

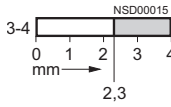

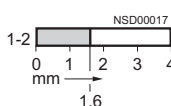


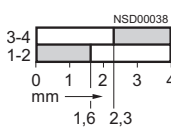

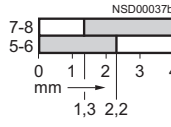

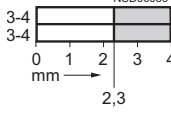

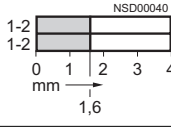



# Pushbutton Units and Indicator Lights

## SIGNUM 3SB3, ○ □ Round and Square Programme

### Contact blocks and lampholders

#### Selection and ordering data

Version	Symbols/ LED colour	Contact travel	DT	Order No.	Price	PG	Weight approx.	Packs	
		<input type="checkbox"/> contact closed <input type="checkbox"/> contact open	▶ Preferred type	1 unit		kg	Unit		
<b>with screw terminals, for front plate mounting</b>									
Contact block with 1 contact   Nsd0092g	<b>Contact block with one contact</b> mounting depth 50 mm								
	1 NO			▶	<b>3SB34 00-0B</b>		102 0.01	20	
	1 NO			▶	<b>3SB34 00-0C</b>		102 0.01	20	
Contact block with 2 contacts   Nsd0093g	<b>Contact blocks with 2 contacts</b> mounting depth 65 mm (incl. device identification label)								
	1 NO + 1 NC			▶	<b>3SB34 00-0A</b>		102 0.019	10	
	1 NO leading + 1 NC lagging			B	<b>3SB34 00-0H</b>		102 0.016	10	
	2 NO			B	<b>3SB34 00-0D</b>		102 0.019	10	
	2 NC			B	<b>3SB34 00-0E</b>		102 0.019	10	
Lampholder with integrated LED   nsd0575g	<b>Lampholder with integrated LED</b>								
	UC 24 V	yellow red green blue white		B	<b>3SB34 00-1PA</b>		102	0.01	10
				▶	<b>3SB34 00-1PB</b>		102		
				▶	<b>3SB34 00-1PC</b>		102		
				B	<b>3SB34 00-1PD</b>		102		
				▶	<b>3SB34 00-1PE</b>		102		
	AC 110 V	yellow red green blue white		B	<b>3SB34 00-1QA</b>		102	0.01	10
				B	<b>3SB34 00-1QB</b>		102		
				B	<b>3SB34 00-1QC</b>		102		
				B	<b>3SB34 00-1QD</b>		102		
				B	<b>3SB34 00-1QE</b>		102		
	AC 230 V	yellow red green blue white		B	<b>3SB34 00-1RA</b>		102	0.01	10
				▶	<b>3SB34 00-1RB</b>		102		
			▶	<b>3SB34 00-1RC</b>		102			
			B	<b>3SB34 00-1RD</b>		102			
			▶	<b>3SB34 00-1RE</b>		102			




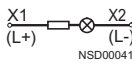
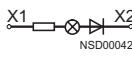
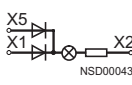
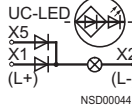
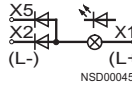
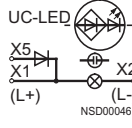


➡ Positive opening to IEC 60 947-5-1, Appendix K, and DIN VDE 0660 Part 200.

# Pushbutton Units and Indicator Lights

## SIGNUM 3SB3, ○ □ Round and Square Programme

### Contact blocks and lampholders

#### Selection and ordering data

Version	Symbols	DT	Order No.	Price	PG	Weight approx.	Packs	
		▶	Preferred type	1 unit		kg	Unit	
<i>with screw terminals, for front plate mounting</i>								
 <p>Lampholder Nsd0094g</p>	<b>Lampholders</b> , BA9s mounting depth 50 mm without lamp	 NSD00003	▶	<b>3SB34 00-1A</b>	102	0.013	20	
	Operational voltage 24 V AC/DC with 24 V incandescent lamp (3SX1 344) <sup>1)</sup>	 NSD00003	B	<b>3SB34 00-1D</b>	102	0.018	10	
	<b>Lampholders</b> BA9s							10
	Operational voltage 110/130 V AC with built-in resistor for longer endurance and 130 V lamp (3SX1 731) <sup>1)</sup>	 NSD000041	B	<b>3SB34 00-1B</b>	102	0.025	10	
	Operational voltage AC 230/240 V with built-in voltage reducer and 130 V lamp (3SX1 731) <sup>1)</sup>	 NSD000042	B	<b>3SB34 00-1C</b>	102	0.025	10	
	<b>Lampholders</b> , BA9s with separate lamp test function <sup>2)</sup>							10
incl. 130 V lamp (3SX1 731) <sup>1)</sup> Operational voltage AC 230/240 V	 NSD000043	B	<b>3SB34 00-1F</b>	102	0.025	1		
for incandescent lamps, max. 2.6 W and for LED lamps, AC/DC Operational voltage depending on lamp	 NSD000044	B	<b>3SB34 00-1G</b>	102	0.025	1		
for incandescent lamps, max. 2.6 W and for LED lamps, DC Operational voltage depending on lamp	 NSD000045	B	<b>3SB34 00-1L</b>	102	0.025	1		
for incandescent lamps, max. 2.6 W, for LED lamps, AC/DC and for neon bulbs, AC Operational voltage depending on lamp	 NSD000046	B	<b>3SB34 00-1H</b>	102	0.025	1		
 <p>Transformer Nsd0095g</p>	<b>Transformer</b> for snap-on mounting on 3SB34 00-1A lampholder (lampholder not included) Operational voltage (50/60 Hz):							
	127/24 V	 NSD000047	B	<b>3SB34 00-3A</b>	102	0.09	1	
	240/24 V		B	<b>3SB34 00-3C</b>	102			
	400/24 V		B	<b>3SB34 00-3F</b>	102			
	127/6 V		B	<b>3SB34 00-3M</b>	102			
	240/6 V		B	<b>3SB34 00-3P</b>	102			
400/6 V		B	<b>3SB34 00-3S</b>	102				

For example of circuits, see page 9/113.

