 or IEC 60417.

For special symbols (order code K9Y), a CAD drawing in DXF format can be submitted.

Ordering example

A label inscribed with symbol No. 1117 according to ISO 7000 is required:

3SB19 06-2XZ
K3Y
Z = 1117 ISO

For other ordering examples [see page 10/54](#).

Push Button Units and Indicator Lights

3SB3, Plastic, Square, 22 mm

Complete Units

1

2

3

4

5

6



7

8

9

10

Selection and ordering data

Version	Rated voltage of lamp	Color of handle	Contacts for front plate mounting	DT	Screw terminals 	PS
					Configurator 	
	V				Order No.	

Push buttons



Push button



Illuminated push button

Version	Rated voltage of lamp	Color of handle	Contacts for front plate mounting	DT	Screw terminals	PS
Push buttons with flat button	—	Black	1 NO		3SB33 02-0AA11	1 unit
		Black	1 NC		3SB33 03-0AA11	1 unit
		Red	1 NC		3SB33 03-0AA21	1 unit
		Yellow	1 NO		3SB33 02-0AA31	1 unit
		Green	1 NO		3SB33 02-0AA41	1 unit
		Blue	1 NO		3SB33 02-0AA51	1 unit
		White	1 NO		3SB33 02-0AA61	1 unit
		Black	1 NO + 1 NC		3SB33 01-0AA11	1 unit
		Red	1 NO + 1 NC		3SB33 01-0AA21	1 unit
		Yellow	1 NO + 1 NC		3SB33 01-0AA31	1 unit
		Green	1 NO + 1 NC		3SB33 01-0AA41	1 unit
		Blue	1 NO + 1 NC		3SB33 01-0AA51	1 unit
		White	1 NO + 1 NC		3SB33 01-0AA61	1 unit
Illuminated push buttons with flat button with integrated LED (incl. holder for 3 elements)	24 AC/DC	Red ¹⁾	1 NC		3SB33 46-0AA21	1 unit
		Yellow ¹⁾	1 NO		3SB33 45-0AA31	1 unit
		Green ¹⁾	1 NO		3SB33 45-0AA41	1 unit
		Blue ¹⁾	1 NO		3SB33 45-0AA51	1 unit
		White	1 NO		3SB33 45-0AA61	1 unit
		Clear ¹⁾	1 NO		3SB33 45-0AA71	1 unit
		Red ¹⁾	1 NO + 1 NC		3SB33 47-0AA21	1 unit
		Yellow ¹⁾	1 NO + 1 NC		3SB33 47-0AA31	1 unit
		Green ¹⁾	1 NO + 1 NC		3SB33 47-0AA41	1 unit
		Blue ¹⁾	1 NO + 1 NC		3SB33 47-0AA51	1 unit
		White	1 NO + 1 NC		3SB33 47-0AA61	1 unit
		Clear ¹⁾	1 NO + 1 NC		3SB33 47-0AA71	1 unit
Illuminated push buttons with flat button with integrated LED (incl. holder for 3 elements)	230 AC	Red ¹⁾	1 NC		3SB33 54-0AA21	1 unit
		Yellow ¹⁾	1 NO		3SB33 53-0AA31	1 unit
		Green ¹⁾	1 NO		3SB33 53-0AA41	1 unit
		Blue ¹⁾	1 NO		3SB33 53-0AA51	1 unit
		White	1 NO		3SB33 53-0AA61	1 unit
		Clear ¹⁾	1 NO		3SB33 53-0AA71	1 unit
		Red ¹⁾	1 NO + 1 NC		3SB33 55-0AA21	1 unit
		Yellow ¹⁾	1 NO + 1 NC		3SB33 55-0AA31	1 unit
		Green ¹⁾	1 NO + 1 NC		3SB33 55-0AA41	1 unit
		Blue ¹⁾	1 NO + 1 NC		3SB33 55-0AA51	1 unit
		White	1 NO + 1 NC		3SB33 55-0AA61	1 unit
		Clear ¹⁾	1 NO + 1 NC		3SB33 55-0AA71	1 unit
Illuminated push buttons with flat button with BA 9s lamp holder without lamp (incl. holder for 3 elements)		Red ¹⁾	1 NC		3SB33 07-0AA21	1 unit
		Yellow ¹⁾	1 NO		3SB33 06-0AA31	1 unit
		Green ¹⁾	1 NO		3SB33 06-0AA41	1 unit
		Blue ¹⁾	1 NO		3SB33 06-0AA51	1 unit
		White	1 NO		3SB33 06-0AA61	1 unit
		Clear ¹⁾	1 NO		3SB33 06-0AA71	1 unit
		Red ¹⁾	1 NO + 1 NC		3SB33 05-0AA21	1 unit
		Yellow ¹⁾	1 NO + 1 NC		3SB33 05-0AA31	1 unit
		Green ¹⁾	1 NO + 1 NC		3SB33 05-0AA41	1 unit
		Blue ¹⁾	1 NO + 1 NC		3SB33 05-0AA51	1 unit
		White	1 NO + 1 NC		3SB33 05-0AA61	1 unit
		Clear ¹⁾	1 NO + 1 NC		3SB33 05-0AA71	1 unit

 For online configurator see www.siemens.com/sirius/configurators.

¹⁾ Inscription is possible by inserting a label.

Push Button Units and Indicator Lights

3SB3, Plastic, Square, 22 mm

Complete units

Version	Color of handle	Contacts for front plate mounting	DT	Screw terminals	PS
				Order No.	

EMERGENCY-STOP devices acc. to ISO 13850, with yellow name plate, Ø 80 mm, with inscription¹⁾. Can also be used with 3TK28 safety relays.



EMERGENCY-STOP mushroom push buttons, Ø 40 mm, with positive maintained function, with rotate-to-unlatch mechanism

Red

1 NC



1 NO + 1 NC



3SB33 03-1HA20

1 unit

3SB33 01-1HA20

1 unit

EMERGENCY-STOP mushroom push button with rotate-to-unlatch mechanism

For online configurator see www.siemens.com/sirius/configurators.

Positive opening according to IEC 60947-5-1, Appendix K. Can be used with 3TK28 safety relays. Certificate:



¹⁾ German inscription "NOT-HALT".

Version	Rated voltage of lamp	Color of lens	DT	Screw terminals	PS
				Order No.	

V

Signaling devices



Indicator light

Indicator lights with integrated LED

24 AC/DC

Red
Yellow
Green
Blue
White
Clear

3SB33 44-6AA20
3SB33 44-6AA30
3SB33 44-6AA40
3SB33 44-6AA50
3SB33 44-6AA60
3SB33 44-6AA70

1 unit
1 unit
1 unit
1 unit
1 unit
1 unit

Indicator lights with integrated LED

230 AC

Red
Yellow
Green
Blue
White
Clear

3SB33 52-6AA20
3SB33 52-6AA30
3SB33 52-6AA40
3SB33 52-6AA50
3SB33 52-6AA60
3SB33 52-6AA70

1 unit
1 unit
1 unit
1 unit
1 unit
1 unit

Indicator lights with BA 9s lamp holder (without lamp)

–

Red
Yellow
Green
Blue
White
Clear

3SB33 04-6AA20
3SB33 04-6AA30
3SB33 04-6AA40
3SB33 04-6AA50
3SB33 04-6AA60
3SB33 04-6AA70

1 unit
1 unit
1 unit
1 unit
1 unit
1 unit

For online configurator see www.siemens.com/sirius/configurators.

Push Button Units and Indicator Lights

3SB3, Plastic, Square, 22 mm

Actuators and Indicators

1
2
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10

Selection and ordering data

Version	Color of handle	DT	Configurator 	PS				
			Order No.					
Push buttons and switches with holder¹⁾								
 Push button	Push buttons with flat button	Black Red Yellow Green Blue White Clear ²⁾	3SB31 10-0AA11 3SB31 10-0AA21 3SB31 10-0AA31 3SB31 10-0AA41 3SB31 10-0AA51 3SB31 10-0AA61 3SB31 10-0AA71	1 unit 1 unit 1 unit 1 unit 1 unit 1 unit 1 unit				
	 Push button with raised front ring	Push buttons with raised front ring (height 13 mm)	Black Red Green White	3SB31 10-0AA12 3SB31 10-0AA22 3SB31 10-0AA42 3SB31 10-0AA62	1 unit 1 unit 1 unit 1 unit			
		 Push button with raised front ring, castellated	Push buttons with raised front ring, castellated (height 13 mm)	Black Red Yellow Green White	3SB31 10-0AA13 3SB31 10-0AA23 3SB31 10-0AA33 3SB31 10-0AA43 3SB31 10-0AA63	1 unit 1 unit 1 unit 1 unit 1 unit		
			 Illuminated push button	Illuminated push buttons with flat button (incl. holder for 3 elements)	Red ²⁾ Yellow ²⁾ Green ²⁾ Blue ²⁾ White Clear ²⁾	3SB31 11-0AA21 3SB31 11-0AA31 3SB31 11-0AA41 3SB31 11-0AA51 3SB31 11-0AA61 3SB31 11-0AA71	1 unit 1 unit 1 unit 1 unit 1 unit 1 unit	
				 Push button	Push buttons, maintained, with flat button, unlocking by pressing again	Black Red Yellow Green Blue White	3SB31 10-0DA11 3SB31 10-0DA21 3SB31 10-0DA31 3SB31 10-0DA41 3SB31 10-0DA51 3SB31 10-0DA61	1 unit 1 unit 1 unit 1 unit 1 unit 1 unit
	 Illuminated push button				Illuminated push buttons, maintained, with flat button (incl. holder for 3 elements), unlatches by pressing again,	Red ²⁾ Yellow ²⁾ Green ²⁾ Blue ²⁾ White Clear ²⁾	3SB31 11-0DA21 3SB31 11-0DA31 3SB31 11-0DA41 3SB31 11-0DA51 3SB31 11-0DA61 3SB31 11-0DA71	1 unit 1 unit 1 unit 1 unit 1 unit 1 unit

 For online configurator see www.siemens.com/sirius/configurators.














¹⁾ Also available without holder. Supplement Order No. with "-Z" and quote order code "B01". Price reduction on request.

²⁾ Inscription is possible by inserting a label.

Push Button Units and Indicator Lights

3SB3, Plastic, Square, 22 mm

Actuators and Indicators

Version	Version Illumination	Color of handle	DT	Configurator 	PS
				Order No.	
Selector switches with holder¹⁾					
Selector switches with 2 switch positions					
 Selector switch	Switching sequence O-I, 50° operating angle, maintained 	Non-illuminated	Black	3SB31 10-2KA11	1 unit
			Red	3SB31 10-2KA21	1 unit
			Green	3SB31 10-2KA41	1 unit
			White	3SB31 10-2KA61	1 unit
			Illuminated (incl. holder for 3 elements)	Red	3SB31 11-2KA21
Yellow	3SB31 11-2KA31	1 unit			
Green	3SB31 11-2KA41	1 unit			
Blue	3SB31 11-2KA51	1 unit			
Clear	3SB31 11-2KA71	1 unit			
 Selector switch, illuminated	Switching sequence O-I, 50° operating angle, momentary, spring return from the left 	Non-illuminated	Black	3SB31 10-2LA11	1 unit
			Red	3SB31 10-2LA21	1 unit
			Green	3SB31 10-2LA41	1 unit
			White	3SB31 10-2LA61	1 unit
			Illuminated (incl. holder for 3 elements)	Red	3SB31 11-2LA21
Yellow	3SB31 11-2LA31	1 unit			
Green	3SB31 11-2LA41	1 unit			
Blue	3SB31 11-2LA51	1 unit			
Clear	3SB31 11-2LA71	1 unit			
Selector switches with 3 switch positions					
 Selector switch	Switching sequence I-O-II, 2 x 50° operating angle, maintained 	Non-illuminated	Black	3SB31 10-2DA11	1 unit
			Red	3SB31 10-2DA21	1 unit
			Green	3SB31 10-2DA41	1 unit
			White	3SB31 10-2DA61	1 unit
			Illuminated (incl. holder for 3 elements)	Red	3SB31 11-2DA21
Yellow	3SB31 11-2DA31	1 unit			
Green	3SB31 11-2DA41	1 unit			
Blue	3SB31 11-2DA51	1 unit			
Clear	3SB31 11-2DA71	1 unit			
 Selector switch, illuminated	Switching sequence I-O-II, 2 x 50° operating angle, momentary, spring return from the left and right 	Non-illuminated	Black	3SB31 10-2EA11	1 unit
			Red	3SB31 10-2EA21	1 unit
			Green	3SB31 10-2EA41	1 unit
			White	3SB31 10-2EA61	1 unit
			Illuminated (incl. holder for 3 elements)	Red	3SB31 11-2EA21
Yellow	3SB31 11-2EA31	1 unit			
Green	3SB31 11-2EA41	1 unit			
Blue	3SB31 11-2EA51	1 unit			
Clear	3SB31 11-2EA71	1 unit			
	Switching sequence I-O-II, 2 x 50° operating angle, momentary to the left, spring return from the left, maintained to the right 	Non-illuminated	Black	3SB31 10-2GA11	1 unit
			Green	3SB31 10-2GA41	1 unit
			White	3SB31 10-2GA61	1 unit
	Switching sequence I-O-II, 2 x 50° operating angle, maintained to the left, momentary to the right, spring return from the right 	Non-illuminated	Black	3SB31 10-2FA11	1 unit
			Red	3SB31 10-2FA21	1 unit
			Green	3SB31 10-2FA41	1 unit


 For online configurator see www.siemens.com/sirius/configurators.

¹⁾ Also available without holder. Supplement Order No. with "-Z" and quote order code "B01". Price reduction on request.

Push Button Units and Indicator Lights

3SB3, Plastic, Square, 22 mm

Actuators and Indicators

Version	Lock version			DT	Configurator 	PS
	Type	Lock No./color	Key removal position			
					Order No.	

Key-operated switches with holder¹⁾



RONIS key-operated switch





CES key-operated switch




O.M.R. key-operated switch


Key-operated switches with 2 keys, 2 switch positions


Switching sequence O-I, 50° operating angle, maintained 	RONIS	SB 30	O+I O I	3SB31 10-4AD11 3SB31 10-4AD01 3SB31 10-4AD21	1 unit 1 unit 1 unit
	CES	SSG 10	O+I O I	3SB31 10-4LD11 3SB31 10-4LD01 3SB31 10-4LD21	1 unit 1 unit 1 unit
			LSG 1	O+I O	3SB31 10-4LF01 3SB31 10-4LF11
BKS	S1	O+I O	3SB31 10-5AD11 3SB31 10-5AD01	1 unit 1 unit	
		O.M.R. ²⁾	73037 Red	O	3SB31 10-3AH01
73034 Black	73037 Red	O+I O+I	3SB31 10-3AJ11 3SB31 10-3AH11	1 unit 1 unit	


Switching sequence O-I, 50° operating angle, momentary, spring return from the right 	RONIS	SB 30	O	3SB31 10-4BD01	1 unit
	CES	SSG 10	O	3SB31 10-4MD01	1 unit

Key-operated switches with 2 keys, 3 switch positions

Switching sequence I-O-II, 2 x 50° operating angle, maintained 	RONIS	SB 30	I+O+II	3SB31 10-4DD11	1 unit
	CES	SSG 10	I+O+II O	3SB31 10-4PD11 3SB31 10-4PD01	1 unit 1 unit
			BKS	S1	O

Switching sequence I-O-II, 2 x 50° operating angle, momentary, spring return from the left and right 	RONIS	SB 30	O	3SB31 10-4ED01	1 unit
	CES	SSG 10	O	3SB31 10-4QD01	1 unit

Switching sequence I-O-II, 2 x 50° operating angle, momentary to the left, spring return from the left, maintained to the right 	CES	SSG 10	O	3SB31 10-4SD01	1 unit
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Switching sequence I-O-II, 2 x 50° operating angle, maintained maintained maintained to the left, momentary to the right, spring return from the right 	CES	SSG 10	O+I	3SB31 10-4RD51	1 unit
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 For online configurator see www.siemens.com/sirius/configurators.

¹⁾ Also available without holder. Supplement Order No. with **"-Z"** and quote order code **"B01"**. Price reduction on request.

²⁾ According to FIAT standards; also available for other users.

For BKS and CES special locks see page 10/51

Push Button Units and Indicator Lights

3SB3, Plastic, Square, 22 mm

Actuators and Indicators

Version	Color of handle	Approval	DT	Configurator	PS
				Order No.	

**EMERGENCY-STOP devices according to ISO 13850 and IEC 60947-5-5, with holder¹⁾²⁾.
Can also be used with 3TK28 safety relays.**



EMERGENCY-STOP mushroom push button with rotate-to-unlatch mechanism

EMERGENCY-STOP mushroom push buttons, Ø 40 mm, Red
with positive latching according to ISO 13850,
with rotate-to-unlatch mechanism

Red



3SB31 10-1HA20

1 unit



EMERGENCY-STOP mushroom push button with RONIS key-operated switch

EMERGENCY-STOP mushroom push buttons, Ø 40 mm, Red
with RONIS key-operated switch
(with 2 keys), lock No. SB 30,
with positive latching according to ISO 13850,
unlocking only possible using key

Red



3SB31 10-1BA20

1 unit



EMERGENCY-STOP mushroom push button with CES key-operated switch

EMERGENCY-STOP mushroom push buttons, Ø 40 mm, Red
with CES key-operated switch
(with 2 keys), lock No. SSG 10,
with positive latching according to ISO 13850,
unlocking only possible using key

Red



3SB31 10-1KA20

1 unit



EMERGENCY-STOP mushroom push button with O.M.R. key-operated switch

EMERGENCY-STOP mushroom push buttons, Ø 40 mm, Red
with BKS key-operated switch
(with 2 keys),
lock No. S1, with positive latching according to ISO 13850,
unlocking only possible using key

Red



3SB31 10-1LA20

1 unit

EMERGENCY-STOP mushroom push buttons, Ø 40 mm, Red
with O.M.R. key-operated switch
(with 2 keys), lock No. 73037
with positive latching according to ISO 13850,
unlocking only using key

Red



3SB31 10-1MA20

1 unit

¹⁾ For online configurator see www.siemens.com/sirius/configurators.

¹⁾ Also available without holder. Supplement Order No. with "-Z" and quote order code "B01". Price reduction on request.

²⁾ Yellow backing plates must be ordered separately; see "Accessories" on page 10/66.

For BKS and CES special locks see page 10/51

Version	Color of lens	DT	Configurator	PS
			Order No.	

Signaling elements with holder¹⁾



Indicator lights

Indicator lights

Red
Yellow
Green
Blue
Clear
White

3SB31 11-6AA20
3SB31 11-6AA30
3SB31 11-6AA40
3SB31 11-6AA50
3SB31 11-6AA70
3SB31 11-6AA60

1 unit
1 unit
1 unit
1 unit
1 unit
1 unit

¹⁾ For online configurator see www.siemens.com/sirius/configurators.

¹⁾ Also available without holder. Supplement Order No. with "-Z" and quote order code "B01". Price reduction on request.




Push Button Units and Indicator Lights

3SB3, Components for Actuators and Indicators, 22 mm



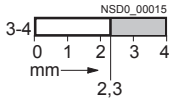

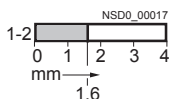

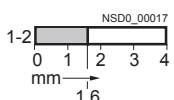


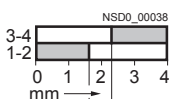

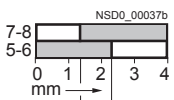


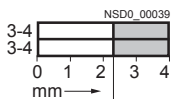

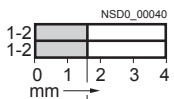

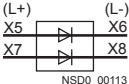

Contact blocks and lamp holders

1
2
3
4
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Selection and ordering data

Version	Diagram	Operating travel	DT	Screw terminals	PS
		 Contact closed  Contact open			
				Order No.	

