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Pushbuttons and indicator lights for every application

Program overview

SIRIUS

Answers for industry.

SIEMENS

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Always know what is happening:

SIRIUS 3SB3 commanding and signaling devices

Special attention has to be paid to the interaction between man and machine. Fault sources and system disturbances must be signaled reliably – and as early as possible. And if things do get critical – the top priority is to safely and quickly stop machines and bring systems offline. Our extensive range of SIRIUS commanding and signaling devices is designed to meet the challenge. From pushbutton units, indicator lights, EMERGENCY SWITCHING-OFF/EMERGENCY STOP pushbuttons, two-hand operating consoles, foot switches, integrated signal lamps, and cable-operated switches – with SIRIUS commanding and signaling devices you can be confident in being able to handle every situation.

Innovative technology, revolutionary mounting and installation

Our complete range of pushbutton units and indicator lights is part of our extensive portfolio of SIRIUS commanding and signaling devices. This complete range is modular, well-proven in practice and is 100 % fit for industrial environments. Whether in plastic or rugged metal versions with a high IP67 degree of protection – we have the right solution for every application.
SIRIUS pushbutton units and indicator lights are not only innovative when it comes to technology and design – they are revolutionary as they are so simple to mount: Actuators and indicators, holders and contact blocks or lamp holders can be easily and safely assembled by one person with just a few hand movements. Simple and fast. The 3SB3 two-hand operating console and the 3SE2 foot switch round off our range of pushbutton units and indicator lights.

Convincing advantages

- Fast and reliable mounting by just one person
- Base or front panel mounting (also within candescent lamp, LED or integrated LED)
- Only one standard tool is required to mount
- Rugged metal version with a high IP67 degree of protection
- Versions with screw, spring-loaded terminal or solder pin connection systems
- Automatic inscription using the SIRIUS Label Designer
- Integrated in AS-Interface; directly connected to ASIsafe
- Direct attachment to AS-i yellow-shaped cable
- Online configurator to select completely mounted customized housings (http://www.siemens.com/sirius-commanding)

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Pushbutton units and indicator lights: Modular, proven in the field and fit for industry

Our 22 mm range of pushbutton units and indicator lights distinguishes itself with its high degree of functionality – and by an absolutely modern, flat design. And, just as innovative: the inherent ease of mounting. This is because actuators, indicators, holders as well as contact blocks and lamp holders can be reliably and firmly attached with just a few movements of the hand by just one person. In addition, the modular design provides a higher degree of flexibility: Multiple contact block types can be combined with both plastic or metal actuators. The same is true for the light elements and indicators.

EMERGENCY STOP mushroom pushbuttons: Reliably and quickly mounted

Our 3SB3 commanding devices are the optimum choice wherever man and machine interact. Here, our EMERGENCY STOP mushroom pushbutton is worthy of special mention. Thanks to its ergonomic design, it can be actuated with any surface of the hand – quickly engaging – therefore ensuring that plants and systems are quickly and reliably stopped when hazardous situations occur. The metal version is suitable for use in the toughest of conditions.

Enclosed operators: Designed for any application

Pushbutton units and indicator lights serve as manual commanding devices in spatially distributed controls. The housings are equipped with the 22 mm operator, contact blocks, and light elements and can be mounted by inserting the actuator element from the front through the hole in the upper section of the housing. The operators are secured using the included holder. The contact blocks and lamp holders with base mounting are snapped into the lower section of the housing. If desired, all enclosures can be equipped with actuator elements and contact blocks and connected to AS-Interface.

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Commanding and signaling:

Our portfolio at a glance

	3SB command and signaling devices		
	3SB pushbuttons and indicator lights	**3SB3 housing**	**3SB38 two-hand operation console**
Description	Indicator lights, pushbuttons, key-operated switches, illuminated pushbuttons, EMERGENCY STOP mushroom pushbuttons, contact blocks and lamp sockets, switches with rotary knobs	Encapsulated pushbuttons, indicator lights, EMERGENCY STOP enclosures, also customized enclosures available upon request	Two-hand operator consoles, including EMERGENCY STOP and 2 mushroom pushbuttons, additional commanding devices can be installed
Version	Molded plastic or metal, round, 22 mm diameter and square 26 x 26 mm	Molded plastic and metal	Molded plastic and metal
Mounting/connection	Can be installed by one person without any special tools, the actuators can be equipped in a modular fashion with contact block and lamp sockets. Screw connections, Cage-Clamp terminals, solder pins	Base or front-panel mounting	Can be mounted to a panel, wall, stand or directly in the plant, screw connection
Degree of protection	IP66/IP67 (molded plastic) and IP67 and NEMA4 (metal)	IP65/IP67 (metal)	IP65
Certification	UL, CSA, CE, BG (3SB3 EMERGENCY STOP)	UL, CSA, CE, BG (3SB3 EMERGENCY STOP)	EN 574, DIN 24980
Relevant Standards	IEC/EN 60947-1; IEC/EN 60947-5-1; IEC/EN 60947-5-5;		
AS-Interface	Pushbuttons and indicator lights can be quickly and simply connected to the AS-Interface communications system using different solutions. EMERGENCY STOP devices can be directly connected using the standard AS-Interface with safety-related communications	Enclosure with integrated AS-Interface. Standard commanding devices and EMERGENCY STOP can be connected in one enclosure. Modular design	Metal consoles can be retrofitted with the safety-related AS-Interface
Safety	Operating personnel actuate the EMERGENCY STOP mushroom pushbuttons to shut down plants and systems when hazardous situations arise	EMERGENCY STOP function with latching according to EN 418	EMERGENCY STOP function with latching according to ISO 13850