1) The lamp is included.



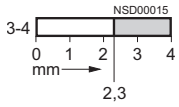

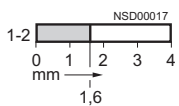

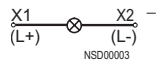
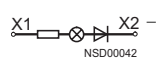




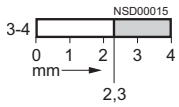

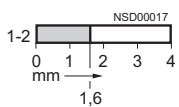

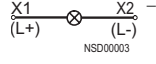

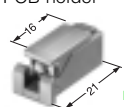
2) The lampholder with separate lamp test function can not be installed in an enclosure.

# Pushbutton Units and Indicator Lights

## SIGNUM 3SB3, ○ □ Round and Square Programme

### Contact blocks and lampholders

#### Selection and ordering data

Version	Symbols	Contact travel	DT	Order No.	Price	PG	Weight approx.	Packs
		 contact closed contact open	▶ Preferred type	1 unit		kg	Unit	
<b>with cage clamp terminal connection, for front plate mounting</b>								
Contact block with cage clamp terminal connection  nsd0405g	<b>Contact block with 1 contact,</b> mounting depth 50 mm, grid 30 mm x 30 mm 1 NO	 NSD00006	 NSD00015	B	<b>3SB34 03-0B</b>	102	0.008	20
	1 NC	 NSD00007	 NSD00017	B	<b>3SB34 03-0C</b>	102	0.008	20
Lampholder with cage clamp terminal connection  nsd0576g	<b>Lampholders</b> mounting depth 50 mm, grid 30 mm x 30 mm without lamp	 NSD00003		B	<b>3SB34 03-1A</b>	102	0.011	20
	Operational voltage AC 230/240 V, with built-in voltage reducer and 130 V lamp (3SX1 731) <sup>1)</sup>	 NSD00042		B	<b>3SB34 03-1C</b>	102	0.023	10
<b>with screw or cage clamp terminal connection, for front panel mounting</b>								
Adapters for pushbutton units  Nsd0096g	<b>Adapters for push-buttons</b> <sup>2)</sup> for snap-on fitting of 3 elements	-	-	▶	<b>3SB39 01-0AB</b>	102	0.001	20
Adapters for selector switches, key-operated switches and double pushbuttons  Nsd0097g	<b>Adapters for selector switches, key-operated switches and double pushbuttons</b> with pressure plates for actuating the central contact block	-	-	▶	<b>3SB39 01-0AC</b>	102	0.001	10
<b>with solder pins, for use on printed-circuit boards, mounting depth 44 mm</b>								
Contact block w. solder pins  Nsd0098g	<b>Contact blocks with 1 contact</b> 1 NO	 NSD00006	 NSD00015	B	<b>3SB34 11-0B</b>	102	0.002	20
	1 NC	 NSD00007	 NSD00017	B	<b>3SB34 11-0C</b>	102		
Lampholder w. solder pins  Nsd0099g	<b>Lampholders</b> wedge base W2 x 4.6 d, without lamp	 NSD00003		B	<b>3SB34 11-1A</b>	102	0.002	20
Thrust pad  Nsd0082g	<b>Thrust pad for selector switches and key-op. switches</b> for actuating the central contact block (also for contact blocks with base mounting)	-	-	B	<b>3SB39 01-0AW</b>	102	0.001	10
PCB holder  nsd0132g	<b>PCB holder</b> for mounting the command devices with the printed-circuit board (screw supplied)	-	-	B	<b>3SB39 01-0AA</b>	102	0.001	10

▶ Positive opening to IEC 60 947-5-1, Appendix K, and DIN VDE 0660 Part 200.

1) The lamp is included

2) Holders also available for pushbutton switches.

# Pushbutton Units and Indicator Lights

## SIGNUM 3SB3, ○ □ Round and Square Programme

### Laser inscription of actuators and indicator elements

#### Design

The actuators of the the push-buttons, illuminated pushbuttons, mushroom pushbuttons, illuminated mushroom pushbuttons and the lens assemblies of the indicator lights of the round and square range can be inscribed by laser.

Also the front ring of selector switches can be inscribed.

Examples



Nsd0101g

Nsd0102g

#### Order requirements

Append the order number of the actuator or the indicator light with “-Z” and the required code (Y10, Y11, Y12, Y13 or Y19):

- Y10** for lower-/upper-case lettering
- Y11** for all upper-case lettering
- Y12** for all lower-case lettering
- Y13** for graphic symbols with number
- Y19** according to order form

#### Ordering example

**3SB31 10-0AA31-Z  
Y13  
Z = 1800**

Please observe ordering notes on page 9/53.

### Insert labels

#### Design

Pushbuttons (clear) and illuminated pushbuttons with a flat button can be fitted with insert labels for identification purposes.

These labels are made of clear transparent moulded plastic with black lettering and can be mounted in any 90° position.

#### Inscription

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

The inscription (and the special inscription) has capital initial letters.

The symbols, also non-catalog, are in accordance with DIN Report 4.