Contact blocks for front plate mounting

 3SB34 00-0B	Contact blocks with one contact • Mounting depth: 50 mm 1 NO 1 NO with gold-plated contacts			3SB34 00-0B 3SB34 00-0BA	1 unit 1 unit
	1 NC 1 NC with gold-plated contacts			3SB34 00-0C 3SB34 00-0CA	1 unit 1 unit
	1 NC with mounting monitoring contact ¹⁾ • Mounting depth: 63 mm			3SB34 00-0M	1 unit
 3SB34 00-0M	Contact block with 2 contacts Mounting depth 63 mm (including unit labeling plate)				
	1 NO + 1 NC 1 NO + 1 NC with gold-plated contacts 1 NO + 1 NC with dust protection ²⁾			3SB34 00-0A 3SB34 00-0AA 3SB34 00-0N	1 unit 1 unit 1 unit
	1 NO leading + 1 NC lagging 1 NO leading + 1 NC lagging with gold-plated contacts			3SB34 00-0H 3SB34 00-0HA	1 unit 1 unit
 3SB34 00-0A	2 NO 2 NO with gold-plated contacts 2 NO with dust protection ²⁾			3SB34 00-0D 3SB34 00-0DA	1 unit 1 unit
	2 NC 2 NC with gold-plated contacts 2 NC with dust protection ²⁾			3SB34 00-0E 3SB34 00-0EA 3SB34 00-0Q	1 unit 1 unit 1 unit
	Blocks with 2 diodes type 1N 4007 Mounting depth: 63 mm $U_{RMS} = \text{max. } 250 \text{ V}$ $I_{FAV} = 0.8 \text{ A}$ at $T_U = 60 \text{ }^\circ\text{C}$			3SB34 00-2A	1 unit
 3SB34 00-2A					

⊕ Positive opening according to IEC 60947-5-1, Appendix K.



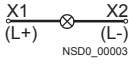
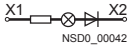

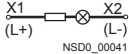
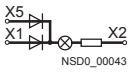
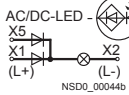
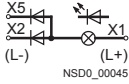
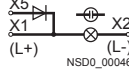

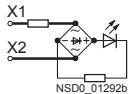
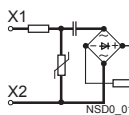
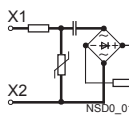
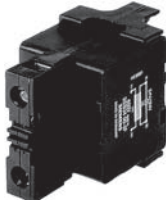

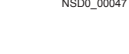
¹⁾ The NC contact opens automatically upon disconnection of the actuator. On delivery, the contact is open (= safe state). Activation (= NC contacts on the non-actuated control device are closed) takes place upon first-time actuation after the contact block is snapped onto the actuator. Not suitable for mounting in 3SB38 enclosures.

²⁾ With 3SB30 01-0CH dust protection shield

Push Button Units and Indicator Lights

3SB3, Components for Actuators and Indicators, 22 mm

Contact blocks and lamp holders

Version	Diagram	Rated voltage	DT	Screw terminals 	PS
		V		Order No.	
Contact blocks for front plate mounting					
	BA 9s lamp holders , mounting depth 50 mm				
	Without lamp With 24 V incandescent lamp (3SX1 344)		Acc. to lamp 24 AC/DC	3SB34 00-1A 3SB34 00-1D	1 unit 1 unit
3SB34 00-1A	BA 9s lamp holders , mounting depth 50 mm				
	With integrated voltage reducer and with 130 V lamp (3SX1 731) ¹⁾		230 / 240 AC	3SB34 00-1C	1 unit
	BA 9s lamp holders , mounting depth 50 mm				
	With built-in resistor for longer endurance and with 130 V lamp (3SX1 731) ¹⁾		110/130 AC/DC	3SB34 00-1B	1 unit
3SB34 00-1F	BA 9s lamp holders with separate lamp test function ²⁾³⁾				
	With integrated voltage reducer and with 130 V lamp (3SX1 731) ¹⁾		230 / 240 AC	3SB34 00-1F	1 unit
3SB34 00-1G	Without lamp		Acc. to lamp	3SB34 00-1G	1 unit
	For incandescent lamp, max. 2.6 W; for LED lamp, 24/48/230 V AC/DC ⁴⁾				
3SB34 00-1L	Without lamp		Acc. to lamp	3SB34 00-1L	1 unit
	For incandescent lamp, max. 2.6 W; for LED lamp, AC or DC ⁵⁾				
3SB34 00-1H	Without lamp		Acc. to lamp	3SB34 00-1H	1 unit
	For incandescent lamp, max. 2.6 W; for glow lamp, AC				
	Lamp holders with integrated LED Mounting depth: 50 mm				
	Yellow Red Green Blue White		24 AC/DC	3SB34 00-1PA 3SB34 00-1PB 3SB34 00-1PC 3SB34 00-1PD 3SB34 00-1PE	1 unit 1 unit 1 unit 1 unit 1 unit
3SB34 00-1QA	Yellow Red Green Blue White		110 AC	3SB34 00-1QA 3SB34 00-1QB 3SB34 00-1QC 3SB34 00-1QD 3SB34 00-1QE	1 unit 1 unit 1 unit 1 unit 1 unit
	Yellow Red Green Blue White		230 AC	3SB34 00-1RA 3SB34 00-1RB 3SB34 00-1RC 3SB34 00-1RD 3SB34 00-1RE	1 unit 1 unit 1 unit 1 unit 1 unit
	Transformers For snapping onto 3SB34 00-1A lamp holder		127 / 24 240 / 24 260 / 24 400 / 24	3SB34 00-3A 3SB34 00-3C 3SB34 00-3E 3SB34 00-3F	1 unit 1 unit 1 unit 1 unit
	For incandescent lamp AC, max. 2 W Mounting depth: 97 mm		127 / 6 240 / 6 400 / 6 480 / 6 600 / 6	3SB34 00-3M 3SB34 00-3P 3SB34 00-3S 3SB34 00-3U 3SB34 00-3W	1 unit 1 unit 1 unit 1 unit 1 unit

1) Use these lamps only.

2) The lamp holder with separate lamp test function can not be installed in an enclosure.

3) For circuit examples see Reference manual "Commanding and Signaling Devices".




4) Not suitable for LEDs which are suitable only for AC or DC.

5) Not suitable for LED for 24/48/230 V AC/DC. For connecting to DC, X5 must be connected to L-.



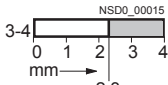



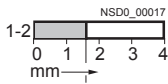
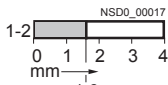

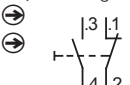
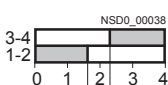


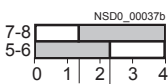


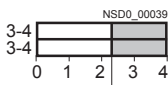

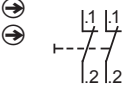
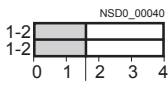

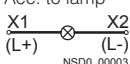

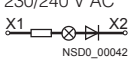
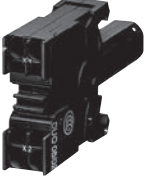
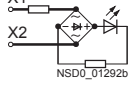

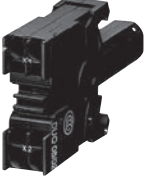
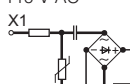

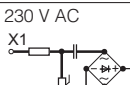

Push Button Units and Indicator Lights

3SB3, Components for Actuators and Indicators, 22 mm

Contact blocks and lamp holders

Version	Rated voltage of lamp/ Diagram	Operating travel/color	DT	Spring-type terminals	PS
	V	 Contact closed  Contact open			
				Order No.	

Contact blocks for front plate mounting

 3SB34 03-0B	Contact blocks with one contact , mounting depth 50 mm						
	1 NO 1 NO with gold-plated contacts			3SB34 03-0B 3SB34 03-0BA	1 unit 1 unit		
 3SB34 03-0C	Contact blocks with one contact , mounting depth 63 mm						
	1 NC 1 NC with gold-plated contacts 1 NC with mounting monitoring contact ¹⁾ • Mounting depth: 63 mm	 	 	3SB34 03-0C 3SB34 03-0CA 3SB34 03-0M	1 unit 1 unit 1 unit		
 3SB34 03-0A	Contact blocks with 2 contacts , mounting depth 63 mm						
	1 NO + 1 NC 1 NO + 1 NC with gold-plated contacts			3SB34 03-0A 3SB34 03-0AA	1 unit 1 unit		
 3SB34 03-0H	Contact blocks with 2 contacts , mounting depth 63 mm						
	1 NO leading + 1 NC lagging 1 NO leading + 1 NC lagging with gold-plated contacts			3SB34 03-0H 3SB34 03-0HA	1 unit 1 unit		
 3SB34 03-0D	Contact blocks with 2 contacts , mounting depth 63 mm						
	2 NO 2 NO with gold-plated contacts			3SB34 03-0D 3SB34 03-0DA	1 unit 1 unit		
 3SB34 03-0E	Contact blocks with 2 contacts , mounting depth 63 mm						
	2 NC 2 NC with gold-plated contacts			3SB34 03-0E 3SB34 03-0EA	1 unit 1 unit		
 3SB34 03-1C	BA 9s lamp holders , mounting depth 50 mm						
	Without lamp ²⁾ With integrated voltage reducer and with 130 V lamp (3SX1 731) ²⁾³⁾	Acc. to lamp 	 	3SB34 03-1A 3SB34 03-1C	1 unit 1 unit		
 3SB3403-1PA	Lamp holders with integrated LED Mounting depth: 50 mm						
	24 V AC/DC 	Yellow Red Green Blue White		3SB34 03-1PA 3SB34 03-1PB 3SB34 03-1PC 3SB34 03-1PD 3SB34 03-1PE	1 unit 1 unit 1 unit 1 unit 1 unit		
 3SB3403-1QA	110 V AC 		Yellow Red Green Blue White		3SB34 03-1QA 3SB34 03-1QB 3SB34 03-1QC 3SB34 03-1QD 3SB34 03-1QE	1 unit 1 unit 1 unit 1 unit 1 unit	
	230 V AC 		Yellow Red Green Blue White		3SB34 03-1RA 3SB34 03-1RB 3SB34 03-1RC 3SB34 03-1RD 3SB34 03-1RE	1 unit 1 unit 1 unit 1 unit 1 unit	

⊕ Positive opening according to IEC 60947-5-1, Appendix K.

¹⁾ The NC contact opens automatically upon disconnection of the actuator. On delivery, the contact is open (= safe state). For more explanations see footnote, page 10/47. Not suitable for mounting in 3SB38 enclosures.




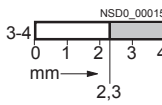

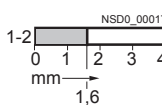

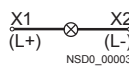
²⁾ Not suitable for square command devices.

³⁾ Use these lamps only.




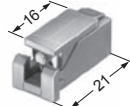
Push Button Units and Indicator Lights

3SB3, Components for Actuators and Indicators, 22 mm

Contact blocks and lamp holders

Version	Diagram	Operating travel <input type="checkbox"/> Contact closed <input type="checkbox"/> Contact open	DT	Solder pin connections  Order No.	PS
Contact blocks for use on printed circuit boards					
 3SB34 11-0B	Contact blocks with one contact Mounting depth 44 mm				
	1 NO	 		3SB34 11-0B	1 unit
	1 NC	 		3SB34 11-0C	1 unit
 3SB34 11-1A	Wedge base lamp holders W2 x 4.6 d Mounting depth: 44 mm Without lamp			3SB34 11-1A	1 unit

⊕ Positive opening according to IEC 60947-5-1, Appendix K.

Version	DT	Order No.	PS
Holders for 3 contact blocks, for front panel mounting			
 3SB39 01-0AB		3SB39 01-0AB	20 units
Holders for push buttons and switches¹⁾ for snapping on 3 blocks (for illuminated push buttons and illuminated selector switches the holder is included in the scope of supply)			
 3SB39 01-0AC		3SB39 01-0AC	10 units
Holders for selector switches, key-operated switches and twin push buttons With pressure plate for actuating the central contact block of 3 contact blocks			
Pressure plates for use on printed circuit boards			
 3SB39 01-0AW		3SB39 01-0AW	10 units
Pressure plates for selector switches and key-operated switches For actuating the central contact block of 3 contact blocks			
Accessories for printed circuit boards			
 3SB39 01-0AA		3SB39 01-0AA	10 units
Holders for printed circuit boards for mounting the command devices on the printed circuit board (screw is included in the scope of supply)			

¹⁾ Holder also for mushroom push button and push-pull button.

Options

Special locks for key-operated switches

The BKS and CES plastic and metal key-operated switches, round and square versions, can be optionally equipped with special locks.

In this case the Order No. of the matching key-operated switch must be supplemented with "-Z", the matching order code "Y01" or "Y02" and the required lock number.

Order code	Y01	Y02
In accordance with the table of special locks	No	Yes
Normal delivery time	25 working days	5 working days
Additional price per unit	On request	On request
Ordering example	3SB30 00-4LD01-Z Y01 Z = SSG18	3SB30 00-4LD01-Z Y02 Z = SSG11

Available special locks with order code "Y02"	Order No. with order code
Key-operated switch	
CES SSG 11 to SSG 15	3SB3. ...-4LD01-Z Y02 3SB3. ...-4LD11-Z Y02 3SB3. ...-4LD21-Z Y02 3SB3. ...-4MD01-Z Y02 3SB3. ...-4PD.-Z Y02 3SB3. ...-4QD.-Z Y02 3SB3. ...-4RD.-Z Y02 3SB3. ...-4SD.-Z Y02
BKS E1, E2, E7, E9 ¹⁾	3SB3. ...-5AD.-Z Y02 3SB3. ...-5BD01-Z Y02 3SB3. ...-5DD.-Z Y02 3SB3. ...-5ED01-Z Y02 3SB3. ...-5FD01-Z Y02 3SB3. ...-5GD01-Z Y02
BKS E9 ¹⁾	3SB3. ...-5FD51-Z Y02

EMERGENCY-STOP mushroom push buttons

CES SSP 9	3SB3. ...-1KA20-Z Y02
BKS E2, E7, E9 ¹⁾	3SB3. ...-1LA20-Z Y02

¹⁾ Delivery of these BKS key-operated switches (locks for VW) without key.

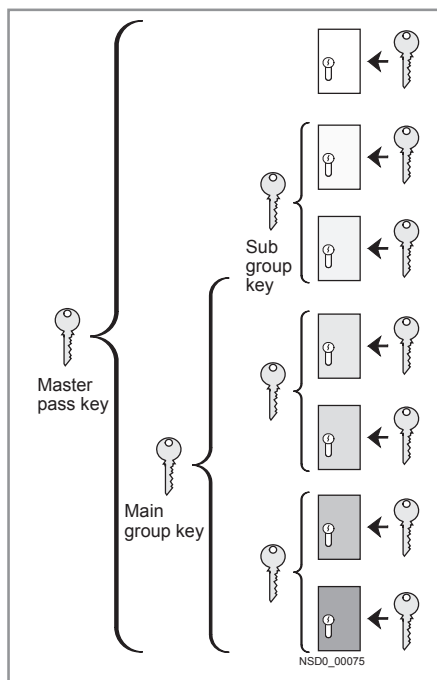
Master and master-pass key systems

The following key systems can be supplied with BKS or CES key-operated switches:

- Central lock systems
- Master key systems
- Central master key systems
- Master-pass key systems

When placing an order you must supplement the Order No. of the matching key-operated switches with "-Z" and quote the order code "Y03".

Please enquire for price and delivery time.



Example of master-pass key system

Ordering notes

- For all special locks, an additional price applies.
- The order code "Y01" or "Y02" must be quoted in accordance with the table above. Automated processing of the order with a defined delivery time can be guaranteed only for correctly submitted orders.
- For applications in which access security is important and several lock numbers are used, we recommend the use of BKS or CES key-operated switches.
- Special locks for VW (E1, E2, ...) will be delivered without keys, all others with 2 keys.

Push Button Units and Indicator Lights

3SB3, Components for Actuators and Indicators, 22 mm

Contact block position for selector switches & 3-position push-pull

Selection and ordering data

Switch Position (front of switch)	Circuit	Contact Block	Block Position ¹⁾²⁾
--------------------------------------	---------	---------------	--------------------------------

Two-Position Selector Contact Block Selection

Switch Position (front of switch)	Circuit	Contact Block	Block Position ¹⁾²⁾
	1 NO	3SB34 00-0B	Any Position
	1 NC	3SB34 00-0C	Any Position
	1 NO/1 NC	3SB34 00-0A	Any Position
	2 NO	3SB34 00-0D	Any Position
	2 NC	3SB34 00-0E	Any Position

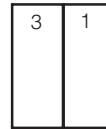
Three-Position Selector Contact Block Selection

Switch Position (front of switch)	Circuit	Contact Block	Block Position ¹⁾²⁾
	1 NO	3SB34 00-0B	1 or 2A
	1 NO	3SB34 00-0B	2
	1 NO	3SB34 00-0B	3 or 2B
	1 NC	3SB34 00-0C	1 or 2A
	1 NC	3SB34 00-0C	2
	1 NC	3SB34 00-0C	3 or 2B
	1 NO/1 NC	3SB34 00-0A	1 or 2A
	1 NO/1 NC	3SB34 00-0A	2
	1 NO/1 NC	3SB34 00-0A	3 or 2B
	2 NO	3SB34 00-0D	1 or 2A
	2 NO	3SB34 00-0D	2
	2 NO	3SB34 00-0D	3 or 2B
	2 NC	3SB34 00-0E	1 or 2A
	2 NC	3SB34 00-0E	2
	2 NC	3SB34 00-0E	3 or 2B

Three-Position Push-Pull Contact Block Selection

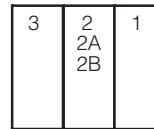
Out	Center	In	Circuit	Contact Block	Block Position ¹⁾²⁾
X	O	O	1 NO	3SB34 00-0B	1 or 2A
O	O	X	1 NO	3SB34 00-0B	3 or 2B
X	X	O	1 NC	3SB34 00-0C	3 or 2B
O	X	X	1 NC	3SB34 00-0C	1 or 2A
O	X	X	1 NO/1 NC	3SB34 00-0A	1 or 2A
X	X	O	1 NO/1 NC	3SB34 00-0A	3 or 2B
O	X	O	1 NO/1 NC	3SB34 00-0A	2
X	O	X			

Rear View of Switch



Operator without Contact Block Carrier

For Mounting Contacts Directly to Operator



Operator with Contact block carrier

For Mounting Contacts with Carrier

X — Contact Closed
O — Contact Open
2 — Both Pushers Inserted
2A—Left Pusher Inserted
2B—Right Pusher Inserted



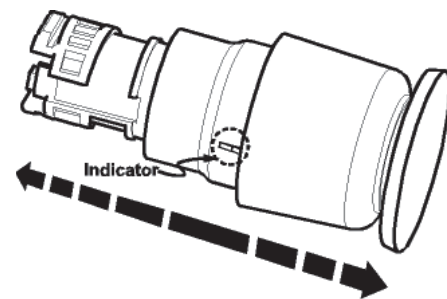
3SB39 01-0AC for operating center position. Shown with both pushers inserted (Sold separately)



3SB39 01-0AB included with illuminated devices

Orienting 3-Position Push-Pull Devices

1. Pull the operator to the out position and locate the device orientation mark.
2. With the mark located, insert into panel with the mark on the left side of the device as you face the panel.



1) Positions 2, 2A and 2B cannot be used on illuminated selector switches. Position is occupied by lamp holder.

2) For illuminated transformer-type devices, an extra-deep lampholder is required when using two-element contact blocks.