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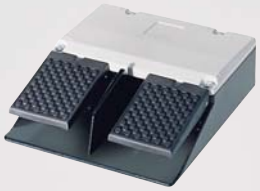

3SE commanding devices

3SE7 cable-operated switches	3SE29 foot-operated switches
System consisting of switch and cable. With and without latching. LED position display with extremely high illumination	Foot-operated command devices with either 1 or 2 pedals, with and without protective cover, either momentary or latching contacts
Metal	Molded plastic and metal
Screw connection	Screw connection
IP65	IP65
UL, CSA, CE	UL, CSA, CE
In acc. with ISO 13489-1; up to Performance Level e (EN 954-1, up to Cat. 4) EMERGENCY-STOP in acc. with ISO 13850 (EN 418)	Positively opening contacts in compliance with IEC 60947-5-1
Version with ASIsafe adapter	With conventional wiring, via the K45F safety module, K60F can be connected to ASIsafe
EMERGENCY STOP function with latching according to ISO 13850	Safety foot-operated switch with latching according to ISO 13850

8WD signaling devices

8WD4 signaling columns	8WD5 integrated lamps
Steady light, flashing light, rotating light, flash-type light, buzzing and siren elements	Steady light, with incandescent lamp or LED; flash-type light and rotating light
50/70 mm diameter	Thermo-plastic enclosure, 70 mm diameter
Simple to mount and install and change lamps without tools. Base/floor, pipe, angled bracket, single-hole mounting. Connected up using Cage-Clamp terminals or screw terminals	Retained using a PG-29 threaded socket with nut. Screw connection
IP65 (70 mm diameter)	IP65
UL, CSA, CE	UL, CSA, CE
IEC 60947-5-1	IEC 60947-5-1
The 8WD4 signaling columns can be directly connected to the AS-Interface bus system through an integrated adapter element	

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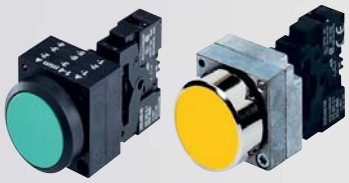
Complete units – pushbuttons and indicator lights



Pushbutton

with flat button, equipped with		equipped with	
1NC	3SB3 □03-0AA11	1NO + 1NC	3SB3 □01-0AA11
1NO	3SB3 □02-0AA11	1NO + 1NC	3SB3 □01-0AA21
1NC	3SB3 □03-0AA21	1NO + 1NC	3SB3 □01-0AA31
1NO	3SB3 □02-0AA31	1NO + 1NC	3SB3 □01-0AA41
1NO	3SB3 □02-0AA41	1NO + 1NC	3SB3 □01-0AA51
1NO	3SB3 □02-0AA51	1NO + 1NC	3SB3 □01-0AA61
1NO	3SB3 □02-0AA61		

Illuminated pushbutton

with flat button, equipped with		equipped with	
1NC + BA 9s	3SB3 □07-0AA21	1NO + 1NC + BA 9s	3SB3 □05-0AA21
1NO + BA 9s	3SB3 □06-0AA31	1NO + 1NC + BA 9s	3SB3 □05-0AA31
1NO + BA 9s	3SB3 □06-0AA41	1NO + 1NC + BA 9s	3SB3 □05-0AA41
1NO + BA 9s	3SB3 □06-0AA51	1NO + 1NC + BA 9s	3SB3 □05-0AA51
1NO + BA 9s	3SB3 □06-0AA61	1NO + 1NC + BA 9s	3SB3 □05-0AA61
clear 1NO + BA 9s	3SB3 □06-0AA71	clear 1NO + 1NC + BA 9s	3SB3 □05-0AA71

EMERGENCY STOP mushroom pushbuttons

with positive latching function according to IS 13850, Ø 40 mm latching, with yellow backing plate Ø 80 mm with rotate-to-unlatch mechanism

1NC	3SB3 □03-1HA20
1NO + 1NC	3SB3 □01-1HA20
with pull release	
1NC	3SB36 03-1TA20
1NO + 1NC	3SB36 01-1TA20

Mushroom-shaped push-pull switch

diameter 40 mm, maintained-contact type, equipped with

1NC	3SB3 □ 03-1CA21[1]
1NO + 1NC	3SB3 □ 01-1CA21[1]

Knob

2 switch positions, maintained-contact type, equipped with		3 switch positions, maintained-contact type, equipped with	
1NO	3SB3 □02-2KA11[1]	1NO, 1NO	3SB3 □10-2DA11[1]
1NO + 1NC	3SB3 □01-2KA11[1]	1NO + 1NC, 1NO + 1NC	3SB3 □08-2DA11[1]
Heavy-duty knob		Heavy-duty knob	
1NO	3SB36 02-2PA11	1NO, 1NO	3SB36 10-2SA11
1NO + 1NC	3SB36 01-2PA11	1NO + 1NC, 1NO + 1NC	3SB36 08-2SA11
		momentary-contact type	
		1NO, 1NO	3SB3 □10-2EA11[1]
		1NO + 1NC, 1NO + 1NC	3SB3 □08-2EA11[1]
		Heavy-duty knob	
		1NO, 1NO	3SB36 10-2TA11
		1NO + 1NC, 1NO + 1NC	3SB36 08-2TA11

1) This version is not available as square 3SB33
2) These versions are also available in round and square plastic design also with a smooth lens. The Order No. should be changed to 3SB3. ..-6BA.., e.g. 3SB3204-6BA20 for a round plastic indicator light with BA 9s lamp holder with smooth red lens.