### Selection and ordering data

Inscription		Insert labels for pushbuttons (clear) and illuminated pushbuttons (flat) <b>Round programme</b>		Insert labels for pushbuttons (clear) and illuminated pushbuttons (flat) <b>Square programme</b>	PG	Packs
	DT	Order No.	Price 1 unit	DT		Unit
Without inscription	B	<b>3SB19 01-4AS</b>		B	<b>3SB39 40-4AA</b>	102 10
Ein	B	<b>3SB19 01-4AB</b>		B	<b>3SB39 40-4AB</b>	102
On	B	<b>3SB19 01-4EB</b>		B	<b>3SB39 40-4EB</b>	102
Aus	B	<b>3SB19 01-4AC</b>		B	<b>3SB39 40-4AC</b>	102
Off	B	<b>3SB19 01-4EC</b>		B	<b>3SB39 40-4EC</b>	102
Auf	B	<b>3SB19 01-4AD</b>		B	<b>3SB39 40-4AD</b>	102
Up	B	<b>3SB19 01-4ED</b>		B	<b>3SB39 40-4ED</b>	102
Ab	B	<b>3SB19 01-4AE</b>		B	<b>3SB39 40-4AE</b>	102
Down	B	<b>3SB19 01-4EE</b>		B	<b>3SB39 40-4EE</b>	102
Vor	B	<b>3SB19 01-4AF</b>		B	<b>3SB39 40-4EF</b>	102
Forward	B	<b>3SB19 01-4EF</b>		B	<b>3SB39 40-4EF</b>	102
Zurück	B	<b>3SB19 01-4AG</b>		B	<b>3SB39 40-4EG</b>	102
Reverse	B	<b>3SB19 01-4EG</b>		B	<b>3SB39 40-4EG</b>	102
Rechts	B	<b>3SB19 01-4AH</b>		B	<b>3SB39 40-4AH</b>	102
Right	B	<b>3SB19 01-4EH</b>		B	<b>3SB39 40-4AH</b>	102
Links	B	<b>3SB19 01-4AJ</b>		B	<b>3SB39 40-4AJ</b>	102
Left	B	<b>3SB19 01-4EJ</b>		B	<b>3SB39 40-4AJ</b>	102
Auf	B	<b>3SB19 01-4AD</b>		B	<b>3SB39 40-4AD</b>	102
Open	B	<b>3SB19 01-4EP</b>		B	<b>3SB39 40-4AD</b>	102
Zu	B	<b>3SB19 01-4AL</b>		B	<b>3SB39 40-4AL</b>	102
Close	B	<b>3SB19 01-4EQ</b>		B	<b>3SB39 40-4AL</b>	102
Schnell	B	<b>3SB19 01-4AM</b>		B	<b>3SB39 40-4AM</b>	102
Fast	B	<b>3SB19 01-4ER</b>		B	<b>3SB39 40-4AM</b>	102
Langsam	B	<b>3SB19 01-4AN</b>		B	<b>3SB39 40-4AN</b>	102
Slow	B	<b>3SB19 01-4ES</b>		B	<b>3SB39 40-4AN</b>	102
Betrieb	B	<b>3SB19 01-4AP</b>		B	<b>3SB39 40-4EV</b>	102
Running	B	<b>3SB19 01-4EV</b>		B	<b>3SB39 40-4EV</b>	102
Störung	B	<b>3SB19 01-4AQ</b>		B	<b>3SB39 40-4AQ</b>	102
Fault	B	<b>3SB19 01-4EW</b>		B	<b>3SB39 40-4EW</b>	102
Einrichten	B	<b>3SB19 01-4AR</b>		B	<b>3SB39 40-4EW</b>	102
Reset	B	<b>3SB19 01-4EM</b>		B	<b>3SB39 40-4EM</b>	102
Test	B	<b>3SB19 01-4EN</b>		B	<b>3SB39 40-4EM</b>	102
Start	B	<b>3SB19 01-4EK</b>		B	<b>3SB39 40-4EK</b>	102
Halt	B	<b>3SB19 01-4AK</b>		B	<b>3SB39 40-4EK</b>	102
Stop	B	<b>3SB19 01-4EL</b>		B	<b>3SB39 40-4EK</b>	102
				B	<b>3SB39 40-4EL</b>	102

# Pushbutton Units and Indicator Lights SIGNUM 3SB3, ○ □ Round and Square Programme

Insert labels

1  
2  
3  
4  
5  
6  
7  
8  
9

## Selection and ordering data

Inscription			Insert labels for pushbuttons (clear) and illuminated push-buttons (flat) <b>Round programme</b>			Insert labels for pushbuttons (clear) and illuminated push-buttons (flat) <b>Square programme</b>			PG	Packs
			DT	Order No.	Price 1 unit	DT	Order No.	Price 1 unit		Unit
nss 00432g	○	Off	15	B	<b>3SB19 01-4MB</b>	B	<b>3SB39 40-4MB</b>	102	10	
nss 00433g		On	16	B	<b>3SB19 01-4MC</b>	B	<b>3SB39 40-4MC</b>	102		
nss 00434g			-	B	<b>3SB19 01-4MD</b>	B	<b>3SB39 40-4MD</b>	102		
<b>Equipment symbols</b>										
nss 00410g		Electric motor	42	B	<b>3SB19 01-4PA</b>	B	<b>3SB39 40-4PA</b>	102	10	
<b>Motion symbols</b>										
nss 00418g	→	Motion in direction of arrow	28	B	<b>3SB19 01-4NA</b>	B	<b>3SB39 40-4NA</b>	102	10	
nss 00427g	+	Increase, plus	40	B	<b>3SB19 01-4NG</b>	B	<b>3SB39 40-4NG</b>	102		
nss 00409g	-	Decrease, minus	41	B	<b>3SB19 01-4MC</b>	B	<b>3SB39 40-4MC</b>	102		
Insert labels with custom inscription										
<b>Insert label with choice of inscription</b>				C	<b>3SB19 01-4AZ K0Y, K1Y, K2Y, K3Y or K9Y</b>	C	<b>3SB39 40-4AZ K0Y, K1Y, K2Y, K3Y or K9Y</b>	102	10	