Overview

Inscription of actuators and indicators

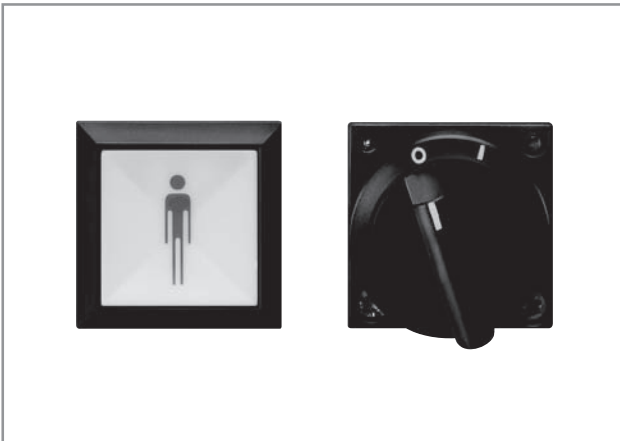
Actuators and indicators of plastic as well as metal version can be optionally inscribed with a laser.



Pushbutton (metal) with laser inscription

The actuators of the push buttons, illuminated push buttons, mushroom push buttons and illuminated mushroom push buttons can be inscribed as well as the lenses of the indicator lights.

Selector switches can be inscribed only if they are made of plastic (only one text line on the front ring).



Pushbutton and selector switch (plastic) with laser inscription

Version

A letter height of 4 mm is used as standard for text inscriptions:

The typeface used is Arial. Other letter heights and typefaces are possible, but must be specified when ordering.

For round buttons and lenses, the possible number of characters per line is:

- 10 characters for one line of text
- 8 characters for 2 lines of text
- 6 characters for 3 lines of text, but 10 characters in the middle line

On square buttons and lenses, 10 characters are possible per line.

Ordering notes

When ordering, supplement the Order No. of the actuator or the indicator light with "**-Z**" and an order code:

- Text line in upper/lower case, always upper case for beginning of line (e.g. "Lift off"): **Y10**
- Text in upper case (e.g. "LIFT OFF"): **Y11**
- Text in lower case (e.g. "lift off"): **Y12**
- Text in upper/lower case, all words begin with capital letters (e.g. "Lift Off"): **Y15**
- Symbol with number according to ISO 7000 or IEC 60417: **Y13**
- Any inscription or symbol according to order form supplement: **Y19**

Additional price per unit for Y10 to Y19 on request.

When ordering, specify the required inscription in plain text in addition to the order number and order code. In the case of special inscriptions with words in languages other than German, give the exact spelling and specify the language (see ordering example 1).

In the case of multi-line inscriptions, the text must be assigned to the respective line, e.g. "Z1 = Lift, Z2 =Lower". For long words you can also specify the end-of-line division.

Symbols can also be ordered with numbers according to ISO 7000 or IEC 60417 (see ordering examples 2 and 3).

For special symbols (order code Y19), a CAD drawing in DXF format can be submitted.

Ordering example 1

A round push button with the inscription "Reset" is required:

3SB30 00-0AA41-Z

Y10

Z = Reset (English)

Ordering example 2

A square push button inscribed with symbol No. 5389 according to IEC 60417 is required:

3SB31 10-0AA31-Z

Y13

Z = 5389 IEC

Ordering example 3

A round push button inscribed with symbol No. 1118 according to ISO 7000 is required:

3SB30 00-0AA41-Z

Y13

Z = 1118 ISO

Push Button Units and Indicator Lights

3SB3, Incriptions, 22 mm

Laser inscriptions

Options

Customized inscriptions

The labels can be inscribed with text and symbols not listed in the ordering data.

Insert Labels

By default, a letter height of 4 mm (for a single line of text) or 3 mm (for 2 or 3 lines of text) is used for text inscriptions.

The typeface used is Arial. Other letter heights and typefaces are possible, but must be specified when ordering.

For round insert labels, the maximum possible number of characters per line is:

- 10 characters for one line of text
- 8 characters for 2 lines of text
- 6 characters for 3 lines of text, but 10 characters in the middle line

On square insert labels, 10 characters are possible per line.

Name plates

The following letter heights are used as standard for text inscriptions:

- Label size 12.5 mm × 27 mm: maximum 3 lines with letter height 4 mm (1-line), 3.5 mm (2-line) or 2.5 mm (3-line)
- Label size 27 mm × 27 mm: maximum 5 lines with letter height 4 mm (1- to 5-line)
- Label size 17.5 mm × 28 mm: maximum 3 lines with letter height 4 mm (1- and 2-line) or 3 mm (3-line)

Up to 11 characters per line are possible. The typeface used is Arial. Other letter heights and typefaces are possible, but must be specified when ordering.

Inscription labels for enclosures

A letter height of 4 mm is used as standard for text inscriptions (1 to 3 lines)

Up to 11 characters per line are possible. The typeface used is Arial. Other letter heights and typefaces are possible, but must be specified when ordering.

Ordering notes

Append the following codes to the Order No.:

- Text line(s) in upper/lower case, upper case always for beginning of line (e.g. "Lift off"): **K0Y**
- Text line(s) in upper case (e.g. "LIFT OFF"): **K1Y**
- Text line(s) in lower case (e.g. "lift off"): **K2Y**
- Text line(s) in upper/lower case, all words begin with upper case letters (e.g. "Lift Off"): **K5Y**
- Symbol with number according to ISO 7000 or IEC 60417: **K3Y**
- Any inscription or symbol according to order form supplement: **K9Y**

When ordering, specify the required inscription in plain text in addition to the order number and order code. In the case of special inscriptions with words in languages other than German, give the exact spelling and specify the language.

In the case of multi-line inscriptions, the text must be assigned to the respective line, e.g. "Z1 = Lift, Z2 = Lower". For long words you can also specify the end-of-line division ([see ordering example 1](#)).

Symbols can also be ordered with numbers according to ISO 7000 or IEC 60417 ([see ordering examples 2 and 3](#)).

For special symbols (order code K9Y), a CAD drawing in DXF format should be submitted to sirius-attach.aud@siemens.com

Ordering example 1

A label with 2 lines of text is required:

3SB39 02-1XZ
K1Y
Z1 = LIFT
Z2 = LOWER

Ordering example 2

A label inscribed with symbol No. 5011 according to IEC 60417 is required:

3SB39 02-1XZ
K3Y
Z = 5011 IEC

Ordering example 3

A label inscribed with symbol No. 1118 according to ISO 7000 is required:

3SB39 02-1XZ
K3Y
Z = 1118 ISO

Examples for customized inscription



Two-line inscription in upper/lower case lettering (K0Y)
(Insert labels)



Single-line inscription in upper case lettering (K1Y)
(Name plates)



Three-line inscription in lower case lettering (K2Y)



Symbol number 5011 according to IEC 60417 (K3Y)



Any symbol according to order form supplement (K9Y)
(Inscription labels for enclosures)

Push Button Units and Indicator Lights

3SB3, Inscriptions, 22 mm

Inscriptions by laser printer

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Overview

Label inscriptions

Using the *Label Designer* software, which can be downloaded from the Internet, and the inscription labels for laser inscription you can create your own customized labels with a standard laser printer.

The self-adhesive or snap-on labels can be stuck or snapped onto the corresponding label holders (see [Name plates](#)). Round labels are provided for inserting in illuminated push buttons and switches.

The labels are suitable for printing with one to three lines of text or symbols.

For applications with more exacting requirements we recommend factory-printed inscription labels and insert labels (laser-printed or engraved depending on the type).

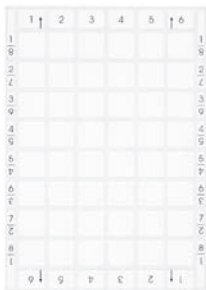
You can find the *Label Designer* software on the Internet at:

www.siemens.com/sirius-label-designer

Selection and ordering data

Version	Color	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS
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Labels for printing



Insert labels for inserting in round illuminated push buttons and illuminated switches	Milky	A	3SB39 01-2AB		100	480 units
Inscription labels 12.5 mm x 27 mm for sticking onto label holder	White	A	3SB39 02-2AA		100	480 units
Inscription labels 27 mm x 27 mm for sticking onto label holder	White	A	3SB39 03-2AA		100	480 units
Inscription labels 17.5 mm x 28 mm for snapping onto label holder	White	A	3SB39 05-2AA		100	720 units
Inscription labels 22 mm x 22 mm for sticking onto enclosure	White	A	3SB39 06-2AA		100	700 units

Push Button Units and Indicator Lights

3SB3, Incriptions, 22 mm

Insert labels

Overview

Push buttons (clear) and illuminated push buttons with a flat button can be fitted with insert labels for identification purposes, but indicator lights cannot.












These insert labels are made of clear, transparent plastic with black inscription; they can be fitted in any 90° angle.

Inscriptions

The inscriptions have upper case initial letters. Graphic symbols, including those not listed in the catalog, are according to ISO 7000 or IEC 60417 (see page 10/54).

The insert labels without inscription are suitable for user marking with permanent pen.

Selection and ordering data

Inscription/Symbol	Symbol No.	DT	Round range		Square range			
			Order No.	Price per PU	Order No.	Price per PU		
Insert labels								
<i>For self-inscription</i>								
	Blank	B	3SB19 01-4AS		B	3SB39 40-4AA		
<i>With inscription</i>								
	On	B	3SB19 01-4EB		B	3SB39 40-4EB		
	Off	B	3SB19 01-4EC		B	3SB39 40-4EC		
	Up	B	3SB19 01-4ED		B	3SB39 40-4ED		
	Down	B	3SB19 01-4EE		B	3SB39 40-4EE		
	Forward	B	3SB19 01-4EF		B	3SB39 40-4EF		
	Reverse	B	3SB19 01-4EG		B	3SB39 40-4EG		
	Right	C	3SB19 01-4EH			—		
	Left	C	3SB19 01-4EJ			—		
	Open	B	3SB19 01-4EP		B	—		
	Close	B	3SB19 01-4EQ			—		
	Fast	B	3SB19 01-4ER			—		
	Slow	B	3SB19 01-4ES			—		
	Running	B	3SB19 01-4EV			3SB39 40-4EV		
	Fault	B	3SB19 01-4EW			3SB39 40-4EW		
	Reset	B	3SB19 01-4EM		B	3SB39 40-4EM		
	Test	B	3SB19 01-4EN			—		
	Start	B	3SB19 01-4EK		B	3SB39 40-4EK		
	Stop	B	3SB19 01-4EL		B	3SB39 40-4EL		
<i>With graphic symbol</i>								
	O (Off)			5008 IEC	B	3SB19 01-4MB	B	3SB39 40-4MB
	I (On)			5007 IEC	B	3SB19 01-4MC	B	3SB39 40-4MC
	II (On)			—	B	3SB19 01-4MD	B	3SB39 40-4MD
	Electric motor			0011 ISO	B	3SB19 01-4PA		3SB39 40-4PA
	Motion in direction of arrow			5022 IEC	B	3SB19 01-4NA	B	3SB39 40-4NA
	Increase, plus			5005 IEC	B	3SB19 01-4NG	B	3SB39 40-4NG
	Decrease, minus			5006 IEC	B	3SB19 01-4MC	B	3SB39 40-4MC
<i>With customized inscription</i>								
	For inscriptions or symbols see "Options"					3SB19 01-4AZ		3SB39 40-4AZ
	• Text line(s) or symbol with No.	B				K0Y, K1Y, K2Y, K3Y or K5Y	B	K0Y, K1Y, K2Y, K3Y or K5Y
	• Any inscription or symbol	B				K9Y	B	K9Y

For customized inscriptions see page 10/54.

Push Button Units and Indicator Lights

3SB3, Inscriptions, 22 mm

Name plates

1
2
3
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6
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Overview

The name plates consist of a black plastic label holder and an inscription label (black with white print or silver-colored with black print) for sticking or snapping in place. They are not suitable for EMERGENCY-STOP push buttons.

Note mounting dimensions!

Inscriptions

The inscriptions have upper case initial letters. The typeface is Arial. Graphic symbols, including those not listed in the tables, are according to ISO 7000 or IEC 60417 (see page 10/54).

Self-adhesive labels

There are 2 sizes available for the round and square ranges:



- Label holders 30 mm × 45 mm × 7 mm with inscription label 12.5 mm × 27 mm.
- Label holders 30 mm × 60 mm × 7 mm with inscription label 27 mm × 27 mm.

Snap-on labels

The following version is available for the round range:

- Label holders 29.8 mm × 51 mm × 3 mm with inscription label 17.5 mm × 28 mm (inscription area: 17.5 mm × 27 mm)

Selection and ordering data

Inscriptions	DT	Black Order No.	DT	Silver-colored Order No.
Inscription labels, self-adhesive, 12.5 mm × 27 mm				
<i>For self-inscription</i>				
				
Blank	▶	3SB39 02-1AA	B	3SB19 01-2AA
<i>With inscription</i>				
				
On	B	3SB39 02-1EB	B	3SB19 01-2EB
Off	B	3SB39 02-1EC	B	3SB19 01-2EC
Up	B	3SB39 02-1ED	B	3SB19 01-2ED
Down	B	3SB39 02-1EE	B	3SB19 01-2EE
Emerg. Stop		3SB39 02-1AU		
Hand O Auto		3SB39 02-1BE		
Jog		3SB39 02-1BG		
Man O Auto		3SB39 02-1ET		
Power Off		3SB39 02-1BH		
Power On		3SB39 02-1BJ		
Reset		3SB39 02-1EM		
Run		3SB39 02-1EX		
Forward	B	3SB39 02-1EF		
Reverse	B	3SB39 02-1EG		
Right	B	3SB39 02-1EH	B	3SB19 01-2EH
Left	B	3SB39 02-1EJ	B	3SB19 01-2EJ
Open	B	3SB39 02-1EP	B	3SB19 01-2EP
Close	B	3SB39 02-1EQ	B	3SB19 01-2EQ
Fast		—	B	3SB19 01-2ER
Slow		—	B	3SB19 01-2ES
Stop	B	3SB39 02-1EK	B	3SB19 01-2EK
Start	B	3SB39 02-1EL	B	3SB19 01-2EL
Test	B	3SB39 02-1EN	B	3SB19 01-2EN
Running		—	B	3SB19 01-2EV
Fault	B	3SB39 02-1EW	B	3SB19 01-2EW
Reset		—	B	3SB19 01-2EM
Stop Start	B	3SB39 02-1BC	B	3SB19 01-2BC
Hand Auto	B	3SB39 02-1BA	B	3SB19 01-2BA
Man Auto	B	3SB39 02-1EU	B	3SB19 01-2EU
Hand O Auto		—	B	3SB19 01-2BE
Man O Auto		—	B	3SB19 01-2ET
Off On		3SB39 02-1EA		

For label holders see page 10/60.

For customized inscriptions see page 10/54..

Push Button Units and Indicator Lights

3SB3, Incriptions, 22 mm

Name plates

Incriptions	DT	Black Order No.	DT	Silver-colored Order No.
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Inscription labels, self-adhesive, 12.5 mm × 27 mm



With graphic symbol

O
I
II
III
O I
I O II
1 O 2
1 2

B	3SB39 02-1MB	B	3SB19 01-2MB
B	3SB39 02-1MC	B	3SB19 01-2MC
	—	C	3SB19 01-2MD
	—	B	3SB19 01-2ME
B	3SB39 02-1MF	B	3SB19 01-2MF
B	3SB39 02-1MG	B	3SB19 01-2MG
	—	B	3SB19 01-2MK
B	3SB39 02-1ML		—
B	3SB39 02-1NJ	B	3SB19 01-2NA
B	3SB39 02-1NA	B	3SB19 01-2NJ



With customized inscription

For inscriptions or symbols see "Options"

- Text line(s)
- Text line(s) or symbol with No.
- Any inscription or symbol

B	3SB39 02-1XZ	B	3SB19 01-2XZ
B	K0Y	B	K0Y
B	K1Y, K2Y, K3Y or K5Y	B	K1Y, K2Y, K3Y or K5Y
B	K9Y	B	K9Y

Incriptions	DT	Black Order No.	DT	Silver-colored Order No.
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Inscription labels, self-adhesive, 27 mm × 27 mm



For self-inscription

Blank

B	3SB39 03-1AA	B	3SB19 06-2AA
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With inscription

On
Off
Start
Emerg. Stop
Hand O Auto
Jog
Man O Auto
Power Off
Power On
Reset
Run
Forward
Reverse
Right
Left
Up
Down
Open
Close
Test
Stop
Man Auto
Off On

B	3SB39 03-1EB		—
B	3SB39 03-1EC		—
B	3SB39 03-1EL		—
B	3SB39 03-1AU		—
B	3SB39 03-1BE		—
B	3SB39 03-1BG		—
B	3SB39 03-1ET		—
B	3SB39 03-1BH		—
B	3SB39 03-1BJ		—
B	3SB39 03-1EM		—
B	3SB39 03-1EX		—
B	3SB39 03-1EF		—
B	3SB39 03-1EG		—
B	3SB39 03-1EH		—
B	3SB39 03-1EJ		—
B	3SB39 03-1ED		—
B	3SB39 03-1EE		—
B	3SB39 03-1EP		—
B	3SB39 03-1EQ		—
B	3SB39 03-1EN		—
B	3SB39 03-1EK		—
B	3SB39 03-1EU		—
B	3SB39 03-1EA		—
B	3SB39 03-1BC		—
B	3SB39 03-1BA		—



With graphic symbol

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O I

B	3SB39 03-1MB		—
B	3SB39 03-1MF		—
B	3SB39 03-1NA		—

With customized inscription

For inscriptions or symbols see "Options"

- Text line(s)
- Text line(s) or symbol with No.
- Any inscription or symbol

B	3SB39 03-1XZ	B	3SB19 06-2XZ
B	K0Y	B	K0Y
B	K1Y, K2Y, K3Y or K5Y	B	K1Y, K2Y, K3Y or K5Y
B	K9Y	B	K9Y

For label holders [see page 10/60](#).

For customized inscriptions [see page 10/54](#).

Push Button Units and Indicator Lights







3SB3, Inscriptions, 22 mm

Name plates

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Inscriptions	DT	Black Order No.	DT	Silver-colored Order No.
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Inscription labels, for snapping on, 17.5 mm x 28 mm

	For self-inscription				
	Blank	B	3SB39 05-1AA	B	3SB19 04-2AA
	With inscription				
	On	B	3SB39 05-1EB	B	3SB19 04-2EB
	Off	B	3SB39 05-1EC	B	3SB19 04-2EC
	Up	B	3SB39 05-1ED		—
	Down	B	3SB39 05-1EE		—
	Forward	B	3SB39 05-1EF	B	—
	Reverse	B	3SB39 05-1EG	B	3SB19 04-2EG
	Right	B	3SB39 05-1EH		—
	Left	B	3SB39 05-1EJ		—
	Open	B	3SB39 05-1EP		—
	Close	B	3SB39 05-1EQ		—
	Stop	B	3SB39 05-1EK	B	3SB19 04-2EK
	Start	B	3SB39 05-1EL	B	3SB19 04-2EL
	Test		—	B	3SB19 04-2EN
	Running	B	3SB39 05-1EV		—
	Fault	B	3SB39 05-1EW	B	3SB19 04-2EW
	Reset		—	B	3SB19 04-2EM
	Stop Start	B	3SB39 05-1BC	B	3SB19 04-2BC
	Hand Auto	B	3SB39 05-1BA	B	3SB19 04-2BA
	Man Auto	B	3SB39 05-1EU	C	3SB19 04-2EU
	Man O Auto		—	B	3SB19 04-2ET
	With graphic symbol				
	O	B	3SB39 05-1MB	B	3SB19 04-2MB
	I	B	3SB39 05-1MC	B	3SB19 04-2MC
	O I	B	3SB39 05-1MF	B	3SB19 04-2MF
	I O II		—	B	3SB19 04-2MG
	1 O 2		—	B	3SB19 04-2MK
		B	3SB39 05-1NA	B	3SB19 04-2NA
		B	3SB39 05-1NJ	B	3SB19 04-2NJ
	With customized inscription				
	For inscriptions or symbols see "Options"		3SB39 05-1XZ		3SB19 04-2XZ
	• Text line(s)	B	K0Y	B	K0Y
	• Text line(s) or symbol with No.	B	K1Y, K2Y, K3Y or K5Y	B	K1Y, K2Y, K3Y or K5Y
	• Any inscription or symbol	B	K9Y	B	K9Y




For label holders [see page 10/60](#).