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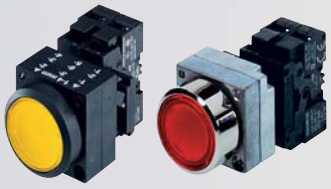

Illuminated pushbutton with integrated, super-bright LED

with flat button, operating voltage 24 V AC, with integrated LED, equipped with		equipped with		with flat button, operating voltage 230 V AC, with integrated LED, equipped with		equipped with	
1NC + LED	3SB3 □ 46-0AA21	1NO + 1NC + LED	3SB3 □ 47-0AA21	1NC + LED	3SB3 □ 54-0AA21	1NO + 1NC + LED	3SB3 □ 55-0AA21
1NO + LED	3SB3 □ 45-0AA31	1NO + 1NC + LED	3SB3 □ 47-0AA31	1NO + LED	3SB3 □ 53-0AA31	1NO + 1NC + LED	3SB3 □ 55-0AA31
1NO + LED	3SB3 □ 45-0AA41	1NO + 1NC + LED	3SB3 □ 47-0AA41	1NO + LED	3SB3 □ 53-0AA41	1NO + 1NC + LED	3SB3 □ 55-0AA41
1NO + LED	3SB3 □ 45-0AA51	1NO + 1NC + LED	3SB3 □ 47-0AA51	1NO + LED	3SB3 □ 53-0AA51	1NO + 1NC + LED	3SB3 □ 55-0AA51
1NO + LED	3SB3 □ 45-0AA61	1NO + 1NC + LED	3SB3 □ 47-0AA61	1NO + LED	3SB3 □ 53-0AA61	1NO + 1NC + LED	3SB3 □ 55-0AA61
1NO + LED	3SB3 □ 45-0AA71	1NO + 1NC + LED	3SB3 □ 47-0AA71	1NO + LED	3SB3 □ 53-0AA71	1NO + 1NC + LED	3SB3 □ 55-0AA71

RONIS safety lock

flat, 2 switching positions, maintained-contact type, with key which can be withdrawn in any position, Lock No. SB30, equipped with

1NO	3SB3 □ 02-4AD11[1)]
1NO + 1NC	3SB3 □ 01-4AD11[1)]

Indicator light

equipped with **BA 9s:**	operating voltage 24 V AC, with integrated LED, equipped with **LED:**	operating voltage 230 V AC, with integrated LED, equipped with **LED:**
3SB3 □ 04-6BA20[1)2)]	3SB3 □ 44-6BA20[1)2)]	3SB3 □ 52-6BA20[1)2)]
3SB3 □ 04-6BA30[1)2)]	3SB3 □ 44-6BA30[1)2)]	3SB3 □ 52-6BA30[1)2)]
3SB3 □ 04-6BA40[1)2)]	3SB3 □ 44-6BA40[1)2)]	3SB3 □ 52-6BA40[1)2)]
3SB3 □ 04-6BA50[1)2)]	3SB3 □ 44-6BA50[1)2)]	3SB3 □ 52-6BA50[1)2)]
3SB3 □ 04-6BA60[1)2)]	3SB3 □ 44-6BA60[1)2)]	3SB3 □ 52-6BA60[1)2)]
3SB3 □ 04-6BA70[1)2)]	3SB3 □ 44-6BA70[1)2)]	3SB3 □ 52-6BA70[1)2)]

Acoustic annunciator, IP65

continuous tone (2.4 kHz), operating current min.10 mA, min. sound pressure level 80 dB/10 cm, operating voltage

24 V AC/DC	3SB32 33-7BA10
115 V AC/DC	3SB32 34-7BA10
230 V AC/DC	3SB32 35-7BA10

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Actuating elements with holder

Pushbutton

with flat button

●	3SB3□□0-0AA11
●	3SB3□□0-0AA21
●	3SB3□□0-0AA31
●	3SB3□□0-0AA41
●	3SB3□□0-0AA51
○	3SB3□□0-0AA61
●	3SB3□□0-0AB51[1]
clear	3SB3□□0-0AA71
●	3SB3□□0-0AA81[1]
●	3SB3□□0-0AB01[1]
	3SB3□□0-0AB11[1]
●	3SB3□□0-0AB21[1]
R	3SB3□□0-0AC81[1]

Pushbutton

with raised button

●	3SB3□□0-0BA11[1]
●	3SB3□□0-0BA21[1]
●	3SB3□□0-0BA31[1]
●	3SB3□□0-0BA51[1]
○	3SB3□□0-0BA61[1]

Pushbutton

with raised button, maintained-contact type

●	3SB3000-0CA11
●	3SB3000-0CA21

Pushbutton

with raised front ring

●	3SB3□□0-0AA12
●	3SB3□□0-0AA22
●	3SB3□□0-0AA32[1]
●	3SB3□□0-0AA42
●	3SB3□□0-0AA52[1]
○	3SB3□□0-0AA62

Pushbutton

with raised front ring, with castellations

●	3SB3□□0-0AA13[2]
●	3SB3□□0-0AA23
●	3SB3□□0-0AA33[2]
●	3SB3□□0-0AA43[2]