### Ordering with supplemental code

Append the following codes to the order number:

- Text in upper-/lower-case lettering **K0Y**
- Text in all upper-case lettering **K1Y**
- Text in all lower-case lettering **K2Y**
- Symbols with number to DIN Report 4 **K3Y**
- Text or symbols according to order form **K9Y**

### Ordering example

You want a label with image No. 1800 to DIN Report 4:

**3SB19 01-4AZ  
K3Y  
Z = 1800**

### Inscription examples



Single-line inscription in capital letters



Three-line inscription in lower-case letters



Two-line inscription in Upper-/lower-case lettering



Inscription with No. 19 to DIN Report 4



Inscription according to order form

### Notes on ordering

When ordering, specify the required inscription in plain text in addition to the order number and order code. In the case of special inscriptions in a foreign language, give the exact spelling and specify the language.

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 Univers.

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 are:

- 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.

Square insert labels can always contain 10 characters per line.

The DIN Report 4 (ISBN 3-410-14528-1) is available from

Beuth Verlag GmbH  
D-10772 Berlin  
Germany  
Tel.: +49 30 26012260  
Fax: +49 30 26011260.

# Pushbutton Units and Indicator Lights

## SIGNUM 3SB3, ○ □ Round and Square Programme

### Backing plates

#### Design

The backing plates consist of a black moulded plastic holder and an inscription plate (black with white print<sup>1)</sup>). Adhesive or snap-on mounting. They are not suitable for EMERGENCY-STOP mushroom pushbuttons.

Note insert dimensions!

#### Inscription

The inscription (and the special inscription) has capital initial letters.

For non-standard inscriptions with words in languages other than German, give the exact spelling and specify the language.

#### Self-adhesive plates

The inscription plates are self-adhesive.

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




- 30 mm × 45 mm plate holders with 12.5 mm × 27 mm inscription plate.
- 30 mm × 60 mm plate holders with 27 mm × 27 mm inscription plate.

#### Snap-on plates

The following variants are available for the round range:

29.8 mm × 51 mm plate holders with 17.5 mm × 28 mm inscription plate (17.5 mm × 27 mm inscription field).

#### Selection and ordering data

Inscription	Self-adhesive inscription plate <sup>1)</sup>						Inscription plate for snap-on mounting <sup>1)</sup>		PG	Packs
	12.5 mm × 27 mm  nsd0108g			27 mm × 27 mm  nsd0109g			17.5 mm × 28 mm  nsd0110g			
	DT	Order No.	Price 1 unit	DT	Order No.	Price 1 unit	DT	Order No.	Price 1 unit	Unit
blank	▶	<b>3SB39 02-1AA</b>		B	<b>3SB39 03-1AA</b>		▶	<b>3SB39 05-1AA</b>		102 10
Ein	B	<b>3SB39 02-1AB</b>		B	<b>3SB39 03-1AB</b>		B	<b>3SB39 05-1AB</b>		102
On	B	<b>3SB39 02-1EB</b>		B	<b>3SB39 03-1EB</b>		B	–		102
Aus	B	<b>3SB39 02-1AC</b>		B	<b>3SB39 03-1AC</b>		B	<b>3SB39 05-1AC</b>		102
Off	B	<b>3SB39 02-1EC</b>		B	<b>3SB39 03-1EC</b>		B	–		102
Auf	B	<b>3SB39 02-1AD</b>		B	<b>3SB39 03-1AD</b>		B	<b>3SB39 05-1AD</b>		102
Up	B	<b>3SB39 02-1ED</b>		B	–		B	–		102
Ab	B	<b>3SB39 02-1AE</b>		B	<b>3SB39 03-1AE</b>		B	<b>3SB39 05-1AE</b>		102
Down	B	<b>3SB39 02-1EE</b>		B	–		B	–		102
Vor	B	<b>3SB39 02-1AF</b>		B	<b>3SB39 03-1AF</b>		B	–		102 10
Forward	B	<b>3SB39 02-1EF</b>		B	–		B	–		102
Zurück	B	<b>3SB39 02-1AG</b>		B	<b>3SB39 03-1AG</b>		B	<b>3SB39 05-1AG</b>		102
Reverse	B	<b>3SB39 02-1EG</b>		B	–		B	–		102
Rechts	B	<b>3SB39 02-1AH</b>		B	<b>3SB39 03-1AH</b>		B	–		102
Right	B	<b>3SB39 02-1EH</b>		B	–		B	–		102
Links	B	<b>3SB39 02-1AJ</b>		B	<b>3SB39 03-1AJ</b>		B	–		102
Left	B	<b>3SB39 02-1EJ</b>		B	–		B	–		102
Auf	B	<b>3SB39 02-1AD</b>		B	<b>3SB39 03-1AD</b>		B	<b>3SB39 05-1AD</b>		102
Open	B	<b>3SB39 02-1EP</b>		B	–		B	–		102
Zu	B	<b>3SB39 02-1AL</b>		B	<b>3SB39 03-1AL</b>		B	<b>3SB39 05-1AL</b>		102
Close	B	<b>3SB39 02-1EQ</b>		B	–		B	–		102
Betrieb	B	<b>3SB39 02-1AP</b>		B	<b>3SB39 03-1AP</b>		B	<b>3SB39 05-1AP</b>		102 10
Störung	B	<b>3SB39 02-1AQ</b>		B	<b>3SB39 03-1AQ</b>		B	<b>3SB39 05-1AQ</b>		102
Fault	B	<b>3SB39 02-1EW</b>		B	–		B	–		102
Test	B	<b>3SB39 02-1EN</b>		B	–		B	–		102
Start	B	<b>3SB39 02-1EL</b>		B	<b>3SB39 03-1EL</b>		B	<b>3SB39 05-1EL</b>		102
Halt	B	<b>3SB39 02-1AK</b>		B	<b>3SB39 03-1AK</b>		B	<b>3SB39 05-1AK</b>		102 10
Stop	B	<b>3SB39 02-1EK</b>		B	–		B	<b>3SB39 05-1EK</b>		102
Stop Start	B	<b>3SB39 02-1BC</b>		B	<b>3SB39 03-1BC</b>		B	<b>3SB39 05-1BC</b>		102 10
Hand Auto	B	<b>3SB39 02-1BA</b>		B	<b>3SB39 03-1BA</b>		B	<b>3SB39 05-1BA</b>		102
Man Auto	B	<b>3SB39 02-1EU</b>		B	–		B	–		102