For customized inscriptions [see page 10/54](#).

Push Button Units and Indicator Lights

3SB3, Incriptions, 22 mm

Name plates

Version	DT	Black	PU (UNIT, SET, M)	PS
		Order No.		
Label holders for inscription labels 12.5 mm × 27 mm				
	For round range, flat	B	3SB39 22-0AV	100 10 units
	For potentiometer drives 3SB10 00-7CH07 ¹⁾	B	3SB39 22-0AS	1 1 unit
	For square range, flat	B	3SB39 42-0AX	100 5 units
3SB39 22-0AV				
Label holders for inscription labels 27 mm × 27 mm				
	For round range, flat	B	3SB39 23-0AV	100 10 units
	For round range, raised	C	3SB39 23-0AX	1 10 units
	For potentiometer drives, flat	B	3SB39 23-0AS	1 1 unit
	For square range, flat	B	3SB39 43-0AX	100 1 unit
3SB39 23-0AV				
Label holders for inscription labels 17.5 mm × 28 mm				
	For round design	▶	3SB39 25-0AV	100 10 units
3SB39 25-0AV				

¹⁾ This label holder can also be used for push buttons with dust covers if the front panel thickness of 3 mm is not exceeded.









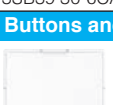


Push Button Units and Indicator Lights

3SB3, Accessories and spare parts, 22 mm

Buttons and lenses

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Selection and ordering data

Version	Color	DT	Order No.	PU (UNIT, SET, M)	PS						
Buttons and lenses for round version¹⁾											
 3SB39 30-0CA6	Buttons, flat for round illuminated push buttons and illuminated switches, plastic version	Red Yellow Green Blue White Clear	B B B B B B	3SB39 30-0CA2 3SB39 30-0CA3 3SB39 30-0CA4 3SB39 30-0CA5 3SB39 30-0CA6 3SB39 30-0CA7	1 1 1 1 1 1	10 units 10 units 10 units 10 units 10 units 10 units					
	 3SB39 30-0EA3	Buttons, flat for round push buttons and switches, metal version	Black Red Yellow Green Blue White Clear	B B B B B B B	3SB39 30-0EA1 3SB39 30-0EA2 3SB39 30-0EA3 3SB39 30-0EA4 3SB39 30-0EA5 3SB39 30-0EA6 3SB39 30-0EA7	1 1 1 1 1 1 1	10 units 10 units 10 units 10 units 10 units 10 units 10 units				
		 3SB39 30-0DA4	Buttons, raised for round illuminated push buttons and illuminated switches, plastic version	Red Green Clear	B B B	3SB39 30-0DA2 3SB39 30-0DA4 3SB39 30-0DA7	1 1 1	10 units 10 units 10 units			
			 3SB39 30-0FA4	Buttons, raised for round push buttons and switches, metal version	Black Red Yellow Green Blue White Clear	D C C C C C C	3SB39 30-0FA1 3SB39 30-0FA2 3SB39 30-0FA3 3SB39 30-0FA4 3SB39 30-0FA5 3SB39 30-0FA6 3SB39 30-0FA7	1 1 1 1 1 1 1	10 units 10 units 10 units 10 units 10 units 10 units 10 units		
				 3SB39 30-0GA3	Buttons, flat for round illuminated push buttons and illuminated switches, metal version	Amber Red Yellow Green Blue White Clear	B B B B B B B	3SB39 30-0GA0 3SB39 30-0GA2 3SB39 30-0GA3 3SB39 30-0GA4 3SB39 30-0GA5 3SB39 30-0GA6 3SB39 30-0GA7	1 1 1 1 1 1 1	10 units 10 units 10 units 10 units 10 units 10 units 10 units	
		 3SB39 30-0HA4			Buttons, flat, solvent-resistant²⁾ for round illuminated push buttons and switches, metal version	Red Yellow Green Blue White Clear	B B B B B B	3SB39 30-0GA20-0PA0 3SB39 30-0GA30-0PA0 3SB39 30-0GA40-0PA0 3SB39 30-0GA50-0PA0 3SB39 30-0GA60-0PA0 3SB39 30-0GA70-0PA0	1 1 1 1 1 1	10 units 10 units 10 units 10 units 10 units 10 units	
					 3SB39 30-0BA3	Buttons, raised for round illuminated push buttons and illuminated switches, metal version	Amber Red Yellow Green Blue White Clear	C C C C C C C	3SB39 30-0HA0 3SB39 30-0HA2 3SB39 30-0HA3 3SB39 30-0HA4 3SB39 30-0HA5 3SB39 30-0HA6 3SB39 30-0HA7	1 1 1 1 1 1 1	10 units 10 units 10 units 10 units 10 units 10 units 10 units
 3SB39 30-6CA3						Lenses, smooth For round indicator lights, plastic and metal version	Amber Red Yellow Green Blue White Clear	C B B B B B B	3SB39 30-6BA0 3SB39 30-6BA2 3SB39 30-6BA3 3SB39 30-6BA4 3SB39 30-6BA5 3SB39 30-6BA6 3SB39 30-6BA7	1 1 1 1 1 1 1	10 units 10 units 10 units 10 units 10 units 10 units 10 units
	 3SB39 50-0CA6					Lenses with concentric rings For round indicator lights, plastic and metal version	Amber Red Yellow Green Blue White Clear	B B B B B B B	3SB39 30-6CA0 3SB39 30-6CA2 3SB39 30-6CA3 3SB39 30-6CA4 3SB39 30-6CA5 3SB39 30-6CA6 3SB39 30-6CA7	1 1 1 1 1 1 1	10 units 10 units 10 units 10 units 10 units 10 units 10 units
						 3SB39 50-6AA2	Buttons, flat For square illuminated push buttons and illuminated switches, plastic version	Red Yellow Green Blue White Clear	B B B B B B	3SB39 50-0CA2 3SB39 50-0CA3 3SB39 50-0CA4 3SB39 50-0CA5 3SB39 50-0CA6 3SB39 50-0CA7	1 1 1 1 1 1
		 3SB39 50-6AA2	Lenses, smooth For square indicator lights, plastic version				Red Yellow Green Blue White Clear	B B B B B B	3SB39 50-6AA2 3SB39 50-6AA3 3SB39 50-6AA4 3SB39 50-6AA5 3SB39 50-6AA6 3SB39 50-6AA7	1 1 1 1 1 1	10 units 10 units 10 units 10 units 10 units 10 units

¹⁾ In scope of supply of push buttons or indicator lights.



²⁾ Not suitable for laser inscription.

Push Button Units and Indicator Lights

3SB3, Accessories and spare parts, 22 mm

Lamps, acoustic signal transformers and keys

Selection and ordering data

Version	Rated voltage	Color	DT	Order No.	PU (UNIT, SET, M)	PS
V						
Lamps, BA 9s bases¹⁾						
 3SB19 02-0AY	Incandescent lamps 1.2 W , length up to 28 mm, max. bulb diameter 10 mm	24 AC/DC	Clear	A	3SB19 02-0AY	1 10 units
	Incandescent lamps 2 W , length up to 28 mm, max. bulb diameter 10 mm	6 AC/DC	Clear	A	52AABN	1 1 units
		12 AC/DC		A	52AACN	1 1 units
		24 AC/DC		A	52AADN1	1 1 units
		30 AC/DC		B	3SB19 02-2AF	1 10 units
		48 AC/DC		B	3SB19 02-1AP	1 10 units
60 AC/DC		A	3SR94 24	1 10 units		
Incandescent lamps 2.6 W , length 28 mm, bulb diameter 10 mm	110 ... 130 AC/DC ²⁾	Clear	▶	3SX1 731	1 10 units	
Incandescent lamps 3 W , length 28 mm, bulb diameter 10 mm	120V #120 MB	Clear	▶	52AAENC	1 1 units	
Multi-incandescent lamps 1.2 W , endurance 25 000 h, high resistance to vibration	24 AC/DC		B	3SB19 02-2BU	1 10 units	
 3SB39 01-1PA	LED lamps, super-bright Length up to 28 mm, max. bulb diameter 10 mm, max. operational current 15 mA	24 V AC/DC	Red	▶	52AED2	1 1 units
		Green	B	▶	52AED3	1 1 units
		Yellow	▶	52AED4	1 1 units	
		White	B	▶	52AEDB	1 1 units
		Blue	▶	52AED5	1 1 units	
	48 AC/DC	Red	B	▶	3SB39 01-1CC	1 10 units
		Yellow	B	▶	3SB39 01-1BC	1 10 units
		Green	B	▶	3SB39 01-1DC	1 10 units
		Blue	B	▶	3SB39 01-1PC	1 10 units
		White	B	▶	3SB39 01-1QC	1 10 units
	120 AC/DC	Red	B	▶	52AEE2	1 1 units
		Green	B	▶	52AEE3	1 1 units
		Yellow	B	▶	52AEE4	1 1 units
		White	B	▶	52AEEB	1 1 units
		Blue	B	▶	52AEE5	1 1 units
	230 AC, 110 ... 160 DC, if X1 at "+"	Red	B	▶	3SB39 01-1CF	1 10 units
		Yellow	B	▶	3SB39 01-1BF	1 10 units
		Green	B	▶	3SB39 01-1DF	1 10 units
		Blue	B	▶	3SB39 01-1PF	1 10 units
		White	B	▶	3SB39 01-1QF	1 10 units
230 AC/DC	Red	B	▶	3SB39 01-1CG	1 10 units	
	Yellow	B	▶	3SB39 01-1BG	1 10 units	
	Green	B	▶	3SB39 01-1DG	1 10 units	
	Blue	B	▶	3SB39 01-1PG	1 10 units	
	White	B	▶	3SB39 01-1QG	1 10 units	
LED lamps Length up to 28 mm, max. bulb diameter 10 mm, max. operational current 15 mA	22 ... 32 DC	Red	D	3SB19 02-4AJ	1 10 units	
	Yellow	D	3SB19 02-4BJ	1 10 units		
	Green	D	3SB19 02-4CJ	1 10 units		
LED lamps, flashing (1.4 Hz) , length up to 28 mm, bulb diameter 10 mm, operational current 24 ... 29 mA	24 DC	Red	B	3SB19 02-4LC	1 10 units	
	Yellow	C	3SB19 02-4MC	1 10 units		
	Green	C	3SB19 02-4NC	1 10 units		
Glow lamps³⁾ length 28 mm, bulb diameter 10 mm, operational current approx. 1.8 mA	110 AC	Clear	A	3SX1 703	1 10 units	
	220 AC	Clear	A	3SX1 701	1 10 units	
	220 AC	Green	C	3SX1 702	1 10 units	
Lamp extractors For lamps with BA 9s base			▶	3SB19 02-2AD	1 1 unit	

¹⁾ Essential accessories when using lamp holders with BA 9s base and delivery without lamp.

²⁾ Also for 230 V when used with a 3SB34 00-1C voltage reducer.







³⁾ Due to the inherent orange color of glow lamps and their lower luminance level compared to incandescent lamps, it is recommended that they should only be used with clear or red screw lenses and in areas where ambient light levels are not very high.

Push Button Units and Indicator Lights

3SB3, Accessories and spare parts, 22 mm


Lamps, acoustic signal transformers and keys

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Version	Rated voltage	Color	DT	Order No.	PU (UNIT, SET, M)	PS
V						
Lamps, Wedge bases¹⁾						
 3SB29 08-1AE	Incandescent lamps	6 AC/DC	Clear	C	3SB29 08-1AA	100 10 units
	Wedge base W2 x 4.6 d, 1.0 W	12 AC/DC		B	3SB29 08-1AB	100 10 units
		24 AC/DC		▶	3SB29 08-1AC	100 10 units
		30 AC/DC		A	3SB29 08-1AD	100 10 units
		48 AC/DC		B	3SB29 08-1AE	1 10 units
		60 AC/DC		B	3SB29 08-1AF	1 10 units
 3SB39 01-1SB	LED lamps, super-bright	24 AC/DC	Red	B	3SB39 01-1SB	1 10 units
	Wedge base W2 x 4.6 d, operational current 10 mA		Yellow	B	3SB39 01-1RB	1 10 units
			Green	B	3SB39 01-1TB	1 10 units
			White	B	3SB39 01-1UB	1 10 units
			Blue	B	3SB29 08-1BD	1 10 units
		 3SB39 01-1VE	28 AC/DC	Red	B	3SB39 01-1SE
	Yellow		B	3SB39 01-1RE	1 10 units	
	Green		B	3SB39 01-1TE	1 10 units	
	White		B	3SB39 01-1UE	1 10 units	
	Blue		D	3SB39 01-1VE	1 10 units	
 3SB29 08-2AB	Lamp extractors			▶	3SB29 08-2AB	1 1 unit
	for lamps with bases W2x 4.6 d					
 3SB19 02-1AU	Lamp adapters			C	3SB19 02-1AU	1 1 unit
	For fitting a lamp with a wedge base socket into a BA 9s lamp holder					
Acoustic signal transformers, BA 9s base						
 3SB19 02-2BN	Acoustic signal transformers	24 ... 28 DC		B	3SB19 02-2BN	1 1 unit
	for acoustic signaling devices ²⁾ operational current 25 mA, 0.6 W, sound pressure 80 dB/10 cm					

¹⁾ Can be used with lamp adapters in lamp holders with BA 9s base.

²⁾ For increased protection, the IP65 acoustic signaling device (complete unit) can be used.

Version	Lock	Color	DT	Order No.	PU (UNIT, SET, M)	PS
Manufacturer	Lock No.					
Keys for actuators¹⁾						
 3SY1 054	RONIS	SB 30	—	B	3SB39 10-4A	1 1 unit
	BKS	S1	—	A	3SY1 066	1 1 unit
	CES	LSG 1	—	B	3SB19 10-2F	1 1 unit
		SSG 10	—	B	3SY1 054	1 1 unit
		SSP 9	—	A	3SY1 052	1 1 unit
	O.M.R.	73038	Light blue	C	3SB19 10-2L	1 1 unit
		73037	Red	B	3SB19 10-2M	1 1 unit
		73034	Black	B	3SB19 10-2N	1 1 unit
		73033	Yellow	D	3SB19 10-2P	1 1 unit








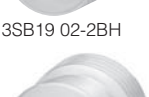

¹⁾ Included in scope of supply of the key-operated switches and the EMERGENCY-STOP mushroom push buttons with key-operated switch. Also available with special lock. Supplement Order No. with "-Z" and quote the required lock in plain text. Additional price on request. This does not include locks for VW and main and general locking systems.

Push Button Units and Indicator Lights

3SB3, Accessories and spare parts, 22 mm

Protective covers

Selection and ordering data

Version	Use	Color	DT	Order No.	PU (UNIT, SET, M)	PS	
Protective caps¹⁾, degree of protection IP67							
<i>Material: elastolan</i>							
	Protective caps For round version	Flat button (plastic)	Clear	B	3SB39 21-0AJ	1	1 unit
		Flat button (metal), raised button (plastic)	Clear	B	3SB39 21-0AM	1	1 unit
		• PVC Raised button (metal)	Clear	C	3SB19 02-2AN	1	1 unit
	Protective caps For square version	Flat button (plastic)	Clear	B	3SB39 41-0AJ	1	1 unit
<i>Material: silicone</i>							
	Protective caps For round version	Flat button (plastic)	Clear	B	3SB39 21-0AH	1	1 unit
		Flat button (metal), raised button (plastic)	Clear	B	3SB19 02-0AK	1	1 unit
		Raised button (metal)	Clear	B	3SB19 02-0AN	1	1 unit
	Protective caps For round version	Selector switch (plastic and metal, normal handle)	Clear	B	3SB39 21-0BA	1	1 unit
	Protective caps For round version	Mushroom push-pull button, Ø 40 mm (plastic and metal)	Clear	B	3SB19 02-2BH	1	1 unit
		EMERGENCY-STOP mushroom pushbutton, Ø 40 mm (plastic and metal)	Clear	B	3SB39 21-0BU	1	1 unit
	Protective caps For square version	Flat button (plastic)	Clear	B	3SB39 41-0AH	1	1 unit

¹⁾ Protective caps are not suitable for use with 3SB38 plastic enclosures.
With 3SB38 metal enclosures, protective caps can only be used with
3SB34 00 single-pole contact blocks for front plate mounting.
Not to be used with label holder.

Push Button Units and Indicator Lights

3SB3, Accessories and spare parts, 22 mm

Protective covers

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Version	Use	Color	DT	Order No.	PU (UNIT, SET, M)	PS
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Other protective caps¹⁾



3SB19 02-0AL



3SB19 02-2AR



3SB39 21-0BT

Sealable caps For round version	Flat button (plastic)	Black	B	3SB19 02-0AL	1	1 unit
	Flat button (metal), raised button (plastic)	Clear	B	3SB19 02-2AR	1	1 unit

Dust covers For use in dusty environments	BKS, CES, O.M.R. key-operated switch	Clear	B	3SB39 21-0BT	1	1 unit
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Protective collars for front plates



3SB39 21-0AX



3SB39 21-0CG



3SB39 21-0AS

Protective collars for EMERGENCY-STOP²⁾ For round version	EMERGENCY-STOP mushroom push button without key-operated switch	Yellow	▶	3SB39 21-0AK	1	1 unit
		Gray	C	3SB39 21-0AP	1	1 unit
	EMERGENCY-STOP mushroom pushbutton with key-operated switch	Yellow	B	3SB39 21-0AX	1	1 unit

Protective collars for EMERGENCY-STOP for 5 padlocks²⁾ For round version	3SB3...-1AA20 EMERGENCY-STOP mushroom push button	Yellow	▶	3SB39 21-0CG	1	1 unit
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Sun collars For round version	Illuminated push buttons	Black	B	3SB39 21-0AS	1	1 unit
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Blanking plugs for spare command points for front plates



3SB39 21-0AA



3SB39 41-0AA



3SB19 02-0AQ

Blanking plugs For round version	Plastic version	Black	▶	3SB39 21-0AA	1	10 units
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Blanking plugs For square version	Plastic version	Black	B	3SB39 41-0AA	1	1 unit
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Blanking plugs (plastic) for round version	Metal version	Alumi- nized	B	3SB19 02-0AQ	1	10 units
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¹⁾ Not suitable for mounting in 3SB38 enclosures.
Not to be used with label holder.










²⁾ The protective collar must only be used to protect against inadvertent actuating and must be fitted to allow unimpeded actuation of the EMERGENCY-STOP mushroom pushbutton.