Illuminated mushroom-shaped pushbutton

(incl. holder to snap on elements)

diameter 30 mm

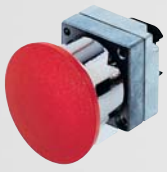
●	3SB3□□1-1DA31[1]
●	3SB3□□1-1DA41[1]
○	3SB3□□1-1DA61[1]

diameter 40 mm

●	3SB3□□1-1GA31[1]
●	3SB3□□1-1GA41[1]
○	3SB3□□1-1GA61[1]

diameter 60 mm

●	3SB35 01-1QA31
●	3SB35 01-1QA41
○	3SB35 01-1QA61



Push-pull switch

maintained-contact type

diameter 30 mm

●	3SB3□□0-1EA11[1]
●	3SB3□□0-1EA21[1]

diameter 40 mm

●	3SB3□□0-1CA11[1]
●	3SB3□□0-1CA21[1]

diameter 60 mm

●	3SB35 00-1RA11
●	3SB35 00-1RA21

Push-pull switch

illuminated (incl. holder to snap on elements)

diameter 30 mm

●	3SB3□□1-1EA21[1]
●	3SB3□□1-1EA31[1]
●	3SB3□□1-1EA41[1]
●	3SB3□□1-1EA51[1]
clear	3SB3□□1-1EA71[1]

diameter 40 mm

●	3SB3□□1-1CA21[1]
●	3SB3□□1-1CA31[1]
●	3SB3□□1-1CA41[1]
●	3SB3□□1-1CA51[1]
clear	3SB3□□1-1CA71[1]

diameter 60 mm

●	3SB35 01-1RA21
●	3SB35 01-1RA31
●	3SB35 01-1RA41
●	3SB35 01-1RA51
clear	3SB35 01-1RA71

EMERGENCY STOP mushroom pushbutton

with positive latching function according to IS 13850, latching, rotate-to-unlatch mechanism

diameter 32 mm

●	3SB3□□0-1FA20[1]

diameter 40 mm

●	3SB3□□0-1HA20

diameter 60 mm

●	3SB3□□0-1AA20[1]

EMERGENCY STOP mushroom pushbutton

with positive latching function according to ISO 13850, latching, pull-to-unlatch mechanism

diameter 40 mm

●	3SB3□□0-1TA20[1]

EMERGENCY STOP mushroom pushbutton

with switch position indication

Ø 40 mm

●	3SB3□□0-1HA26[1] [3]

1) This version is not available as square 3SB33
2) This version is not available as round, metal 3SB35
3) Version with mechanical switch position indicator on the front

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Illuminated pushbutton

with flat button
(including holder
to snap on elements)

- 3SB3 □□ 1-0AA21
- 3SB3 □□ 1-0AA31
- 3SB3 □□ 1-0AA41
- 3SB3 □□ 1-0AA51
- 3SB3 □□ 1-0AA61
- clear 3SB3 □□ 1-0AA71

Illuminated pushbutton

with raised button
(including holder
to snap on elements)

- 3SB3 □□ 1-0BA21 [1)]
- 3SB3 □□ 1-0BA31 [1)]
- 3SB3 □□ 1-0BA41 [1)]
- 3SB3 □□ 1-0BA51 [1)]
- clear 3SB3 □□ 1-0BA71 [1)]

Pushbutton

maintained-contact type
with flat button, released
by pressing again

- 3SB3 □□ 0-0DA11
- 3SB3 □□ 0-0DA21
- 3SB3 □□ 0-0DA31
- 3SB3 □□ 0-0DA41
- 3SB3 □□ 0-0DA51
- 3SB3 □□ 0-0DA61
- 3SB □□ 0-0DB51 [1)]

Illuminated pushbutton

maintained-contact type
with flat button, including
holder for 3 elements,
released by pressing again

- 3SB3 □□ 1-0DA21
- 3SB3 □□ 1-0DA31
- 3SB3 □□ 1-0DA41
- 3SB3 □□ 1-0DA51
- 3SB3 □□ 1-0DA61
- clear 3SB3 □□ 1-0DA71

Mushroom-shaped pushbutton

diameter 30 mm

- 3SB3 □□ 0-1DA11 [1)]
- 3SB3 □□ 0-1DA21 [1)]
- 3SB3 □□ 0-1DA31 [1)]
- 3SB3 □□ 0-1DA41 [1)]

diameter 40 mm

- 3SB3 □□ 0-1GA11 [1)]
- 3SB3 □□ 0-1GA21 [1)]
- 3SB3 □□ 0-1GA31 [1)]
- 3SB3 □□ 0-1GA41 [1)]

diameter 60 mm

- 3SB3 □□ 0-1QA11 [1)]
- 3SB3 □□ 0-1QA21 [1)]
- 3SB3 □□ 0-1QA31 [1)]
- 3SB3 □□ 0-1QA41 [1)]

EMERGENCY STOP mushroom pushbutton

with positive latching function
according to ISO 13850, Ø 40
mm, with snap action, latching
with safety lock, key release

- RONIS
- 3SB3 □□ 0-1BA20
- CES
- 3SB3 □□ 0-1KA20
- BKS
- 3SB3 □□ 0-1LA20
- OMR
- 3SB3 □□ 0-1MA20
- IKON
- 3SB3500-1UA20

Knob

2 switch positions
0-I maintained-contact type/
0-I momentary-contact type

- 3SB3 □□ 0-2KA11/
  3SB3 □□ 0-2LA11
- 3SB3 □□ 0-2KA21/
  3SB3 □□ 0-2LA21
- 3SB3 □□ 0-2KA41/
  3SB3 □□ 0-2LA41
- 3SB3 □□ 0-2KA61/
  3SB3 □□ 0-2LA61

Heavy-duty knob

- 3SB35 00-2PA11/
  3SB35 00-2QA11
- 3SB35 00-2PA21/
  3SB35 00-2QA21
- 3SB35 00-2PA41/
  3SB35 00-2QA41
- 3SB35 00-2PA61/
  3SB35 00-2QA61