#### Symbols

O	B	<b>3SB39 02-1MB</b>		B	–		B	–		102 10
I	B	<b>3SB39 02-1MC</b>		B	–		B	–		102
O – I	B	<b>3SB39 02-1MF</b>		B	<b>3SB39 03-1MF</b>		B	<b>3SB39 05-1MF</b>		102
1 2	B	<b>3SB39 02-1ML</b>		B	–		B	–		102
→	B	<b>3SB39 02-1NA</b>		B	<b>3SB39 03-1NA</b>		B	<b>3SB39 05-1NA</b>		102
↑	B	<b>3SB39 02-1NJ</b>		B	–		B	<b>3SB39 05-1NJ</b>		102

#### Inscription plates with custom inscription

Plate with choice of inscription	C	<b>3SB39 02-1XZ</b> K0Y, K1Y, K2Y, K3Y or K9Y	for "K9Y", plus per unit	C	<b>3SB39 03-1XZ</b> K0Y, K1Y, K2Y, K3Y or K9Y	for "K9Y", plus per unit	C	<b>3SB39 05-1XZ</b> K0Y, K1Y, K2Y, K3Y or K9Y	for "K9Y", plus per unit	102 10
Max. number of rows		3			5			3		
Letter height		4 mm (one line) 3.5 mm (two lines) 3 mm (three lines)			4 mm (one to five lines)			4 mm (one or two lines) 3 mm (three lines)		

1) The inscription plates from the 3SB1 range (silver with black lettering) can also be used, see page 9/107.

# Pushbutton Units and Indicator Lights

## SIGNUM 3SB3, ○ □ Round and Square Programme

### Backing plates

#### Selection and ordering data

Version	Plate holder for self-adhesive inscription plate 12.5 mm x 27 mm	27 mm x 27 mm	Plate holder for snap-on inscription plate 17.5 mm x 28 mm	PG	Packs
	DT Order No. Preferred type Price 1 unit	DT Order No. Preferred type Price 1 unit	DT Order No. Preferred type Price 1 unit		Unit
<b>Round program</b>	▶ 3SB39 22-0AV	▶ 3SB39 23-0AV	▶ 3SB39 25-0AX	102	10
<b>Square program</b>	B 3SB39 42-0AX	B 3SB39 43-0AX	–	102	10
<b>for potentiometer drive</b> 3SB10 00-7CH07	B 3SB39 22-0AW	–	–	102	10

#### Ordering with supplemental code

Append the following codes to the order number:

For inscription with

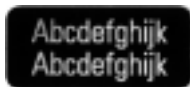
- Text in upper-/lower-case lettering **K0Y**
- Text in all upper-case lettering **K1Y**
- Text in all lower-case lettering **K2Y**
- Symbols with number to DIN Report 4 **K3Y**
- Text or symbols according to order form **K9Y**

#### Inscription examples



Single-line inscription in capital letters

nsd0582g



Two-line inscription in Upper-/lower-case lettering

nsd0583g



Three-line inscription in lower-case letters

nsd0584g

#### Ordering example

You want a label with image No. 1800 to DIN Report 4:

**3SB39 02-1XZ**  
**K3Y**  
**Z = 1800**

#### Notes on ordering

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 a language other than German, give the exact spelling and specify the language.

By default, the above letter heights are used for text inscriptions. The typeface used is Univers.

Other letter heights and typefaces are possible, but must be specified when ordering.

Up to 10 characters per line are possible.

The DIN Report 4 (ISBN 3-410-14528-1) is available from

Beuth Verlag GmbH  
D-10772 Berlin  
Tel. +49 30 26012260  
Fax: +49 30 26011260.