Push Button Units and Indicator Lights

3SB3, Accessories and spare parts, 22 mm

Miscellaneous accessories

Selection and ordering data

Version	Use	Inscriptions	DT	Order No.	PU (UNIT, SET, M)	PS	
Yellow name plates for EMERGENCY-STOP							
<i>For use on front plates</i>							
	Name plates, round Self-adhesive, external diameter 60 mm, internal diameter 23 mm	EMERGENCY-STOP mushroom push button (round version)	Blank	B	3SB39 21-0DY	1 1 unit	
3SB39 21-0AC	Name plates, round Self-adhesive, external diameter 80 mm, internal diameter 23 mm	EMERGENCY-STOP mushroom push button (round version)	Blank	B	3SB39 21-0AB	1 1 unit	
	Name plates, round Self-adhesive, external diameter 80 mm, cutout 26 mm x 26 mm	EMERGENCY-STOP mushroom push buttons (square version)	EMERGENCY STOP	B	3SB39 21-0AD	1 1 unit	
3SB39 21-0BW	Name plates, round Self-adhesive, external diameter 80 mm, cutout 26 mm x 26 mm	EMERGENCY-STOP mushroom push buttons (square version)	Blank	B	3SB39 41-0AB	1 1 unit	
	Name plates, round 1 mm thick, external diameter 75 mm, internal diameter 22.5 mm	EMERGENCY-STOP mushroom push button (round version)	Blank	B	3SB19 02-2BA	1 1 unit	
3SB39 21-0DA	Name plates, round Self-adhesive, external diameter 60 mm, internal diameter 23 mm ¹⁾	EMERGENCY-STOP mushroom push button (round version)	Blank	B	3SB39 21-0DA	1 1 unit	
	Illuminated, suitable as signaling device for EMERGENCY-STOP, with plug-in connection for 24 V AC/DC ²⁾	EMERGENCY STOP	EMERGENCY STOP	B	3SB39 21-0DD	1 1 unit	
Inscription labels							
	Inscription labels For supporting dust resistance	Contact blocks		B	3SB39 01-0CH	100 10 units	
3SB39 01-0CH	Unit labeling plates	Contact blocks		B	3TX4 210-0H	100 100 units	
							
3TX4 210-0H	Lockouts						
	Locking cover	Prevents access to pushbuttons, knob type selector switches and will work with both metal and plastic devices			3SB39 21-0BS	1 1 unit	
3SB3921-0BS	Lockout	for metal flush pushbutton for metal extended pushbutton for metal mushroom cap (40 mm) pushbutton			3SB39 21-0BG 3SB39 21-0BH 3SB39 21-0BJ	1 1 unit 1 1 unit 1 1 unit	
							
3SB3921-0BG	2 Position Selector Switch Lockouts³⁾	Lock in left position Lock in right position			3SB39 21-0BK 3SB39 21-0BL	1 1 unit 1 1 unit	
							
3SB3921-0BK	3 Position Selector Switch Lockouts³⁾	Lock in left position Lock in center position Lock in right position Lock out -left position only Lock out -right position only			3SB39 21-0BM 3SB39 21-0BN 3SB39 21-0BP 3SB39 21-0BQ 3SB39 21-0BR	1 1 unit 1 1 unit 1 1 unit 1 1 unit 1 1 unit	
							
3SB3921-0BN							

1) For front panel thickness of max. 4 mm.

2) The illuminated label can also be operated through the AS-Interface F adapter (see page 10/79).

3) For metal devices only.

Push Button Units and Indicator Lights

3SB3, Accessories and spare parts, 22 mm

Miscellaneous accessories

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Version	Use	DT	Order No.	PU (UNIT, SET, M)	PS
Holders and pressure plates					
 3SB39 01-0AB	Holders For snapping on 3 blocks ¹⁾	▶	3SB39 01-0AB	100	20 units
 3SB39 01-0AC	Holders with pressure plate For actuating the central contact block of 3 contact blocks ²⁾	▶	3SB39 01-0AC	100	10 units
 3SB39 01-0AW	Pressure plates For actuating the central contact block of 3 contact blocks ²⁾	B	3SB39 01-0AW	100	10 units
Holders for commanding and signaling elements³⁾					
 3SB39 31-0AA	Holders For plastic version, round	▶	3SB39 31-0AA	1	10 units
 3SB39 51-0AA	Holders For plastic version, square	B	3SB39 51-0AA	1	1 unit
 3SB39 31-0AC	Holders For metal version, round	▶	3SB39 31-0AC	1	10 units
 3SB39 21-0BD	Grounding screws For grounding metal actuators for fitting in front plates made of non-conducting materials	B	3SB39 21-0BD	100	50 units
	Bolt for enclosure Ring nut wrench		3SB39 31-0AB		
Guards					
 3SB3921-0BE	Pushbutton Guard		3SB39 21-0BE	1	1 unit
 3SB3921-0BF	Guard		3SB39 21-0BF	1	1 unit





1) The holder for illuminated commanding devices is included in the scope of supply.
2) The pressure plates can be removed one by one to meet individual requirements.

3) The matching holder for actuators and indicators is included in the scope of supply (exception: Order with order code "B01").

Push Button Units and Indicator Lights

3SB3, Accessories and spare parts, 22 mm

Miscellaneous accessories

Version	Use	Color	DT	Order No.	PU (UNIT, SET, M)	PS
Tools						
	Blanking tools 26 mm × 26 mm, for square version		B	3SB39 41-0AF	1	1 unit
3SB39 41-0AF						
	Hole drilling templates for 30 mm × 30 mm grid, horizontal, for round and square versions		C	3SB19 02-2BG	1	1 unit
3SB19 02-2BG						
	Mounting tools For buttons and lenses, metal version		B	3SB39 21-0BC	1	1 unit
3SB39 21-0BC						
	Mounting tools For potentiometer drives and for push buttons with extended stroke		C	3SX1 707	1	1 unit
3SX1 707						
	Dismantling tools For contact blocks and lamp holders	Blocks with screw terminals	B	3SB39 01-0CB	1	1 unit
3SB39 01-0CB						
	Dismantling tools For contact blocks and lamp holders	With spring-type terminals	C	3SB39 01-0CG	1	1 unit
3SB39 01-0CG						
Various accessories						
	Single frames For square design of the round version	Black	C	3SB39 21-0AU	1	1 unit
3SB39 21-0AU						
	Adapter parts Adapters for 30.5 mm mounting hole, comprising a metal disk with an adhe- sive layer on one side, degree of protection IP65	As thrust ring for a thin molded- plastic front plate	B	3SB39 21-0AE	1	1 unit
3SB39 21-0AE						
	Printed circuit board holders For mounting the command devices on the printed circuit board (screw is included in the scope of supply)	Contact blocks and lamp hold- ers for solder connection	B	3SB39 01-0AA	100	10 units
3SB39 01-0AA						
	Extension plungers For compensation of the distance between a push button and the unlatch- ing button of an overload relay	Push buttons with extended stroke	A	3SX1 335	1	1 unit
3SX1 335						

Overview



Enclosures with standard and customized equipment

Enclosed push buttons and indicator lights are used as hand operated control devices for separately allocated control units and cabinets.

Enclosures with handle are available for suspension (e.g. for crane control units).

The enclosed push buttons and indicator lights are available with conventional controls as well as for connection to the AS-Interface bus system.

The following versions are available:

- Enclosures with standard fittings with 1 to 3 command points
- Enclosures with customized equipment with 1 to 6 command points
- Empty enclosures (individual parts must be ordered separately)

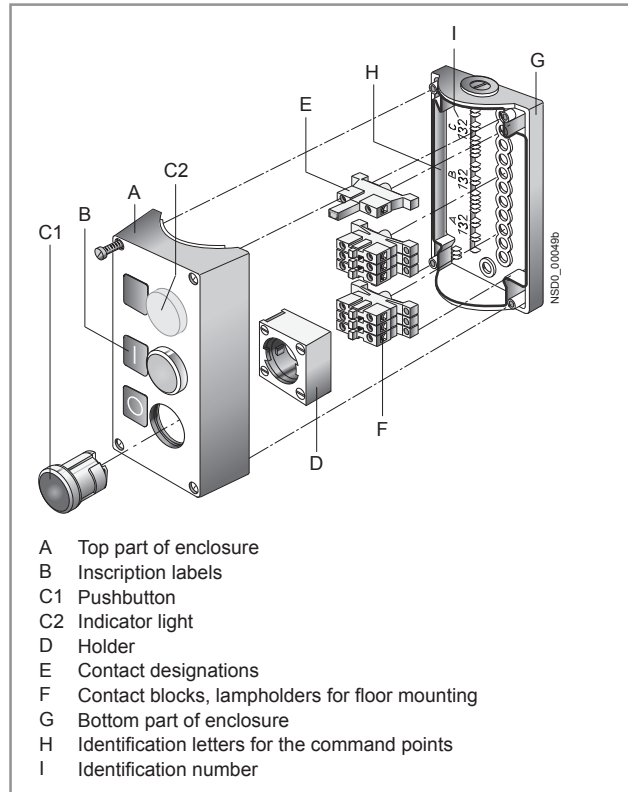
Customer-specific enclosures

On request enclosures with more than 6 command points can also be supplied with AS-Interface connection.

Use the configurator for selection.

For AS-Interface enclosures [see page 10/78](#).

Enclosures with standard fittings



- A Top part of enclosure
- B Inscription labels
- C1 Pushbutton
- C2 Indicator light
- D Holder
- E Contact designations
- F Contact blocks, lampholders for floor mounting
- G Bottom part of enclosure
- H Identification letters for the command points
- I Identification number

Standards

IEC 60947-5-1, EN 60947-5-1

Application

The devices are climate-proof (KTW 24) according to EN ISO 6270-2 and suitable for stationary use (weather-protected) and for use in marine applications.

Technical specifications

Type	3SB38 0.-0, 3SB38 0.-1	3SB38 0.-2, 3SB38 0.-3
Enclosures		
Enclosure material	Plastic	Metal
Actuators and indicators	Plastic, round	Metal, round
Degree of protection acc. to IEC 60529	IP65	IP67 and NEMA Type 4
Climatic withstand capability according to EN ISO 6270-2	KTW 24	
Shock resistance according to IEC 60068-2-27 for half-sine shock type, 11 ms shock duration		
• Devices without incandescent lamp	≤ 50 g	
• Devices with incandescent lamp	≤ 30 g	
Vibration resistance acc. to IEC 60068-2-6		
• Acceleration at frequency 20 ... 200 Hz	5 g	

Push Button Units and Indicator Lights

3SB3, Enclosures, 22 mm

Enclosures with standard fittings

Overview

Enclosures with standard fittings are available with:

- 1 to 3 command points
- Operational voltage up to 400 V
- Vertical mounting type
- Plastic enclosures are equipped with plastic actuators and indicators, metal enclosures are equipped with metal actuators and indicators
- Contact blocks and lamp holders for base mounting (are snapped into the enclosure base); screw terminals (box terminals) as standard; some versions also with spring-type terminals (Order No. ends with -0CC0)



Color of enclosure cover:

- Gray, RAL 7035
- Yellow, RAL 1004

Color of enclosure base:

- Black, RAL 9005

Selection and ordering data

Equipment	Contact block function	Number of command points	DT	Screw terminals	PU (UNIT, SET, M)	PS
						
						
Order No.						

Plastic enclosures with standard fittings





Cable entry top and bottom each 1 x M20



A = Pushbutton green, label "I"	1 NO	1	B	3SB38 01-0DA3	1	1 unit
A = Pushbutton red, label "O"	1 NC	1	B	3SB38 01-0DB3	1	1 unit
A = Pushbutton white, label "I"	1 NO	1	B	3SB38 01-0DD3	1	1 unit
A = Pushbutton black, label "O"	1 NC	1	B	3SB38 01-0DE3	1	1 unit



A = EMERGENCY-STOP mushroom pushbutton, Ø 40 mm, with positive latching according to ISO 13850 and rotate-to-unlatch mechanism

• With yellow top part, without protective collar	1 NC 	1	B	3SB38 01-0DG3	1	1 unit
	2 NC 	1	B	3SB38 01-0EG3	1	1 unit
• With yellow top part, with protective collar ¹⁾	1 NC 	1	B	3SB38 01-0DF3	1	1 unit
	2 NC 	1	B	3SB38 01-0EF3	1	1 unit




B = Pushbutton green, label "I"	1 NO,	2	B	3SB38 02-0DA3	1	1 unit
A = Pushbutton red, label "O"	1 NC					
B = Pushbutton white, label "I"	1 NO,	2	B	3SB38 02-0DB3	1	1 unit
A = Pushbutton black, label "O"	1 NC					



C = Indicator light clear, label without inscription,	BA 9s ²⁾ ,	3	B	3SB38 03-0DA3	1	1 unit
B = Pushbutton green, label "I",	1 NO,					
A = Pushbutton red, label "O"	1 NC					
C = Pushbutton black, label "II"	1 NO,	3	C	3SB38 03-0DB3	1	1 unit
B = Pushbutton black, label "I",	1 NO,					
A = Pushbutton red, label "O"	1 NC					
C = Indicator light clear, label without inscription,	BA 9s ²⁾ ,	3	C	3SB38 03-0DC3	1	1 unit
B = Pushbutton white, label "I",	1 NO,					
A = Pushbutton black, label "O"	1 NC					

 For online configurator see www.siemens.com/sirius/configurators.

 Positive opening according to IEC 60947-5-1, Appendix K.

¹⁾ The protective collar must only be used to protect against inadvertent actuating and must be fitted to allow unimpeded access to the EMERGENCY-STOP mushroom pushbutton.

²⁾ Only lamp holder; order lamp separately.

Push Button Units and Indicator Lights







3SB3, Enclosures, 22 mm

Enclosures with standard fittings

Equipment	Contact block function	Number of command points	DT	Screw terminals	⊕	PU (UNIT, SET, M)	PS
				Spring-type terminals ³⁾	∞		
				Configurator	⚙️		
				Order No.			

Metal enclosures with standard fittings

Cable entry top and bottom each 1 x M20

	A = Pushbutton green, label "I"	1 NO	1	B	3SB38 01-2DA3	1	1 unit
	A = Pushbutton red, label "O"	1 NC	1	B	3SB38 01-2DB3	1	1 unit
	A = Pushbutton white, label "I"	1 NO	1	B	3SB38 01-2DD3	1	1 unit
	A = Pushbutton black, label "O"	1 NC	1	B	3SB38 01-2DE3	1	1 unit
	A = EMERGENCY-STOP mushroom pushbutton, Ø 40 mm, with positive latching according to ISO 13850 and rotate-to-unlatch mechanism						
	• With yellow top part, without protective collar	1 NC ⊕	1	B	3SB38 01-2DG3	1	1 unit
		2 NC ⊕	1	B	3SB38 01-2EG3	1	1 unit
	- With M12 socket	2 NC ⊕ ²⁾	1	C	3SB38 01-2EG10-0CC0	1	1 unit
	• With yellow top part, with protective collar ¹⁾	1 NC ⊕	1	B	3SB38 01-2DF3	1	1 unit
		2 NC ⊕	1	B	3SB38 01-2EF3	1	1 unit
	A = EMERGENCY-STOP mushroom pushbutton, Ø 60 mm, with positive latching according to ISO 13850 and rotate-to-unlatch mechanism						
	• With yellow top part, with protective collar for 5 padlocks	2 NC ⊕	1	B	3SB38 01-2EA30	1	1 unit
		2 NC ⊕ ²⁾	1	B	3SB38 01-2EA30-0CC0	1	1 unit
	A = mushroom pushbutton, Ø 60 mm, black, with positive latching and rotate-to-unlatch mechanism						
	• With gray top part, with protective collar for 5 padlocks	2 NC ²⁾	1	B	3SB38 01-2EB30-0CC0	1	1 unit
	B = Pushbutton green, label "I"	1 NO,	2	B	3SB38 02-2DA3	1	1 unit
	A = Pushbutton red, label "O"	1 NC					
	B = Pushbutton white, label "I"	1 NO,	2	B	3SB38 02-2DB3	1	1 unit
	A = Pushbutton black, label "O"	1 NC					
	C = Indicator light clear, label without inscription,	BA 9s ³⁾ ,	3	B	3SB38 03-2DA3	1	1 unit
	B = Pushbutton green, label "I",	1 NO,					
	A = Pushbutton red, label "O"	1 NC					
	C = Pushbutton black, label "II"	1 NO,	3	B	3SB38 03-2DB3	1	1 unit
	B = Pushbutton black, label "I",	1 NO,					
	A = Pushbutton red, label "O"	1 NC					
	C = Indicator light clear, label without inscription,	BA 9s ³⁾ ,	3	B	3SB38 03-2DC3	1	1 unit
	B = Pushbutton white, label "I",	1 NO,					
	A = Pushbutton black, label "O"	1 NC					

⚙️ For online configurator see www.siemens.com/sirius/configurators.

⊕ Positive opening according to IEC 60947-5-1, Appendix K.

¹⁾ The protective collar must only be used to protect against inadvertent actuating and must be fitted to allow unimpeded access to the EMERGENCY-STOP mushroom pushbutton.

²⁾ -0CC0: Contact blocks with spring-type terminals.


³⁾ Only lamp holder; order lamp separately.

Push Button Units and Indicator Lights

3SB3, Enclosures, 22 mm

Empty enclosures

Selection and ordering data

Version	Number of command points	DT	Configurator 	PU (UNIT, SET, M)	PS
			Order No.		

Empty enclosures, plastic



3SB38 02-0AA3

Cable entry top and bottom each 1 x M20 for 1 to 3 command points, each 1 x M25 for 4 and 6 command points

For contact blocks, lamp holders and accessories with snap-on base mounting, also single-pole front plate blocks can be used (switching state is maintained upon opening), with gray top part

1	B	3SB38 01-0AA3	1	1 unit
2	B	3SB38 02-0AA3	1	1 unit
3	B	3SB38 03-0AA3	1	1 unit
4	B	3SB38 04-0AA3	1	1 unit
6	B	3SB38 06-0AA3	1	1 unit



3SB38 01-0AB3

For EMERGENCY-STOP, for contact blocks, lamp holders and accessories with snap-on base mounting, also single-pole front plate blocks can be used (switching state is maintained upon opening)

1	B	3SB38 01-0AB3	1	1 unit
1	B	3SB38 01-0AD3	1	1 unit

• With yellow top part, without protective collar

• With yellow top part, with protective collar¹⁾

Empty enclosures, metal



3SB38 04-2AA3

Cable entry top and bottom each 1 x M20 for 1 to 3 command points, each 1 x M25 for 4 and 6 command points

For contact blocks, lamp holders and accessories with snap-on base mounting, also single-pole front plate blocks can be used (switching state is maintained upon opening), with gray top part

1	B	3SB38 01-2AA3	1	1 unit
2	B	3SB38 02-2AA3	1	1 unit
3	B	3SB38 03-2AA3	1	1 unit
4	B	3SB38 04-2AA3	1	1 unit
6	B	3SB38 06-2AA3	1	1 unit



3SB38 01-2AB3

For EMERGENCY-STOP, for contact blocks, lamp holders and accessories with snap-on base mounting, also single-pole front plate blocks can be used (switching state is maintained upon opening)

1	B	3SB38 01-2AB3	1	1 unit
1	B	3SB38 01-2AD3	1	1 unit

• With yellow top part, without protective collar

• With yellow top part, with protective collar¹⁾



3SB38 01-2AD3

1	B	3SB38 01-2AE3	1	1 unit
---	---	----------------------	---	--------

• With gray top part, with protective collar

1	B	3SB38 01-2EC3	1	1 unit
---	---	----------------------	---	--------

• With yellow top part, with protective collar for 3 padlocks, for mushroom Ø 40 mm, can be locked (BKS, CES, O.M.R.)



3SB38 01-2EC3

 For online configurator see www.siemens.com/sirius/configurators.

¹⁾ The protective collar must only be used to protect against inadvertent actuating and must be fitted to allow unimpeded access to the EMERGENCY-STOP mushroom pushbutton.

Push Button Units and Indicator Lights

3SB3, Enclosures, 22 mm

Customized enclosures

1
2
3
4
5
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7
8
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10

Overview

Customized enclosures are available with:

- 1 to 6 command points
- Operational voltage up to 400 V

One command point comprises:

- 1 actuator or indicator
- Up to 3 contact blocks or up to 2 contact blocks + 1 lamp holder
- 1 inscription label

For plastic enclosures the command points are equipped as standard with plastic actuators and indicators, for metal enclosures they are equipped with metal actuators and indicators.