Knob

3 switch positions
I-0-II maintained-contact type/
I-0-II momentary-contact type

- 3SB3 □□ 0-2DA11/
  3SB3 □□ 0-2EA11
- 3SB3 □□ 0-2DA21/
  3SB3 □□ 0-2EA21
- 3SB3 □□ 0-2DA41/
  3SB3 □□ 0-2EA41
- 3SB3 □□ 0-2DA61/
  3SB3 □□ 0-2EA61

Heavy-duty knob

- 3SB35 00-2SA11/
  3SB35 00-2TA11
- 3SB35 00-2SA21/
  3SB35 00-2TA21
- 3SB35 00-2SA41/
  3SB35 00-2TA41
- 3SB35 00-2SA61/
  3SB35 00-2TA61

Illuminated knob

2 switch positions
0-I maintained-contact type/
0-I momentary-contact type
(incl. holder to snap on elements)

- 3SB3 □□ 1-2KA21/
  3SB3 □□ 1-2LA21
- 3SB3 □□ 1-2KA31/
  3SB3 □□ 1-2LA31
- 3SB3 □□ 1-2KA41/
  3SB3 □□ 1-2LA41
- 3SB3 □□ 1-2KA51/
  3SB3 □□ 1-2LA51
- clear 3SB3 □□ 1-2KA71/
  3SB3 □□ 1-2LA71

Heavy-duty knob

- 3SB35 01-2PA21/
  3SB35 01-2QA21
- 3SB35 01-2PA31/
  3SB35 01-2QA31
- 3SB35 01-2PA41/
  3SB35 01-2QA41
- 3SB35 01-2PA51/
  3SB35 01-2QA51
- clear 3SB35 01-2PA71/
  3SB35 01-2QA71

Illuminated knob

3 switch positions
I-0-II maintained-contact type/
I-0-II momentary-contact type
(incl. holder to snap on elements)

- 3SB3 □□ 1-2DA21/
  3SB3 □□ 1-2EA21
- 3SB3 □□ 1-2DA31/
  3SB3 □□ 1-2EA31
- 3SB3 □□ 1-2DA41/
  3SB3 □□ 1-2EA41
- 3SB3 □□ 1-2DA51/
  3SB3 □□ 1-2EA51
- 3SB3 □□ 1-2DA71/
  3SB □□ 1-2EA71

Heavy-duty knob

- 3SB35 01-2SA21/
  3SB35 01-2TA21
- 3SB35 01-2SA31/
  3SB35 01-2TA31
- 3SB35 01-2SA41/
  3SB35 01-2TA41
- 3SB35 01-2SA51/
  3SB35 01-2TA51
- clear 3SB35 01-2SA71/
  3SB35 01-2TA71

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Actuator and indicator elements with holders

Round, molded-plastic	3SB3 0 0 ..-.....
Round, metal	3SB3 5 0 ..-.....
Square, molded-plastic	3SB3 1 1 ..-.....

RONIS safety lock

flat, Lock No. SB30[3]

1	0+I	3SB3 □□ 0-4AD11
	0	3SB3 □□ 0-4AD01
	I	3SB3 □□ 0-4AD21
2	0	3SB3 □□ 0-4BD01
3	I+0+II	3SB3 □□ 0-4DD11
	0	3SB3 □□ 0-4DD01
4	0	3SB3 □□ 0-4ED01

CES safety lock

Lock No. SSG10[3]

1	0+I	3SB3 □□ 0-4LD11
	0	3SB3 □□ 0-4LD01
	I	3SB3 □□ 0-4LD21
2	0	3SB3 □□ 0-4MD01
3	I-0+II	3SB3 □□ 0-4PD11
	0	3SB3 □□ 0-4PD01
	0	3SB3 □□ 0-4PD05
	I+II	3SB3 □□ 0-4PD41[1]
	I	3SB3 □□ 0-4PD21[1]
	II	3SB3 □□ 0-4PD31[1]
4	0	3SB3 □□ 0-4QD01

IKON safety lock

Lock No. 360012K1

1	0+I	3SB3 □□ 0-5LD11
	0	3SB3 □□ 0-5LD01
2	0	3SB3 □□ 0-5MD01
3	I-0+II	3SB3 □□ 0-5PD11[1]
	0	3SB3 □□ 0-5PD01[1]
	I+II	3SB3 □□ 0-5PD41[2]
4	0	3SB3 □□ 0-5QD01

BKS safety lock

Lock No. S1[3]

1	0+I	3SB3 □□ 0-5AD11
	0	3SB3 □□ 0-5AD01
	I	3SB3 □□ 0-5AD21
2	0	3SB3 □□ 0-5BD01
3	I-0+II	3SB3 □□ 0-5DD11
	0	3SB3 □□ 0-5DD01[1]
	I+II	3SB3 □□ 0-5DD41[2]
	I	3SB3 □□ 0-5DD21[1]
	II	3SB3 □□ 0-5DD31
4	0	3SB3 □□ 0-5ED01[1]

OMR safety lock

light blue, Lock No. 73038[3]

1	0+I	3SB3 □□ 0-3AG11
	0	3SB3 □□ 0-3AG01
	I	3SB3 □□ 0-3AG21[1]
2	0	3SB3 □□ 0-3BG01
3	I-0+II	3SB3 □□ 0-3DG11
	0	3SB3 □□ 0-3DG01[1]
	I+II	3SB3 □□ 0-3DG41[2]
)		
4	0	3SB3 □□ 0-3EG01[1]