Inscription with No. 35 to DIN Report 4

nsd0585g



Inscription according to order form

nsd0586g













# Pushbutton Units and Indicator Lights

## SIGNUM 3SB3, ○ □ Round and Square Programme

### Accessories and spare parts

#### Selection and ordering data

	Version	Colour	DT	Order No. Preferred type	Price 1 unit	PG	Packs Unit
 Nsd0116g	<b>Button, flat</b> for round illuminated pushbuttons, plastic	red	B	<b>3SB39 30-0CA2</b>		102	10
		yellow	B	<b>3SB39 30-0CA3</b>		102	
		green	B	<b>3SB39 30-0CA4</b>		102	
		blue	B	<b>3SB39 30-0CA5</b>		102	
		white	B	<b>3SB39 30-0CA6</b>		102	
		clear	B	<b>3SB39 30-0CA7</b>		102	
 Nsd0118g	<b>Button, flat</b> for square illuminated pushbuttons, plastic	red	B	<b>3SB39 50-0CA2</b>		102	10
		yellow	B	<b>3SB39 50-0CA3</b>		102	
		green	B	<b>3SB39 50-0CA4</b>		102	
		blue	B	<b>3SB39 50-0CA5</b>		102	
		white	B	<b>3SB39 50-0CA6</b>		102	
		clear	B	<b>3SB39 50-0CA7</b>		102	
 nsd0399g	<b>Button, flat</b> for round pushbuttons, metal	black	B	<b>3SB39 30-0EA1</b>		102	10
		red	B	<b>3SB39 30-0EA2</b>		102	
		yellow	B	<b>3SB39 30-0EA3</b>		102	
		green	B	<b>3SB39 30-0EA4</b>		102	
		blue	B	<b>3SB39 30-0EA5</b>		102	
		white	B	<b>3SB39 30-0EA6</b>		102	
		clear	B	<b>3SB39 30-0EA7</b>		102	
 nsd0400g	<b>Button, flat</b> for round illuminated pushbuttons, metal	red	B	<b>3SB39 30-0GA2</b>		102	10
		yellow	B	<b>3SB39 30-0GA3</b>		102	
		green	B	<b>3SB39 30-0GA4</b>		102	
		blue	B	<b>3SB39 30-0GA5</b>		102	
		white	B	<b>3SB39 30-0GA6</b>		102	
		clear	B	<b>3SB39 30-0GA7</b>		102	
 nsd0401g	<b>Lenses, smooth</b> for round indicator lights, plastic or metal	red	B	<b>3SB39 30-6BA2</b>		102	10
		yellow	B	<b>3SB39 30-6BA3</b>		102	
		green	B	<b>3SB39 30-6BA4</b>		102	
		blue	B	<b>3SB39 30-6BA5</b>		102	
		white	B	<b>3SB39 30-6BA6</b>		102	
		clear	B	<b>3SB39 30-6BA7</b>		102	
 nsd0402g	<b>Lenses, concentric rings</b> for round indicator lights, plastic or metal	red	B	<b>3SB39 30-6CA2</b>		102	10
		yellow	B	<b>3SB39 30-6CA3</b>		102	
		green	B	<b>3SB39 30-6CA4</b>		102	
		blue	B	<b>3SB39 30-6CA5</b>		102	
		white	B	<b>3SB39 30-6CA6</b>		102	
		clear	B	<b>3SB39 30-6CA7</b>		102	
 Nsd0119g	<b>Lenses</b> for square illuminated pushbuttons, plastic	red	B	<b>3SB39 50-6AA2</b>		102	10
		yellow	B	<b>3SB39 50-6AA3</b>		102	
		green	B	<b>3SB39 50-6AA4</b>		102	
		blue	B	<b>3SB39 50-6AA5</b>		102	
		white	B	<b>3SB39 50-6AA6</b>		102	
		clear	B	<b>3SB39 50-6AA7</b>		102	
	<b>Mounting tool</b> for pushbuttons and lenses, metal		B	<b>3SB39 21-0BC</b>		102	1
 Nsd0120g	for round design, plastic		▶	<b>3SB39 31-0AA</b>		102	10
 Nsd0121g	for square design, plastic		B	<b>3SB39 51-0AA</b>		102	10
 nsd0403g	for round design, metal		▶	<b>3SB39 31-0AC</b>		102	10
	<b>Earthing screw</b> for holder, metal		B	<b>3SB39 21-0BD</b>		102	50