For cable entry in each case, a hole is provided at the top and bottom:

- For M20 for 1 to 3 command points
- For M25 for 4 and 6 command points

Ordering notes (selection by configurator)

To order customized enclosures with the 3SB3 control devices (except suspended push buttons), use the 3SB3/3SF5 configurator to select the blocks for equipping. An electronic order form will be generated for the additional options. The configurator is available in the electronic catalog CA 01 on DVD or in the online catalog (Mall) on the Internet:

www.siemens.com/industry/mall

Supplement the Order No. with the order code "KOY" (as already listed in the selection table).


The list price of the complete enclosure is generated in the configurator for the customized equipment.

Please send the resulting electronic order form along with your order by e-mail to our Competence Center at

sirius-attach.aud@siemens.com

If you are unable to access either catalog, please contact our Technical Assistance.

Selection and ordering data

Version	Number of command points	DT	Configurator 	PU (UNIT, SET, M)	PS
			Order No.		

Plastic enclosures



3SB38 03-.AZ

With contact blocks and lamp holders for base mounting	1	C	3SB38 01-0AZK0Y	1	1 unit
	2	C	3SB38 02-0AZK0Y	1	1 unit
	3	C	3SB38 03-0AZK0Y	1	1 unit
	4	B	3SB38 04-0AZK0Y	1	1 unit
	6	B	3SB38 06-0AZK0Y	1	1 unit
	With single-pole contact blocks and lamp holders for front plate mounting	1	C	3SB38 01-1AZK0Y	1
2		C	3SB38 02-1AZK0Y	1	1 unit
3		C	3SB38 03-1AZK0Y	1	1 unit
4		B	3SB38 04-1AZK0Y	1	1 unit
6		B	3SB38 06-1AZK0Y	1	1 unit

Metal enclosures



3SB38 03-.AZ

With contact blocks and lamp holders for base mounting	1	C	3SB38 01-2AZK0Y	1	1 unit
	2	C	3SB38 02-2AZK0Y	1	1 unit
	3	C	3SB38 03-2AZK0Y	1	1 unit
	4	C	3SB38 04-2AZK0Y	1	1 unit
	6	C	3SB38 06-2AZK0Y	1	1 unit
	With single-pole contact blocks and lamp holders for front plate mounting	1	C	3SB38 01-3AZK0Y	1
2		C	3SB38 02-3AZK0Y	1	1 unit
3		C	3SB38 03-3AZK0Y	1	1 unit
4		C	3SB38 04-3AZK0Y	1	1 unit
6		C	3SB38 06-3AZK0Y	1	1 unit

 For online configurator see www.siemens.com/sirius/configurators.


Push Button Units and Indicator Lights

3SB3, Enclosures, 22 mm



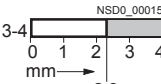


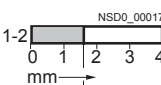
Contact blocks and lamp holders


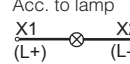
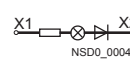
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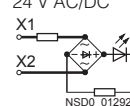
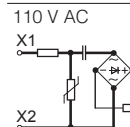
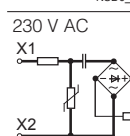
For self-equiping of the enclosures


Version	Rated voltage/ Diagram	Operating travel/color <input type="checkbox"/> Contact closed <input type="checkbox"/> Contact open	DT	Screw terminals 	PU (UNIT, SET, M)	PS
				Order No.		


Contact blocks for base mounting

Contact blocks with one contact						
	1 NO			▶	3SB34 20-0B	1 1 unit
	1 NO with gold-plated contacts			B	3SB34 20-0BA	1 1 unit
	1 NC			▶	3SB34 20-0C	1 1 unit
	1 NC with gold-plated contacts			C	3SB34 20-0CA	1 1 unit

BA 9s lamp holders						
	Without lamp	Acc. to lamp 		▶	3SB34 20-1A	1 1 unit
	With integrated voltage reducer and with 130 V lamp (3SX1 731) ¹⁾	230/240 V AC 	Clear	B	3SB34 20-1C	1 1 unit

Lamp holders with integrated LED						
	24 V AC/DC		Yellow Red Green Blue White	B ▶ ▶ B ▶	3SB34 20-1PA 3SB34 20-1PB 3SB34 20-1PC 3SB34 20-1PD 3SB34 20-1PE	1 1 unit 1 1 unit 1 1 unit 1 1 unit 1 1 unit
	110 V AC		Yellow Red Green Blue White	B B B D B	3SB34 20-1QA 3SB34 20-1QB 3SB34 20-1QC 3SB34 20-1QD 3SB34 20-1QE	1 1 unit 1 1 unit 1 1 unit 1 1 unit 1 1 unit
	230 V AC		Yellow Red Green Blue White	B B B B B	3SB34 20-1RA 3SB34 20-1RB 3SB34 20-1RC 3SB34 20-1RD 3SB34 20-1RE	1 1 unit 1 1 unit 1 1 unit 1 1 unit 1 1 unit

Fixpoint terminals						
			Black	B	3SB39 01-0AG	1 1 unit
			Blue	B	3SB39 01-0AH	1 1 unit
			Green/Yellow	B	3SB39 01-0AJ	1 1 unit

 Positive opening according to IEC 60947-5-1, Appendix K.


¹⁾ Only use with this lamp.

Push Button Units and Indicator Lights

3SB3, Enclosures, 22 mm

Contact blocks and lamp holders

1
2
3
4
5
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Version	Rated voltage/ Diagram	Operating travel/color <input type="checkbox"/> Contact closed <input type="checkbox"/> Contact open	DT	Spring-type terminals 	PU (UNIT, SET, M)	PS
				Order No.		

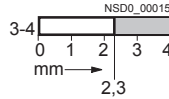
Contact blocks for base mounting



3SB34 23-0B

Contact blocks with one contact

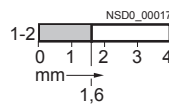
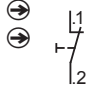
1 NO
1 NO with
gold-plated contacts



B **3SB34 23-0B**
D **3SB34 23-0BA**

1 1 unit
1 1 unit

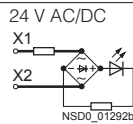
1 NC
1 NC with
gold-plated contacts



B **3SB34 23-0C**
B **3SB34 23-0CA**

1 1 unit
1 1 unit

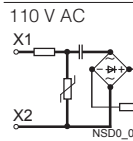
Lamp holders with integrated LED



Yellow
Red
Green
Blue
White

B **3SB34 23-1PA**
B **3SB34 23-1PB**
B **3SB34 23-1PC**
B **3SB34 23-1PD**
B **3SB34 23-1PE**

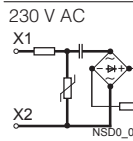
1 1 unit
1 1 unit
1 1 unit
1 1 unit
1 1 unit



Yellow
Red
Green
Blue
White

B **3SB34 23-1QA**
D **3SB34 23-1QB**
D **3SB34 23-1QC**
D **3SB34 23-1QD**
D **3SB34 23-1QE**

1 1 unit
1 1 unit
1 1 unit
1 1 unit
1 1 unit



Yellow
Red
Green
Blue
White

D **3SB34 23-1RA**
B **3SB34 23-1RB**
B **3SB34 23-1RC**
B **3SB34 23-1RD**
B **3SB34 23-1RE**

1 1 unit
1 1 unit
1 1 unit
1 1 unit
1 1 unit

Fixpoint terminals

Black
Blue
Green/Yellow

B **3SB34 23-2F**
B **3SB34 23-2G**
B **3SB34 23-2H**

1 1 unit
1 1 unit
1 1 unit



3SB34 23-2G

↻ Positive opening according to IEC 60947-5-1, Appendix K.

Version	DT	Order No.	PU (UNIT, SET, M)	PS

Accessories



3SB39 01-0AW

Pressure plates for selector switches and key-operated switches
For actuating the central contact block of 3 contact blocks

B **3SB39 01-0AW**

100 10 units

Push Button Units and Indicator Lights

3SB3, Enclosures, 22 mm

Inscription labels for enclosures

Overview

Inscription labels

The inscription labels (black with white inscription or silver-colored with black print) have an adhesive layer on the back. The size of the labels is 22 mm x 22 mm.

Inscriptions

The inscriptions have upper case initial letters. The typeface is Arial. Graphic symbols, including those not listed in the catalog, are according to ISO 7000 or IEC 60417 (see page 10/77).

Selection and ordering data

Inscriptions	DT	Black Order No.	DT	Silver-colored Order No.
Inscription labels, self-adhesive, 22 mm x 22 mm				
<i>For self-inscription</i>				
Blank	B	3SB39 06-1AA	B	3SB19 01-3AA
<i>With inscription</i>				
On	B	3SB39 06-1EB	B	3SB19 01-3EB
Off	B	3SB39 06-1EC	B	3SB19 01-3EC
Up	B	3SB39 06-1ED	B	3SB19 01-3ED
Down	B	3SB39 06-1EE	B	3SB19 01-3EE
Open	B	3SB39 06-1EP	B	3SB19 01-3EP
Close	B	3SB39 06-1EQ	B	3SB19 01-3EQ
Forward	B	3SB39 06-1EF	B	3SB19 01-3EF
Reverse	B	3SB39 06-1EG	B	3SB19 01-3EG
Right	B	3SB39 06-1EH		—
Left	B	3SB39 06-1EJ		—
Fast	B	3SB39 06-1ER		—
Slow	B	3SB39 06-1ES		—
Running	B	3SB39 06-1EV	B	3SB19 01-3EV
Fault	B	3SB39 06-1EW		—
Operation	B	3SB39 06-1AP		—
Start	B	3SB39 06-1EL	B	3SB19 01-3EL
Reset	B	3SB39 06-1EM	B	3SB19 01-3EM
Test	B	3SB39 06-1EN	B	3SB19 01-3EN
Stop	B	3SB39 06-1EK	B	3SB19 01-3EK
EMERGENCY STOP	B	3SB39 06-1EY	B	3SB19 01-3EY
<i>Equipment</i>				
Fan	B	3SB39 06-1CA		—
Pump	B	3SB39 06-1CB		—
Cooling	B	3SB39 06-1CC		—
Heating	B	3SB39 06-1CD		—
Lighting	B	3SB39 06-1CE		—
Filter	B	3SB39 06-1CF		—
Motor	B	3SB39 06-1CG		—
Compressor	B	3SB39 06-1CH		—
<i>With graphic symbol</i>				
O	B	3SB39 06-1MB	B	3SB19 01-3MB
I	B	3SB39 06-1MC	B	3SB19 01-3MC
II	B	3SB39 06-1MD	B	3SB19 01-3MD
III	B	3SB39 06-1ME	B	3SB19 01-3ME
O I (horizontal)	B	3SB39 06-1MF	B	3SB19 01-3MF
I O II (horizontal)	B	3SB39 06-1MG	B	3SB19 01-3MG
I O (vertical)	B	3SB39 06-1MH	B	3SB19 01-3MH
II O I (vertical)	B	3SB39 06-1MW	C	3SB19 01-3MW
	B	3SB39 06-1NA	B	3SB19 01-3NA
Inscription labels, self-adhesive, 22 mm x 22 mm				
<i>With customized inscription</i>				
For inscriptions or symbols see "Options"		3SB39 06-0XZ		3SB19 01-3XZ
• Text line(s)	B	K0Y	B	K0Y
• Text line(s) or symbol with No.	B	K1Y, K2Y, K3Y or K5Y	B	K1Y, K2Y, K3Y or K5Y
• Any inscription or symbol	B	K9Y	B	K9Y

For customized inscriptions see page 10/54.











Push Button Units and Indicator Lights

3SB3, Enclosures, 22 mm

Accessories for enclosures

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Selection and ordering data

Version	Color/ inscription	DT	Order No.	PU (UNIT, SET, M)	PS
Blanking plugs for spare command points					
 3SB39 21-0AA	Blanking plugs For plastic version, round	Black	▶ 3SB39 21-0AA	1	10 units
 3SB19 02-0AQ	Blanking plugs (plastic) For metal version, round	Aluminized	B 3SB19 02-0AQ	1	10 units
Holders and pressure plates					
 3SB39 01-0AB	Holders for push buttons and switches For snapping on 3 blocks, ¹⁾ for front plate mounting		▶ 3SB39 01-0AB	100	20 units
 3SB39 01-0AC	Holders for selector switches and key-operated switches with pressure plate For actuating a central contact block, for front plate mounting ²⁾		▶ 3SB39 01-0AC	100	10 units
 3SB39 01-0AW	Pressure plates for selector switches and key-operated switches For actuating a central contact block, for base mounting ²⁾		B 3SB39 01-0AW	100	10 units
Accessories for enclosures					
	Yellow name plates As backing plate for EMERGENCY-STOP, self-adhesive	Without inscription	D 3SB19 02-1AQ	1	1 unit
		With recess for inscription label	B 3SB39 21-0BV	1	1 unit
 3SB39 01-0CK	Cable gland includes hexagonal nut	• M20	B 3SB39 01-0CK	1	1 unit
		• M25	B 3SB39 01-0CM	1	1 unit
		• Pg 16	B 3SB39 01-0AK	1	1 unit
		• Pg 22	B 3SB39 01-0AM	1	1 unit
 3SB39 01-0CL	Hexagonal nuts For cable glands	• M25	B 3SB39 01-0CL	100	10 units
		• M20	B 3SB39 01-0CN	100	10 units
		• Pg 16	B 3SB39 01-0AL	100	10 units
		• Pg 22	B 3SB39 01-0AN	100	10 units
 3SB39 01-0CS	Connecting pieces For connecting 2 plastic enclosures	• M20/M20	B 3SB39 01-0CS	1	1 unit
		• M20/M25 ³⁾	B 3SB39 01-0CT	1	1 unit
		• M25/M25	B 3SB39 01-0CU	1	1 unit
 3SB39 01-0CP	Connecting pieces For connecting 2 metal enclosures	• M20/M20	B 3SB39 01-0CP	1	1 unit
		• M20/M25	B 3SB39 01-0CQ	1	1 unit
	Pg 16 terminal for AS interface cable suitable receptacles: crimp snap-in contacts 0.2–0.56 mm ²		B 3SB39 01-0AF	1	1 unit

¹⁾ The holder for illuminated commanding devices is included in the scope of supply.

²⁾ The pressure plates can be removed one by one to meet individual requirements.

³⁾ Not suitable for plastic enclosures with 6 command points.

Push Button Units and Indicator Lights

3SB3, Enclosures for AS-Interface, 22 mm

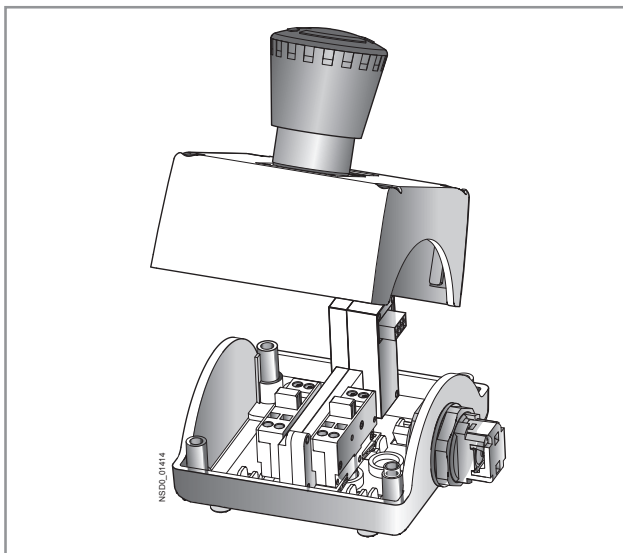
General data

Overview



AS-Interface enclosure with customized equipment

Distributed command devices of the 3SB3 series can be quickly connected to the AS-Interface using AS-Interface enclosures. Using suitable components you can make your own enclosures with integrated AS-Interface or flexibly modify existing enclosures.



EMERGENCY-STOP enclosure

Enclosures

Color of enclosure cover:

- Gray, RAL 7035, or
- Yellow, RAL 1004, for EMERGENCY-STOP.

Color of enclosure base:

- Black, RAL 9005

Installation of AS-Interface slaves

The following slave types are available for connecting the command points:

- Slave in A/B technology with 4 inputs and 3 outputs
- Slave with 4 inputs and 4 outputs
- F Slave with two secure inputs for EMERGENCY-STOP mushroom pushbutton

The following table shows the maximum number of equippable slaves:

Enclosures for	Number of slaves for enclosures without EMERGENCY-STOP	Number of slaves for enclosures with EMERGENCY-STOP
1 command point	Not available	1 x F slave
2 command points	1 x slave 4I/4O or 4I/3O	Not available
3 command points	1 x slave 4I/4O or 4I/3O	1 x slave 4I/4O or 4I/3O + 1 x F slave
4 command points	2 x slave 4I/4O or 4I/3O ¹⁾	2 x slave 4I/4O or 4I/3O + 1 x F slave ¹⁾
6 command points	2 x slave 4I/4O or 4I/3O	2 x slave 4I/4O or 4I/3O + 1 x F slave

¹⁾ For metal enclosures with 4 command points, only 1 x slave 4I/4O or 4I/3O is possible.

Connection

One set of links is required in each case to connect a slave to contact blocks, to lamp holders and to the connection element.

The connection elements are mounted in the front-end cable glands and are used for connection of the AS-Interface or for bringing unused inputs or outputs out of the enclosure.

For connection to AS-Interface it can be selected between:

- Terminal for shaped AS-Interface cable. The cable is contacted by the insulation piercing method and routed past the enclosure on the outside (possible only with plastic enclosure).
- Cable gland for the shaped AS-Interface cable or round cable. The cable is routed into the enclosure (preferable for metal enclosure).
- Connection using M12 plug.

If less than all inputs/outputs of the installed slaves in an enclosure are used for connecting the command devices, free inputs and outputs can be routed on request to the outside through an M12 socket on the top or bottom side of the enclosure.

To supply inputs with power, the S+ connection of the slave must be assigned to the socket, for outputs the OUT- connection must be assigned.

Addressing is performed using the AS-Interface connections or the integrated addressing socket. An external power supply is not required.

Customized enclosures (selection by configurator)

To order customized 3SF58 AS-Interface enclosures with the 3SB3 control devices, use the 3SB3/3SF5 configurator to select the blocks for equipping. An electronic order form will be generated for the additional options.

For related ordering notes see page 10/73

Push Button Units and Indicator Lights

3SB3, Components for Actuators and Indicators, 22 mm

AS-Interface F adapters for EMERGENCY-STOP devices

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Overview



EMERGENCY-STOP mushroom push button with F adapter for bus connection

The AS-Interface F adapter is used to connect an EMERGENCY-STOP device according to ISO 13850 from the 3SB3 series to the AS-Interface bus system. The F adapter is suitable for control devices with mounting on front plates.

The F adapter has a safe AS-Interface 2I slave and is snapped from behind onto the EMERGENCY-STOP mushroom push button. In the 2I/1O expanded version, an output is also available for actuating an indicator light with LED.

Depending on the version, screw terminals or spring-type terminals or the insulation piercing method are used for connecting to the AS-Interface bus cable. Addressing is performed using the AS-Interface connection or the integrated addressing socket.

Safety category 4 (SIL 3) is achieved with the adapter.

Selection and ordering data

Version	DT	Screw terminals	PS
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Order No.



3SF5 402-1AA03

AS-Interface F adapter for 3SB3 EMERGENCY-STOP mushroom push buttons

For mounting on front plates

- 2I
- 2I/1O, with output for LED control

3SF5 402-1AA03
3SF5 402-1AB03

1 unit
1 unit

Version	DT	Spring-type terminals	PS
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Order No.



3SF5 402-1AA04

AS-Interface F adapter for 3SB3 EMERGENCY-STOP mushroom push buttons

For mounting on front plates

- 2I
- 2I/1O, with output for LED control

3SF5 402-1AA04
3SF5 402-1AB04

1 unit
1 unit

Version	DT	Insulation piercing method	PS
---------	----	----------------------------	----

Order No.