OMR safety lock

red, Lock No. 73037[3]

1	0+I	3SB3 □□ 0-3AH11
	0	3SB3 □□ 0-3AH01
	I	3SB3 □□ 0-3AH21[1]
2	0	3SB3 □□ 0-3BH01
3	I-0+II	3SB3 □□ 0-3DH11[1]
	0	3SB3 □□ 0-3DH01
	I+II	3SB3 □□ 0-3DH41[2]
4	0	3SB3 □□ 0-3EH01[1]

OMR safety lock

black, Lock No. 73034

1	0+I	3SB3 □□ 0-3AJ11
	0	3SB3 □□ 0-3AJ01
	I	3SB3 □□ 0-3AJ21
2	0	3SB3 □□ 0-3BJ01
3	I-0+II	3SB3 □□ 0-3DJ11
	0	3SB3 □□ 0-3DJ01
	I+II	3SB3 □□ 0-3DJ41[2]
4	0	3SB3 □□ 0-3EJ01[1]

OMR safety lock

yellow, Lock No. 73033

1	0+I	3SB3 □□ 0-3AK11
	0	3SB3 □□ 0-3AK01
	I	3SB3 □□ 0-3AK21[1)2)]
2	0	3SB3 □□ 0-3BK01
3	I-0+II	3SB3 □□ 0-3DK11[1]
	0	3SB3 □□ 0-3DK01[1]
	I+II	3SB3 □□ 0-3DK41[2]
4	0	3SB3 □□ 0-3EK01[1]

Indicator light

smooth

●	3SB3 □□ 1-6AA20
●	3SB3 □□ 1-6AA30
●	3SB3 □□ 1-6AA40
●	3SB3 □□ 1-6AA50
○	3SB3 □□ 1-6AA60
clear	3SB3 □□ 1-6AA70

Indicator light

with concentric rings

●	3SB3 □□ 1-6BA20[1]
●	3SB3 □□ 1-6BA30[1]
●	3SB3 □□ 1-6BA40[1]
●	3SB3 □□ 1-6BA50[1]
○	3SB3 □□ 1-6BA60[1]
clear	3SB3 □□ 1-6BA70[1]

Acoustic annunciator, IP40

with 24 V DC acoustic transducer

3SB30 00-7AA10

Twin pushbutton unit

with flat buttons, degree of protection IP65

I ●	3SB31 00-8AC21
I ●	3SB31 00-8AC31

Twin pushbutton unit

with indicator light, with flat buttons, degree of protection IP65, incl. transformer for 3 elements

I ●	3SB31 01-8BC21
I ●	3SB31 01-8BC31

Twin pushbutton unit

with one flat button and one raised button, degree of protection IP65

I ●	3SB31 00-8CC21
I ●	3SB31 00-8CC31

Twin pushbutton unit

with indicator light, with one flat button and one raised button, degree of protection IP65, incl. holder for 3 elements

I ●	3SB31 01-8DC21
I ●	3SB31 01-8DC31

1) This version is not available in square design
2) This version is not available in round, molded-plastic design
3) Key withdrawable with position

1	2 switch positions, maintained-contact type, 50° operating angle
2	2 switch positions, momentary-contact type, 50° operating angle
3	3 switch positions, maintained-contact type, 2 x 50° operating angle
4	3 switch positions, momentary-contact type, 2 x 50° operating angle

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Accessories: contact blocks and lamp holders

Contact blocks with screw terminals

for front-panel mounting

1NO 3SB34 00-0B	1NC 3SB34 00-0C	1NO + 1NC 3SB34 00-0A	2NO 3SB34 00-0D
	1NC 3SB34 00-0M (with mounting monitoring)	1 NO leading + 1 NC delayed 3SB34 00-0H	2NC 3SB34 00-0E

Contact blocks with Cage-Clamp terminals

for front-panel mounting

1NO 3SB34 03-0B	1NC 3SB34 03-0C	1NO + 1NC 3SB3403-0A	2NC 3SB3403-0E
	1NC 3SB34 03-0M (with mounting monitoring)	2NO 3SB3403-0D	1NO leading + 1NC delayed 3SB3403-0H

Lamp holder with integrated LED and screw terminals

	24 V AC/DC	120 V AC	230 V AC
yellow	3SB3400-1PA	3SB3400-1QA	3SB3400-1RA
red	3SB3400-1PB	3SB3400-1QB	3SB3400-1RB
turquoise	3SB3400-1PC	3SB3400-1QC	3SB3400-1RC
blue	3SB3400-1PD	3SB3400-1QD	3SB3400-1RD
white	3SB3400-1PE	3SB3400-1QE	3SB3400-1RE

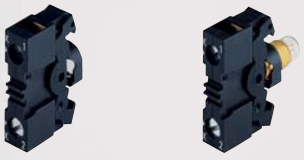
Lamp holder with integrated LED and Cage-Clamp terminals

	24 V AC/DC	120 V AC	230 V AC
yellow	3SB3403-1PA	3SB3403-1QA	3SB3403-1RA
red	3SB3403-1PB	3SB3403-1QB	3SB3403-1RB
turquoise	3SB3403-1PC	3SB3403-1QC	3SB3403-1RC
blue	3SB3403-1PD	3SB3403-1QD	3SB3403-1RD
white	3SB3403-1PE	3SB3403-1QE	3SB3403-1RE