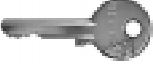











# Pushbutton Units and Indicator Lights

## SIGNUM 3SB3, ○ □ Round and Square Programme

### Accessories and spare parts

#### Selection and ordering data

Version	Suitable for	Colour/ inscription	DT	Order No.	Price	PG	Packs
			▶	Preferred type	1 unit		Unit
<b>Keys for key-operated switches</b>							
 Nsd0124g	Ronis key-operated switch, flat	SB 30	B	<b>3SB39 10-4A</b>		102	1
	BKS key-operated switch	S 1	B	<b>3SY1 066</b>		102	1
	CES key-operated switch	LSG 1	B	<b>3SB19 10-2F</b>		102	1
		SSG 10	▶	<b>3SY1 054</b>		102	
		SSP 9	B	<b>3SY1 052</b>		102	
	IKON key-operated switch	360012 K1	B	<b>3SY1 053</b>		102	1
O.M.R. key-operated switch	73038	light blue	B	<b>3SB19 10-2L</b>		102	1
	73037	red	B	<b>3SB19 10-2M</b>		102	
	73034	black	B	<b>3SB19 10-2N</b>		102	
	73033	yellow	B	<b>3SB19 10-2P</b>		102	
<b>Protective cap clear, silicone<sup>1)</sup></b> degree of protection IP 67							
 Nsd0126g	for round design, plastic	flat button raised button selector switch	B B B	<b>3SB39 21-0AH</b> <b>3SB19 02-0AK</b> <b>3SB39 21-0BA</b>		102 102 102	
	for square design, plastic	flat button	B	<b>3SB39 41-0AH</b>		102	
	for round design, metal	flat button raised button selector switch	B B B	<b>3SB19 02-0AK</b> <b>3SB19 02-0AN</b> <b>3SB39 21-0BA</b>		102 102 102	
<b>Protective cap clear, Elastolan<sup>1)</sup></b> degree of protection IP 67							
 Nsd0127g	for round design, plastic	flat button raised button	B B	<b>3SB39 21-0AJ</b> <b>3SB39 21-0AM</b>		102 102	
	for square design, plastic	flat button	B	<b>3SB39 41-0AJ</b>		102	
	for round design, metal	flat button	B	<b>3SB39 21-0AM</b>		102	
	<b>Protective cap clear, silicone,</b> degree of protection IP 67						
 Nsd0128g	for round design	Mushroom push-pull button, Ø 40 mm	B	<b>3SB19 02-2BH</b>		102	1
<b>Dust cap</b> for use in dusty environments							
 Nsd0634g		Key-operated switch	B	<b>3SB39 21-0BT</b>		102	
<b>Yellow backing plate, round,</b> as backing plate for EMERGENCY-STOP, for round version, self-adhesive Bore 23 mm, external diameter 80 mm							
 Nsd0129g	external diameter 60 mm	EMERGENCY-STOP	blank	▶ <b>3SB39 21-0AB</b>		102	1
		mushroom push-button	NOT-AUS	B <b>3SB39 21-0AC</b>		102	
			EMERGENCY-STOP	B <b>3SB39 21-0AD</b>		102	
			ARRET D'URGENCE	B <b>3SB39 21-0AG</b>		102	
			EMERGENZA	B <b>3SB39 21-0AN</b>		102	
<b>Yellow backing plate, round,</b> as backing plate for EMERGENCY-STOP, for square version, self-adhesive External diameter 80 mm, cut-out 26 mm x 26 mm							
		EMERGENCY-STOP	blank	B <b>3SB39 41-0AB</b>		102	1
		mushroom push-button	NOT-AUS	B <b>3SB39 41-0AC</b>		102	
			EMERGENCY-STOP	B <b>3SB39 41-0AD</b>		102	
<b>Blanking plugs</b>							
 Nsd0407g	for round version, metal <sup>1)</sup>		aluminized	B	<b>3SB19 02-0AQ</b>	1 Pack.	102
	for round design, plastic		black	▶	<b>3SB39 21-0AA</b>	1 unit	102
 Nsd0122g	for square design, plastic		black	b	<b>3SB39 41-0AA</b>		102
 Nsd0123g							10







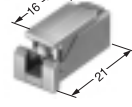






1) Not to be used with plate holder.

# Pushbutton Units and Indicator Lights

## SIGNUM 3SB3, ○ □ Round and Square Programme

### Accessories and spare parts

#### Selection and ordering data

Version	Suitable for	Colour	DT	Order No.	Price	PG	Weight approx. kg	Packs Unit
			▶	Preferred type	1 unit			Unit
 Nsd0130g	<b>Protective collar, yellow</b> <sup>1)</sup> for frontplate mounting, for round design	EMERGENCY-STOP mushroom pushbuttons						
		• without lock	▶	<b>3SB39 21-0AK</b>		102	0.025	1
		• with lock	B	<b>3SB39 21-0AX</b>		102		
 Nsd0131g	<b>Sun collar</b> for round design	Pushbuttons and indicator lights						
		black	B	<b>3SB39 21-0AS</b>		102		1
 Nsd0265g	<b>Sealable cap</b>	Pushbuttons with flat button						
		black	B	<b>3SB19 02-0AL</b>		102		1
		transparent	B	<b>3SB19 02-2AR</b>		102		
 Nsd0125g	<b>Single frame</b> for square design of the round version	Pushbuttons and indicator lights						
		black	B	<b>3SB39 21-0AU</b>		102		10
 Nsd0133g	<b>Device designation</b> Order No. and price per packet							
			B	<b>3TX4 210-0H</b>		102		100
 Nsd0132g	<b>Adaptor</b> consists of a metal disc with adhesive layer on one side. Mounting hole 30.5 mm, mounting as for 22 mm range	as thrust collars for frontplates of thin insulating material						
			B	<b>3SB39 21-0AE</b>		102		20
 Nsd0132g	<b>Holder for printed-circuit board</b> for mounting the actuation units with the PCB (screw supplied)	Soldering element						
			B	<b>3SB39 01-0AA</b>		102		10
 Nsd0134g	<b>Hole drilling template</b> for the 30 mm grid, horizontal, for round and square design							
			B	<b>3SB19 02-2BG</b>		102	0.01	1
 Nsd0134g	<b>Hole punch</b> , 26 mm x 26 mm, for square design							
			B	<b>3SB39 41-0AF</b>		102		1
 Nsd0096g	<b>Adapters for pushbutton units</b> <sup>2)</sup> for snap-on mounting of 3 elements	Pushbuttons with front plate fixing						
			▶	<b>3SB39 01-0AB</b>		102	0.001	20
 Nsd0096g	<b>Adapters for selector switches, key-operated switches and double pushbuttons</b> with pressure plates for operation of the central contact block	Selector switches, key-operated switches and double pushbuttons with front panel mounting						
			▶	<b>3SB39 01-0AC</b>		102	0.001	10
 Nsd0082g	<b>Thrust pad for selector switches and key-operated switches</b> with pressure plates for operation of the central contact block	Selector switches and key-operated switches for use on PCB or with base mounting						
			B	<b>3SB39 01-0AW</b>		102	0.001	10
 Nsd0137g	<b>Audible signal transducer</b> , BA 9s base, operational voltage DC 24 – 28 V, operational current 25 mA, 0.6 W, min. sound pressure 80 dB/10 cm	Audible signal device <sup>3)</sup>						
			B	<b>3SB19 02-2BN</b>		102	0.003	1

1) The protective collar should be used only to protect against inadvertent operation and must be mounted so that easy operation is possible.