3SF5 402-1AA05

AS-Interface F adapter for 3SB3 EMERGENCY-STOP mushroom push buttons

For mounting on front plates

- 2I
- 2I/1O, with output for LED control

3SF5 402-1AA05
3SF5 402-1AB05

1 unit
1 unit

Push Button Units and Indicator Lights

3SB3, Enclosures for AS-Interface, 22 mm

AS-Interface enclosures with standard fittings

Overview

Enclosures with standard fittings are available with:

- 1 to 3 command points
- Operational voltage through AS-Interface (approx. 30 V)
- Vertical mounting type
- Plastic enclosures are equipped with plastic actuators and indicators, metal enclosures are equipped with metal actuators and indicators






The enclosures without EMERGENCY-STOP each have one user module with 4I/3O; the enclosures with EMERGENCY-STOP mushroom push buttons have a safe AS-Interface slave integrated in the enclosure.

Enclosures with EMERGENCY-STOP mushroom push buttons are fitted with two NC contact blocks, which are wired to the safe slave. The contact blocks and lamp holders (with spring-type terminals) of the control device, and the AS-Interface slaves, are mounted in the base of the enclosure and are cable-connected.

The plastic enclosures are designed with a connection for the AS-Interface flat cable (the cable is run passed the outside of the enclosure). For metal enclosures, the AS-Interface cable is run inside the enclosure.

The housing with EMERGENCY-STOP mushroom push buttons with an M12 connector is also available.

Selection and ordering data

Equipping options (A, B, C = identification letters of the command points)		Number of command points	DT	Configurator 	PU (UNIT, SET, M)	PS
				Order No.		
AS-Interface enclosures, plastic						
<i>With M12 top connector</i>						
	A = EMERGENCY-STOP mushroom push buttons, with rotate-to-unlatch mechanism, 1 NC, 1 NC, yellow enclosure top	1	B	3SF5 811-0AA10	1	1 unit
<i>With terminal for insulation piercing method at top</i>						
	A = EMERGENCY-STOP mushroom push buttons, with rotate-to-unlatch mechanism, 1 NC, 1 NC					
	• Yellow enclosure top	1	A	3SF5 811-0AA08	1	1 unit
	• Yellow enclosure top, with protective collar	1	A	3SF5 811-0AB08	1	1 unit
	B = Pushbutton green, label "I", 1 NO A = Pushbutton red, label "O", 1 NO	2	A	3SF5 812-0DA00	1	1 unit
	B = Pushbutton white, label "I", 1 NO A = Pushbutton black, label "O", 1 NO	2	A	3SF5 812-0DB00	1	1 unit
	C = Indicator lights clear, label without inscription	3	A	3SF5 813-0DA00	1	1 unit
	B = Pushbutton green, label "I", 1 NO A = Pushbutton red, label "O", 1 NO					
	C = Indicator lights clear, label without inscription	3	A	3SF5 813-0DC00	1	1 unit
	B = Pushbutton white, label "I", 1 NO A = Pushbutton black, label "O", 1 NO					
	C = Pushbutton black, label "II", 1 NO B = Pushbutton black, label "I", 1 NO A = Pushbutton red, label "O", 1 NO	3	A	3SF5 813-0DB00	1	1 unit
AS-Interface enclosures, metal						
<i>With M12 top connector</i>						
	A = EMERGENCY-STOP mushroom push buttons, with rotate-to-unlatch mechanism, 1 NC, 1 NC					
	• Yellow enclosure top	1	C	3SF58 11-2AA10	1	1 unit
	• Yellow enclosure top, with protective collar	1	C	3SF58 11-2AB10	1	1 unit
<i>With cable gland at top</i>						
	A = EMERGENCY-STOP mushroom push buttons, with rotate-to-unlatch mechanism, 1 NC, 1 NC					
	• Yellow enclosure top	1	A	3SF5 811-2AA08	1	1 unit
	• Yellow enclosure top, with protective collar	1	A	3SF5 811-2AB08	1	1 unit
	B = Pushbutton green, label "I", 1 NO A = Pushbutton red, label "O", 1 NO	2	A	3SF5 812-2DA00	1	1 unit
	B = Pushbutton white, label "I", 1 NO A = Pushbutton black, label "O", 1 NO	2	A	3SF5 812-2DB00	1	1 unit
	C = Indicator lights clear, label without inscription	3	A	3SF5 813-2DA00	1	1 unit
	B = Pushbutton green, label "I", 1 NO A = Pushbutton red, label "O", 1 NO					
	C = Indicator lights clear, label without inscription	3	A	3SF5 813-2DC00	1	1 unit
	B = Pushbutton white, label "I", 1 NO A = Pushbutton black, label "O", 1 NO					
	C = Pushbutton black, label "II", 1 NO B = Pushbutton black, label "I", 1 NO A = Pushbutton red, label "O", 1 NO	3	A	3SF5 813-2DB00	1	1 unit

For online configurator see www.siemens.com/sirius/configurators.

Push Button Units and Indicator Lights




3SB3, Enclosures for AS-Interface, 22 mm

Components for AS-Interface enclosures

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Selection and ordering data

For self-equipping of the enclosures

Version	Number of command points	DT	Order No.	PU (UNIT, SET, M)	PS
For plastic enclosures					
 3SF5 500-0BA	AS-Interface slaves F slave, 2 safe inputs, for plastic enclosure, EMERGENCY-STOP, without protective collar	1 ... 6	A	3SF5 500-0BA	1 1 unit
	F slave, 2 safe inputs, for plastic or metal enclosure, EMERGENCY-STOP, with protective collar	1	A	3SF5 500-0DA	1 1 unit
 3SF5 500-0BB	A/B slave, 4I/3O for plastic enclosure	2 ... 6	A	3SF5 500-0BB	1 1 unit
	Slave, 4I/4O, for plastic enclosure	2 ... 6	A	3SF5 500-0BC	1 1 unit
Sets of links					
 3SF5 900-0CA	For F slave		A	3SF5 900-0BA	1 1 unit
	For slave 4I/4O or A/B slave 4I(3O)		A	3SF5 900-0BB	1 1 unit
Connection elements					
 3SF5 900-0CC	For AS-Interface shaped cable, connection by insulation piercing method, for plastic enclosure	1 ... 3 4 ... 6	A B	3SF5 900-0CA 3SF5 900-0CB	1 1 unit 1 1 unit
 3SF5 900-0CD	For AS-Interface connection using M12 plug, for plastic enclosure	1 ... 3 4 ... 6	B B	3SF5 900-0CC 3SF5 900-0CD	1 1 unit 1 1 unit
 3SF5 900-0CE	For bringing out unused inputs/outputs through an M12 socket, for plastic enclosure	1 ... 3 4 ... 6	B B	3SF5 900-0CE 3SF5 900-0CF	1 1 unit 1 1 unit
 3SF5 900-0CG	For AS-Interface shaped cable, cable is routed into the enclosure, for plastic or metal enclosure	1 ... 3 4 ... 6	A A	3SF5 900-0CG 3SF5 900-0CH	1 1 unit 1 1 unit
 3SF5 900-0CJ	For round cable, cable is routed into the enclosure, for plastic or metal enclosure	1 ... 3 4 ... 6	A A	3SF5 900-0CJ 3SF5 900-0CK	1 1 unit 1 1 unit
For metal enclosures					
 3SF5 500-0CB	AS-Interface slaves F slave, 2 safe inputs, for metal enclosure, EMERGENCY-STOP, without protective collar	1 ... 6	A	3SF5 500-0CA	1 1 unit
	F slave, 2 safe inputs, for plastic or metal enclosure, EMERGENCY-STOP, with protective collar	1	A	3SF5 500-0DA	1 1 unit
	A/B slave, 4I/3O, for metal enclosure	2 ... 6	A	3SF5 500-0CB	1 1 unit
	Slave, 4I/4O, for metal enclosure	2 ... 6	A	3SF5 500-0CC	1 1 unit
Sets of links					
 3SF5 900-0BA	For F slave		A	3SF5 900-0BA	1 1 unit
	For slave 4I/4O or A/B slave 4I(3O)		A	3SF5 900-0BB	1 1 unit
Connection elements					
 3SF5 900-2CC	For AS-Interface connection using M12 plug, for metal enclosure	1 ... 3 4 ... 6	B B	3SF5 900-2CC 3SF5 900-2CD	1 1 unit 1 1 unit
 3SF5 900-2CE	For bringing out unused inputs/outputs through an M12 socket, for metal enclosure	1 ... 3 4 ... 6	B B	3SF5 900-2CE 3SF5 900-2CF	1 1 unit 1 1 unit
 3SF5 900-0CG	For AS-Interface shaped cable, cable is routed into the enclosure, for plastic or metal enclosure	1 ... 3 4 ... 6	A A	3SF5 900-0CG 3SF5 900-0CH	1 1 unit 1 1 unit
 3SF5 900-0CJ	For round cable, cable is routed into the enclosure, for plastic or metal enclosure	1 ... 3 4 ... 6	A A	3SF5 900-0CJ 3SF5 900-0CK	1 1 unit 1 1 unit

Push Button Units and Indicator Lights

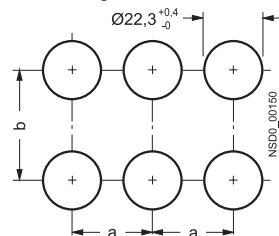
SIRIUS 3SB3

Dimension drawings (mm) Operator and indicator elements

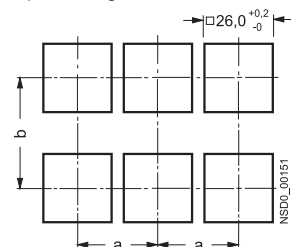
Dimension drawings

Mounting dimensions

Round design



Square design



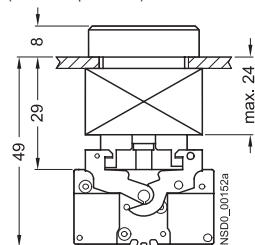
Minimum clearance	a	b
Switch blocks (1 contact) and lampholder		
• for front plate mounting, with screw terminals	30 ¹⁾	45
• for front plate mounting, with spring-loaded terminals	30 ¹⁾	30 ¹⁾
• for use on PCB, with solder pins	30 ¹⁾	30 ¹⁾
Switch blocks with 2 contacts		
• for front plate mounting	30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

1) For mushroom pushbutton, EMERGENCY-STOP and push-pull button:
Note mushroom diameter d = 40 mm or 60 mm.

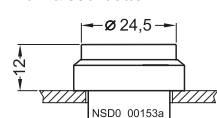
2) 60 mm with switch blocks having two contacts.

Molded-plastic version, round

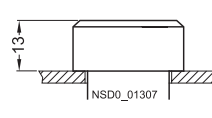
Pushbutton or illuminated pushbutton
with flat pushbutton
and single-pole switch block
(and lampholder)



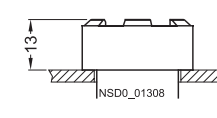
Pushbutton or illuminated pushbutton
with raised button



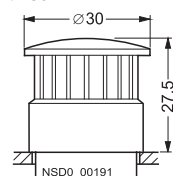
Pushbutton
with raised front ring



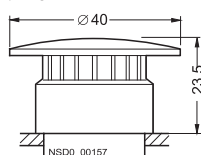
Pushbutton
with raised front ring castellated



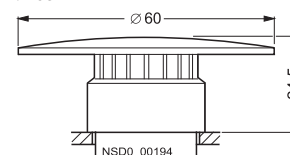
Mushroom pushbutton, illuminated mushroom pushbutton, push-pull-button or illuminated push-pull-button,
? 30 mm



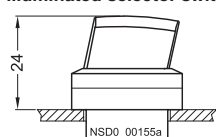
Mushroom pushbutton, illuminated mushroom pushbutton, push-pull-button or illuminated push-pull-button,
? 40 mm



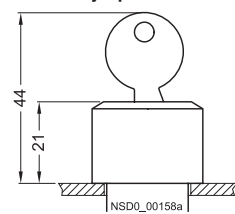
Mushroom pushbutton, illuminated mushroom pushbutton, push-pull-button or illuminated push-pull-button,
? 60 mm



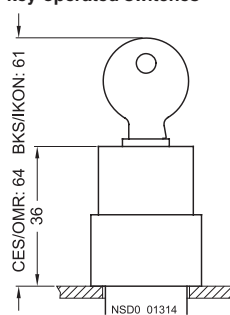
Selector switch or illuminated selector switch



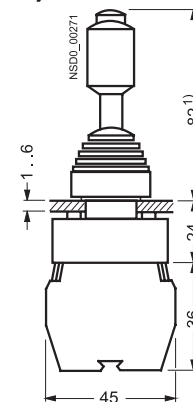
RONIS key-operated switch



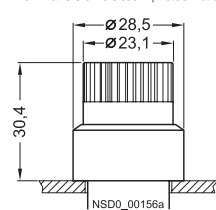
BKS, CES, IKON, O.M.R. key-operated switches



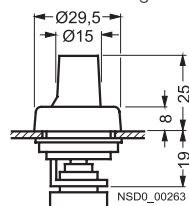
Joystick switch



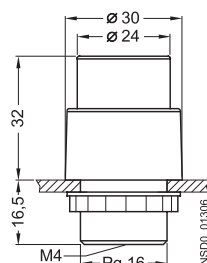
Pushbutton
with raised button, latching



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



Pushbutton with extended stroke



1) 82 with mechanical interlock,
77 without mechanical interlock

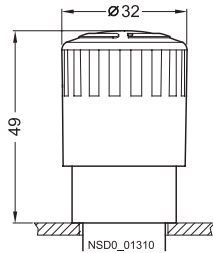
Push Button Units and Indicator Lights

SIRIUS 3SB3

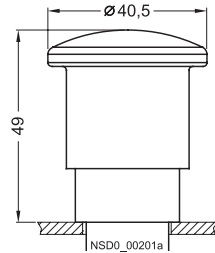
Dimension drawings (mm) Operator and indicator elements

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- 9
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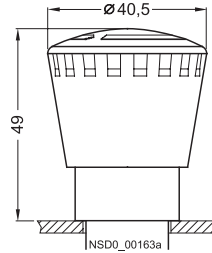
EMERGENCY-STOP mushroom pushbutton,
Ø 32 mm, pull to unlatch



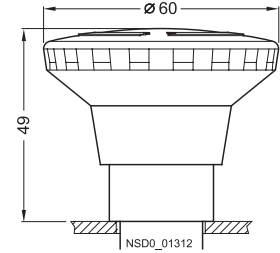
EMERGENCY-STOP mushroom pushbutton,
Ø 40 mm, pull to unlatch



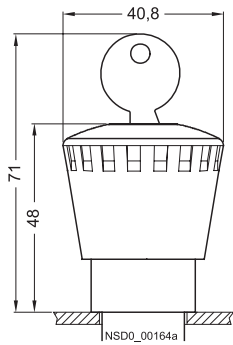
EMERGENCY-STOP mushroom pushbutton,
Ø 40 mm, pull to unlatch



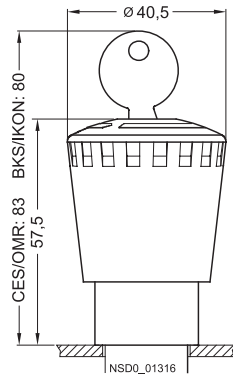
EMERGENCY-STOP mushroom pushbutton,
Ø 60 mm, rotate to unlatch



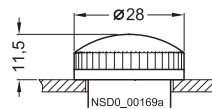
EMERGENCY-STOP mushroom pushbutton
with RONIS key-operated switch



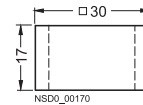
EMERGENCY-STOP mushroom pushbutton
with BKS, CES, IKON, O.M.R.
key-operated switch



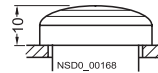
Indicator light



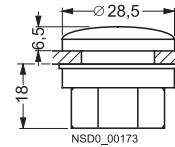
Gear Holder



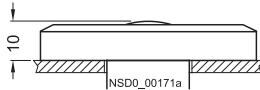
Audible signal device



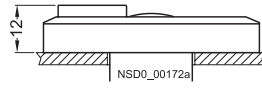
Hole plug



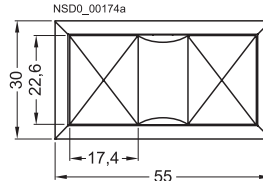
On-Off pushbutton
with flat buttons



On-Off pushbutton
with raised buttons

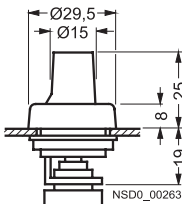


On-Off pushbutton
with or without indicator light

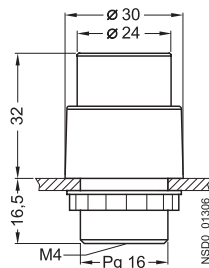


Top view

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



Pushbutton with extended stroke



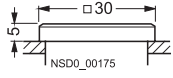
Push Button Units and Indicator Lights

SIRIUS 3SB3

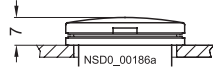
Dimension drawings (mm) Operator and indicator elements

Plastic version, square

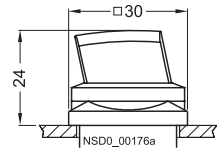
Pushbutton or illuminated pushbutton with flat pushbutton



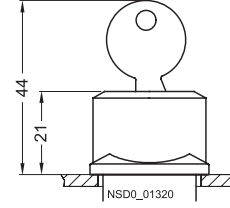
Indicator light



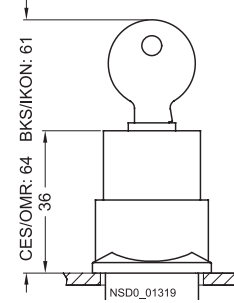
Selector switch or illuminated selector switch



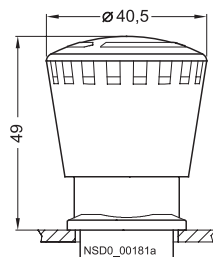
RONIS key-operated switch



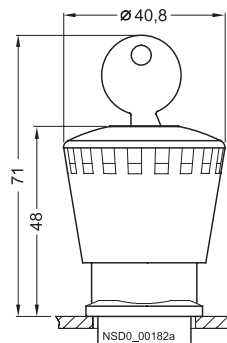
BKS, CES, IKON, O.M.R. key-operated switch



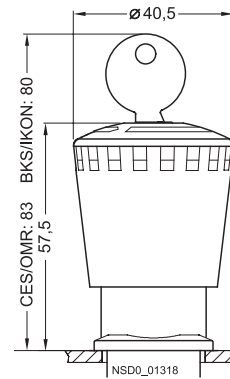
EMERGENCY-STOP mushroom pushbutton with safety lock



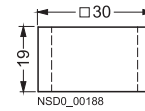
EMERGENCY-STOP mushroom pushbutton with RONIS key-operated switch



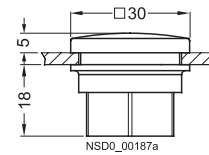
EMERGENCY-STOP mushroom pushbutton with BKS, CES, IKON, O.M.R. key-operated switch



Gear Holder



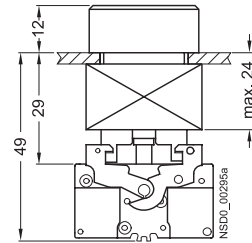
Hole plug



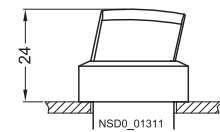
Metal version, round

Pushbutton or illuminated pushbutton

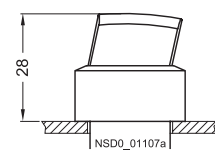
with flat button and single-pole switch block (and lampholder)



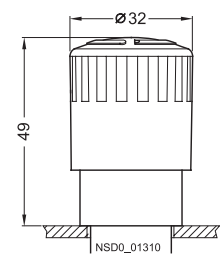
Selector switch or illuminated selector switch, standard