Lamp holder with screw terminals

BA 9s with 130 V lamp operating voltage

230/240 V AC 3SB34 00-1C	
110/130 V AC 3SB34 00-1B	



Lamp holder with screw terminals

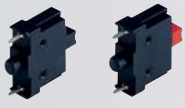
for front-panel mounting

BA 9s 3SB34 00-1A	BA 9s with lamp 24 V AC/DC 3SB34 00-1D

Lamp holder with Cage-Clamp terminals

for front-panel mounting

BA 9s 3SB34 03-1A	BA 9s with 130 V lamp operating voltage 230/240 V 3SB34 03-1C



Contact blocks with solder pin

for PCB mounting

1NO 3SB34 11-0B	1NC 3SB34 11-0C

Lamp holder with solder pins

for PCB mounting (without lamp)

W2 x 4,6d 3SB34 11-1A

Transformers

for snapping onto lamp holder 3SB34 00-1A, 50/60 Hz

127/24 V 127/6 V	3SB34 00-3A 3SB34 00-3M	240/24 V 240/6 V	3SB34 00-3C 3SB34 00-3P	400/24 V 400/6 V	3SB34 00-3F 3SB34 00-3S

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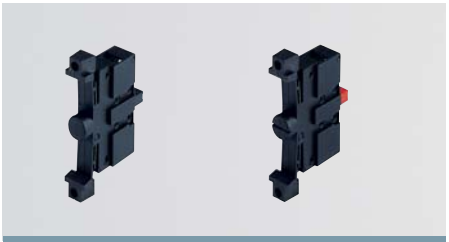
Accessories: contact blocks and lamp holders for enclosures

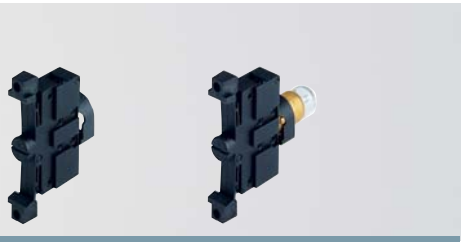


Contact blocks with screw terminals

1NO	1NC
3SB34 20-0B	3SB34 20-0C

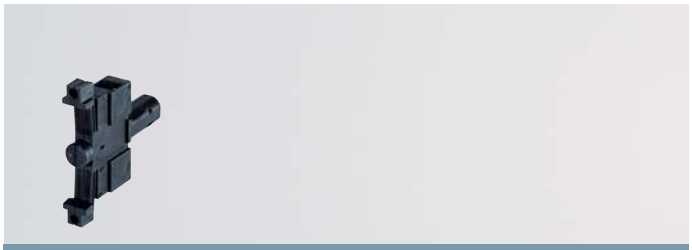
Contact blocks with Cage-Clamp terminals

1NO	1NC
3SB34 23-0B	3SB34 23-0C



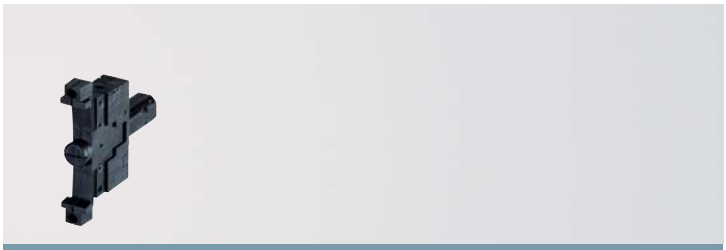
Lamp holders with screw terminals

BA 9s	Operating voltage 230/240 V AC BA 9s with integrated voltage reducer and 130 V lamp
3SB34 20-1A	3SB34 20-1C



Lamp holder with integrated LED and screw terminals

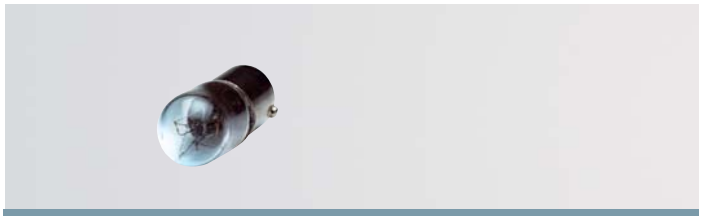
	24 V AC/DC	120 V AC	230 V AC
●	3SB3420-1PA	3SB3420-1QA	3SB3420-1RA
●	3SB3420-1PB	3SB3420-1QB	3SB3420-1RB
●	3SB3420-1PC	3SB3420-1QC	3SB3420-1RC
●	3SB3420-1PD	3SB3420-1QD	3SB3420-1RD
○	3SB3420-1PE	3SB3420-1QE	3SB3420-1RE



Lamp holders with integrated LED and Cage-Clamp terminals

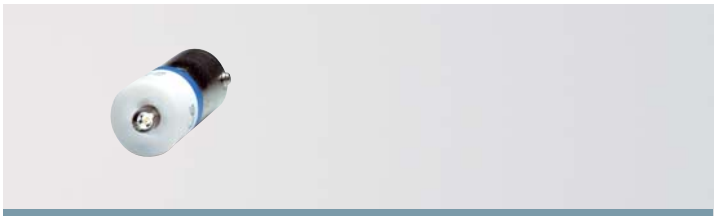
	24 V AC/DC	120 V AC	230 V AC
●	3SB3423-1PA	3SB3423-1QA	3SB3423-1RA
●	3SB3423-1PB	3SB3423-1QB	3SB3423-1RB
●	3SB3423-1PC	3SB3423-1QC	3SB3423-1RC
●	3SB3423-1PD	3SB3423-1QD	3SB3423-1RD
○	3SB3423-1PE	3SB3423-1QE	3SB3423-1RE