2) Holders also available for pushbutton switches, mushroom pushbuttons and push-pull buttons.


3) Note: With increased IP 65 protection use the audible signal device (complete units) (see page 9/22).

# Pushbutton Units and Indicator Lights

## SIGNUM 3SB3, ○ □ Round and Square Programme

### Accessories and spare parts

#### Selection and ordering data

Version	Suitable for	Lamp voltage	Colour	DT	Order No.	Price	PG	Weight approx. kg	Packs Unit
					▶ Preferred type	1 unit			
<b>Lamps with screw connection, BA 9s base</b>									
 Nsd0135g	<b>Incandescent lamps</b>								
	1.2 W, max. length 28 mm, max. bulb diameter 10 mm	Illuminated push-buttons and indicator lights	4 V		B	<b>3SB19 02-0AY</b>	102	0.005	10
	2 W, max. length 28 mm, max. bulb diameter 10 mm		6 V		B	<b>3SX1 342</b>	102	0.005	10
			12 V		B	<b>3SX1 343</b>	102		
			24 V		▶	<b>3SX1 344</b>	102		
			30 V		B	<b>3SB19 02-2AF</b>	102		
		48 V		B	<b>3SB19 02-1AP</b>	102			
		60 V		B	<b>3SR94 24</b>	102			
	2.6 W, length 28 mm, bulb diameter 10 mm		110 ... 130 V <sup>1)</sup>		▶	<b>3SX1 731</b>	102	0.005	10
	<b>Multi-incandescent lamp</b> endurance 25 000 h, high vibration resistance 1.2 W Max. operat. current 50 mA AC/DC	Illuminated push-buttons and indicator lights	24 V		B	<b>3SB19 02-2BU</b>	102	0.005	10
	<b>LEDs, super-bright</b>								
	Max. length 28 mm, bulb diameter 10 mm, max. operational current 15 mA	Illuminated push-buttons and indicator lights	UC 24 V						
				red	▶	<b>3SB39 01-1CA</b>	102	0.003	10
				yellow	B	<b>3SB39 01-1BA</b>	102		
				green	▶	<b>3SB39 01-1DA</b>	102		
				blue	B	<b>3SB39 01-1PA</b>	102		
				white	▶	<b>3SB39 01-1QA</b>	102		
			AC 130 V	red	B	<b>3SB39 01-1CD</b>	102	0.003	10
				yellow	B	<b>3SB39 01-1BD</b>	102		
				green	B	<b>3SB39 01-1DD</b>	102		
				blue	B	<b>3SB39 01-1PD</b>	102		
				white	B	<b>3SB39 01-1QD</b>	102		
			AC 230 V	red	B	<b>3SB39 01-1CF</b>	102	0.003	10
				yellow	B	<b>3SB39 01-1BF</b>	102		
				green	B	<b>3SB39 01-1DF</b>	102		
				blue	B	<b>3SB39 01-1PF</b>	102		
				white	B	<b>3SB39 01-1QF</b>	102		
	<b>LEDs</b> Max. length 28 mm, bulb diameter 10 mm								
	Operational current 15 mA	Illuminated push-buttons and indicator lights	DC 22 ... 32 V	red	B	<b>3SB19 02-4AJ</b>	102	0.005	10
				yellow	B	<b>3SB19 02-4BJ</b>	102		
				green	B	<b>3SB19 02-4CJ</b>	102		
	Blinking (1.4 Hz) 29 mA 27 mA 24 mA		DC 24 V	red	B	<b>3SB19 02-4LC</b>	102	0.005	10
				yellow	B	<b>3SB19 02-4MC</b>	102		
				green	B	<b>3SB19 02-4NC</b>	102		
	<b>Glow lamps<sup>2)</sup></b> length 28 mm, bulb diameter 10 mm	Illuminated push-buttons and indicator lights	AC 110 V AC 220 V AC 220 V	clear clear green	B B B	<b>3SX1 703</b> <b>3SX1 701</b> <b>3SX1 702</b>	102 102 102	0.005	10
	<b>Lamp extractor</b>	Lamps with BA 9s bases	–		▶	<b>3SB19 02-2AD</b>	102	0.002	1
	<b>Lamp adapter</b> for fitting a wedge base into a BA 9s holder				B	<b>3SB19 02-1AU</b>	102	0.005	1
<b>Lamps for use on PCBs, wedge base</b>									
	<b>Incandescent lamps</b>								
	W2 × 4.6 d base, 1.0 W		6 V		B	<b>3SB29 08-1AA</b>	102	0.003	10
			12 V		B	<b>3SB29 08-1AB</b>	102		
			24 V		▶	<b>3SB29 08-1AC</b>	102		
			30 V		B	<b>3SB29 08-1AD</b>	102		
			48 V		B	<b>3SB29 08-1AE</b>	102		
			60 V		B	<b>3SB29 08-1AF</b>	102		
	<b>LEDs, super-bright</b>								
	W2 × 4.6 d base, operational current 10 mA		DC 24 V	red	B	<b>3SB39 01-1SB</b>	102	0.003	10
				yellow	B	<b>3SB39 01-1RB</b>	102		
				green	B	<b>3SB39 01-1TB</b>	102		
				white	B	<b>3SB39 01-1UB</b>	102		
				blue	B	<b>3SB29 08-1BD</b>	102		
	<b>Lamp extractor</b>	Lamps with base W2 × 4.6 d			▶	<b>3SB29 08-2AB</b>	102	0.002	1

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

2) Due to the inherent orange colour 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 lenses and in areas where ambient light levels are not very high.