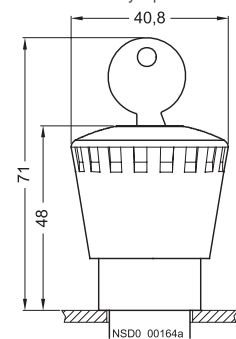
Selector switch or illuminated selector switch, heavy duty



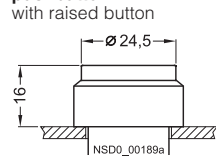
EMERGENCY-STOP mushroom pushbutton, Ø 32 mm, rotate to unlatch



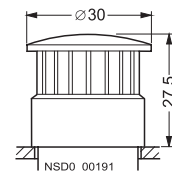
EMERGENCY-STOP mushroom pushbutton with RONIS key-operated switch



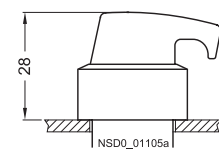
Pushbutton or illuminated pushbutton with raised button



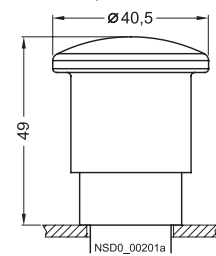
Mushroom pushbutton, illuminated mushroom pushbutton, push-pull-button or illuminated push-pull-button, ? 30 mm



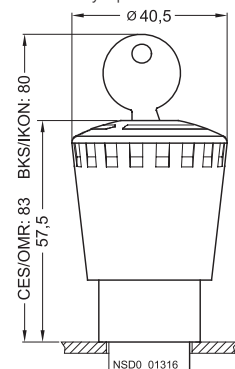
Selector switch or illuminated selector switch with long handle



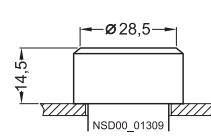
EMERGENCY-STOP mushroom pushbutton, Ø 40 mm, pull to unlatch



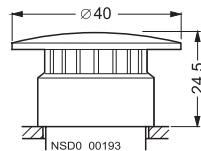
EMERGENCY-STOP mushroom pushbutton with BKS, CES, IKON, O.M.R. key-operated switch



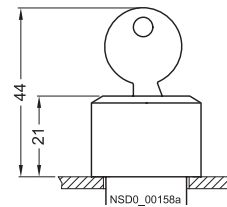
Pushbutton or illuminated pushbutton, latching, with flat button



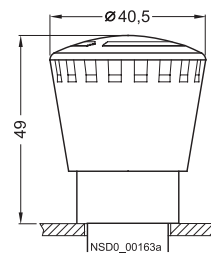
Mushroom pushbutton, illuminated mushroom pushbutton, push-pull-button or illuminated push-pull-button, ? 40 mm



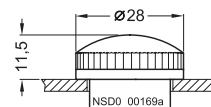
RONIS key-operated switch



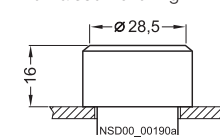
EMERGENCY-STOP mushroom pushbutton, Ø 40 mm, rotate to unlatch



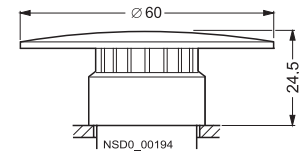
Indicator light



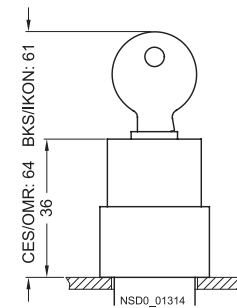
Pushbutton with raised front ring



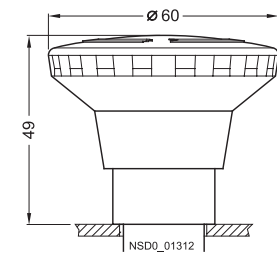
Mushroom pushbutton, illuminated mushroom pushbutton, push-pull-button or illuminated push-pull-button, ? 60 mm



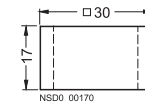
BKS, CES, IKON, O.M.R. key-operated switches



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



Gear Holder



Push Button Units and Indicator Lights

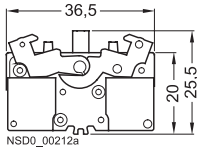
SIRIUS 3SB3

Dimension drawings (mm) Contact blocks and lamp holders

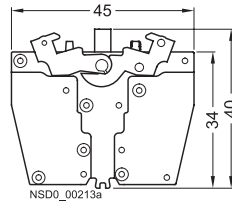
Contact blocks and lampholders

Screw connection, for front plate mounting

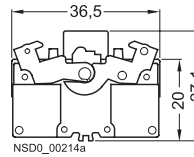
Switch block with 1 contact



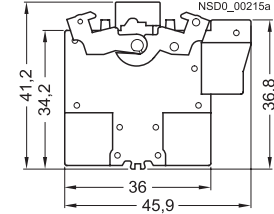
Switch block with 2 contacts



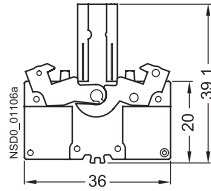
BA 9s lampholder with or without integrated voltage reducer



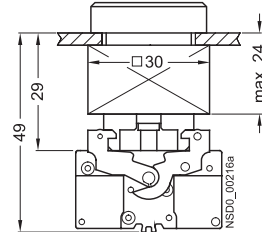
BA 9s lampholder with separate lamp test function



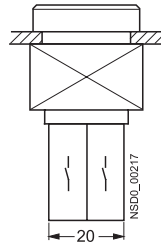
Lampholder with integrated LED



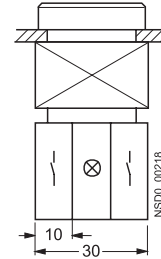
Pushbutton or illuminated pushbutton with switch blocks with 1 contact



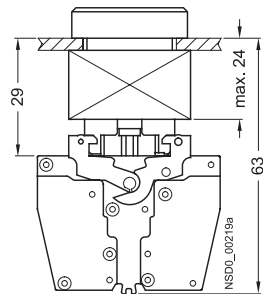
Pushbutton with switch blocks with 1 contact



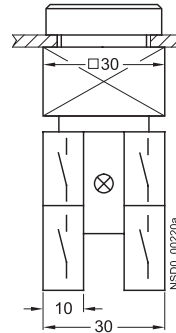
Illuminated pushbutton with switch blocks with 1 contact and lampholder



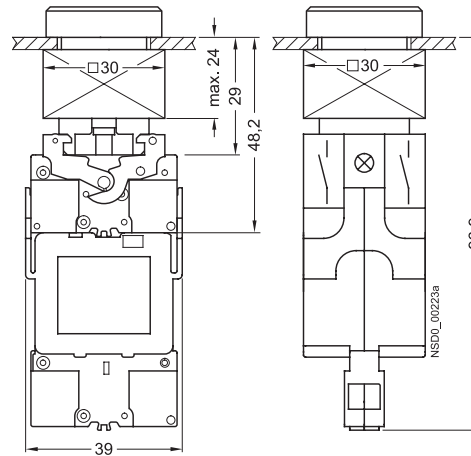
Pushbutton or illuminated pushbutton with switch blocks with 2 contacts



Illuminated pushbutton with switch blocks with 2 contacts and lampholder

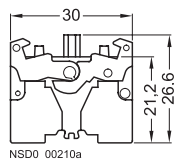


Illuminated pushbutton with switch blocks with 1 contact and lampholder with snapped-on transformer

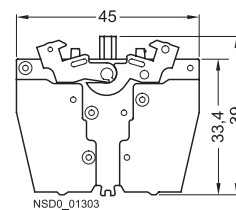


Spring-loaded terminals, for front plate mounting

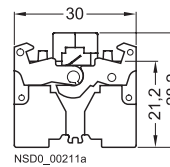
Switch block with 1 contact



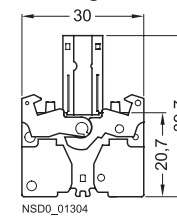
Switch block with 2 contacts



Lampholder BA 9s

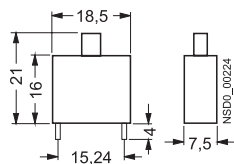


Lampholder with integrated LED

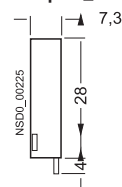


With solder pins, for use on PCB

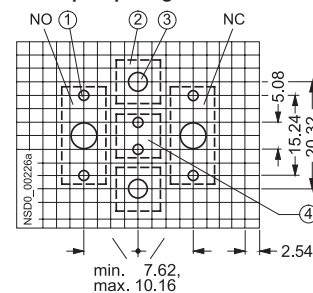
Contact block 1 NO and 1 NC



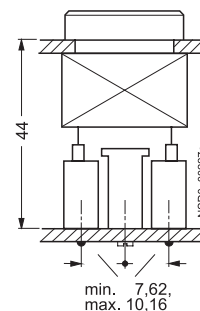
Lampholder



Solder pin spacing



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

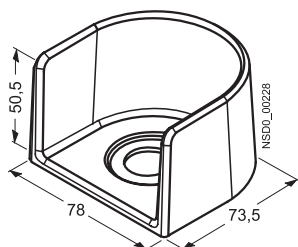


- ① Solder pin $\varnothing 1,3^{+0,1}$
- ② PCB holder
- ③ Centering hole $\varnothing 4,2^{+0,1}$
- ④ Lampholder

Accessories

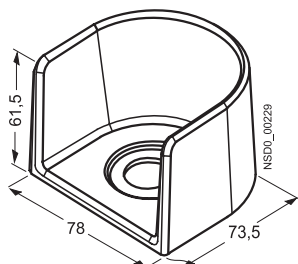
3SB39 21-0AK shroud

for front plate mounting ¹⁾
for EMERGENCY-STOP mushroom
pushbutton without key-operated switch.



3SB39 21-0AX shroud

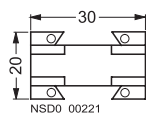
for front plate mounting ¹⁾
for EMERGENCY-STOP mushroom
pushbutton with key-operated switch.



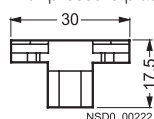
1) Can be used with a front plate thickness up to 4mm.

Holder for mounting 3 elements

Holder for pushbuttons



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



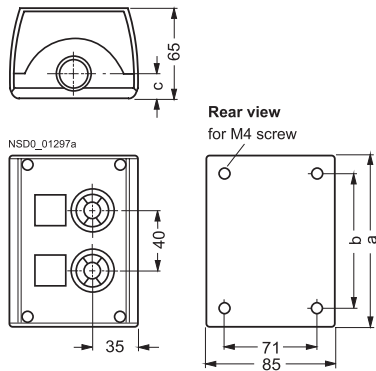
Push Button Units and Indicator Lights

SIRIUS 3SB3

Dimension drawings (mm) Accessories and enclosures

Enclosures

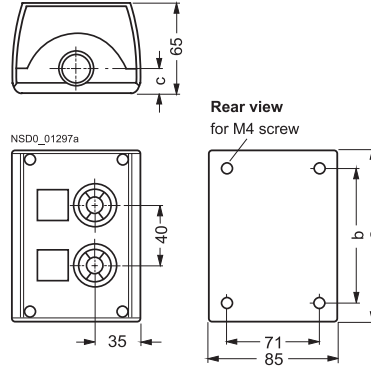
Enclosure without shroud, molded plastic



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

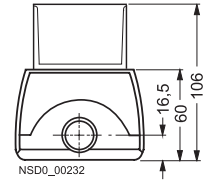
Enclosure without shroud, metal



top and bottom with opening
for one gland each

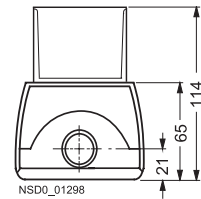
Number of command points	Length a	Spacing b	Spacing c
1	85	54	21
2	114	83	21
3	154	123	21
4	194	163	21
6	280	249	21

Enclosure with shroud, molded plastic



top and bottom with knockouts
for one gland each

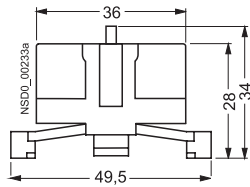
Enclosure with shroud, metal



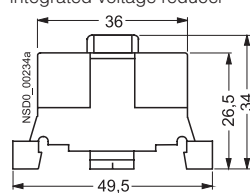
top and bottom with opening
for one gland each

Screw connection, for base mounting

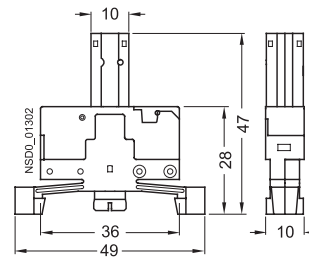
Contact block with 1 contact



BA9s lampholder with or without integrated voltage reducer

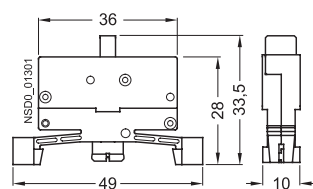


Lampholder with integrated LED

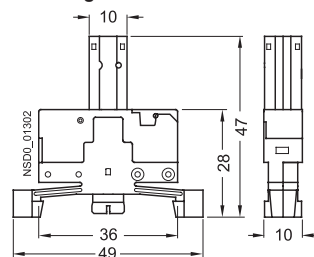


Spring-loaded terminals, for base mounting

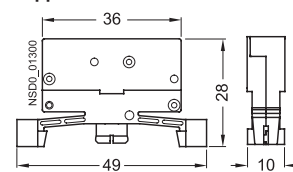
Contact block with 1 contact



Lampholder with integrated LED

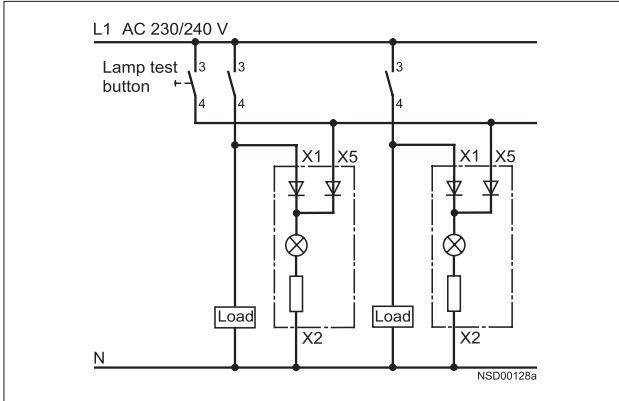


Support terminal

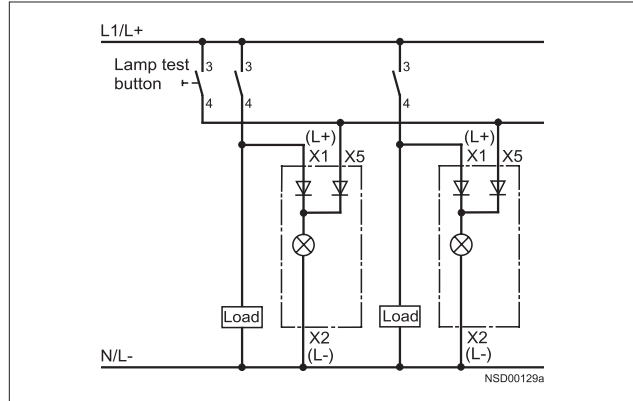


Typical circuits

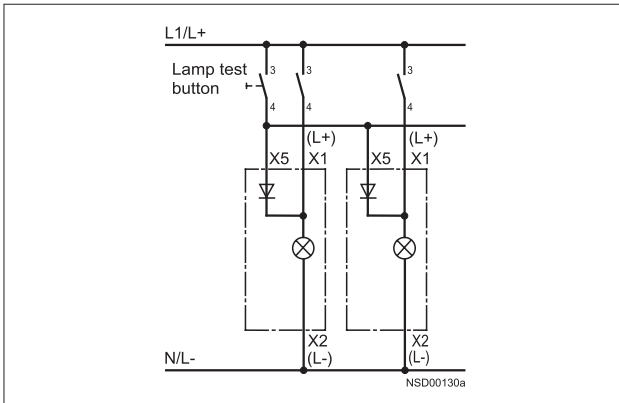
3SB14 00-2N or 3SB34 00-1F lampholder
incl. 130 V incandescent lamp



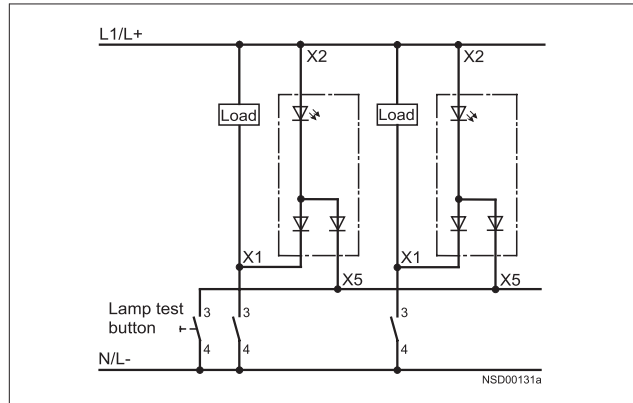
3SB14 00-2P or 3SB34 00-1G lampholder
for incandescent lamps up to 2.6 W or AC/DC LED lamps



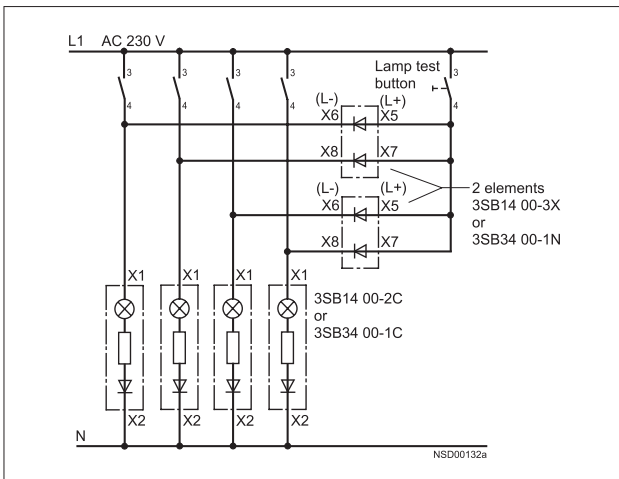
3SB14 00-2Q or 3SB34 00-1H lampholder
for incandescent lamp to 2.6 W or
AC neon bulbs or AC/DC LED lamps



3SB34 00-1L lampholder
for incandescent lamp up to 2.6 W or
DC LED lamps



Typical lamp test circuit with
with 3SB14 00-3X or 3SB34 00-1N



Application examples for 3SB14 00-3X and 3SB34 00-1N diode elements

- Lamp test circuit,
- Interference suppression,
- Limiting voltage peaks,
- Limiting DC coils,
- Diode gates,
- Rectifier circuits.

The diode element contains two 1N 4007 diodes. The element can be snapped onto the gear holder as required.

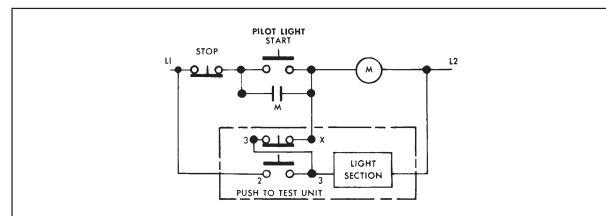
Notes on using the lampholders with separate lamp test function

When connected in parallel with inductive loads (e.g. contactors), surge suppression is required.

The 3SB14 00-2Q and 3SB34 00-1H elements are not suitable for use with a parallel load.

Example of a typical push to test circuit using a standard, illuminated push-button transformer type with 1 NO + 1 NC contact. e.g. Illuminated Pilot Light components require to make-up a 120 V red raised push to test transformer type use (1) each of the following components:

- 3SB3 001-0BA21
- 52AABN
- 3SB3 400-0B
- 3SB3 400-1A
- 3SB3 400-3M
- 3SB3 400-0C



Pushbutton Units and Indicator Lights

Notes