Accessories: lamps



Incandescent lamps, socket BA 9s, 1.2 W, lamps in a package: 10

24 V	3SX1344
110...130 V	3SX1731



LED lamps, socket BA 9s, operating current max. 15 mA, lamps in a package: 10

	24 V AC/DC	230 V AC
●	3SB3901-1CA	3SB3901-1CF
●	3SB3901-1BA	3SB3901-1BF
●	3SB3901-1DA	3SB3901-1DF
○	3SB3901-1PA	3SB3901-1PF
	3SB3901-1QA	3SB3901-1QF

Lamps for PC-board mounting, socket wedge-base, W2 x 4.6 d, 1.0 W, lamps in a package: 10

24 V	3SB2908-1AC

LED lamps, socket, W2 x 4.6 d, lamps in a package: 10

●	24 V DC
●	3SB3901-1SB
●	3SB3901-1RB
●	3SB3901-1TB
○	3SB3901-1BD
	3SB3901-1UB

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Accessories: plates

Inscription plates (plastic, black with white lettering or silver with black lettering)

	12.5 mm x 27 mm Self-adhesive inscription plates		27 mm x 27 mm Self-adhesive inscription plates		22 mm x 22 mm Self-adhesive inscription plates	
Inscription		PKG (labels in a package)		PKG (labels in a package)		PKG (labels in a package)
Blank	3SB3902-1AA	10	3SB3903-1AA	10	3SB3906-1AA	10
On	3SB3902-1AB	10	3SB3903-1AB	10	3SB3906-1AB	10
Off	3SB3902-1AC	10	3SB3903-1AC	10	3SB3906-1AC	10
Up	3SB3902-1AD	10	3SB3903-1AD	10	3SB3906-1AD	10
Down	3SB3902-1AE	10	3SB3903-1AE	10	3SB3906-1AE	10
Forward	3SB3902-1AF	10	3SB3903-1AF	10	3SB3906-1AF	10
Reverse	3SB3902-1AG	10	3SB3903-1AG	10	3SB3906-1AG	10
Left	3SB3902-1AJ	10	3SB3903-1AJ	10	3SB3906-1AJ	10
Right	3SB3902-1AH	10	3SB3903-1AH	10	3SB3906-1AH	10
Start	3SB3902-1AP	10	3SB3903-1AP	10	3SB3906-1AP	10
Fault	3SB3902-1AQ	10	3SB3903-1AQ	10	3SB3906-1AQ	10
O I	3SB3902-1MF	10	3SB3903-1MF	10	3SB3906-1MF	10
Labels that can be inscribed (white) using the SIRIUS Label Designer software (more information is provided on Page 15)						
	3SB3902-2AA	480	3SB3903-2AA	480	3SB3906-2AA	700

Plate holders			Holders	
for inscription plates	12.5 x 27 mm	27 x 27 mm	to snap on 3 elements, PS: 10	with pressure support elements for knob, safety lock and twin pushbutton unit to actuate the center contact block, PS: 10
for round actuators, PS: 10	3SB39 22-0AV	3SB39 23-0AV	3SB39 01-0AB	3SB39 01-0AC
for square actuators, PS: 5	3SB39 42-0AX	3SB39 43-0AX		
for twin pushbutton units, PS: 5	3SB39 22-0AY	–		

Backing plate as contrast surface for EMERGENCY STOP			Blanking plug		Protective collar	
	23 mm hole,	Cut-out 26 mm x 26 mm, outer diameter 80 mm				5 holes for padlocks, yellow, plastic
Inscription	for round version	for square version				
No inscription	3SB3921-0AB	3SB3941-0AB	round	3SB39 21-0AA	3SB39 21-0AK	3SB3921-0CG
EMERGENCY STOP	3SB3921-0AD	3SB3941-0AD	round, metal	3SB19 02-0AQ		
No inscription	3SB3921-0DA (illuminable)		square	3SB39 41-0AA		

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Housings

Surface-mounting units; cable entry at top and bottom, 1 x M20 each
Molded-plastic housing 0
Metal housing 2

1 command point	1 command point	1 command point	2 command points	3 command points
green pushbutton, 1 NO, inscription plate "I" 3SB38 01-□DA3	EMERGENCY STOP mushroom pushbutton with positive latching function according to ISO 13850, 1 NC, Ø 40 mm, latching 3SB38 01-□DG3	EMERGENCY STOP mushroom pushbutton with positive latching function according to ISO 13850, 1 NC, Ø 40 mm, latching with protective collar 3SB38 01-□DF3	green pushbutton, 1 NO, inscription plate "I"; red pushbutton, 1 NC, inscription plate "0" 3SB38 02-□DA3	clear indicator light, BA 9s, blank inscription plate; green pushbutton, 1 NO, inscription plate "I"; red pushbutton, 1 NC, inscription plate "0" 3SB38 03-□DA3
red pushbutton, 1 NC, inscription plate "0" 3SB38 01-□DB3		EMERGENCY STOP mushroom pushbutton, Ø 60 mm with protective collar for 5 padlocks, metal enclosure yellow 3SB3801-2EA30-0CC0	white pushbutton, 1 NO, inscription plate "I"; black pushbutton, 1 NC, inscription plate "0" 3SB38 02-□DB3	black pushbutton, 1NO, inscription plate "II"; black pushbutton, 1 NO, inscription plate "I"; red pushbutton, 1 NC, inscription plate "0" 3SB38 03-□DB3
white pushbutton, 1 NO, inscription plate "I" 3SB38 01-□DD3		EMERGENCY STOP mushroom pushbutton, Ø 60 mm with protective collar for 5 padlocks, metal enclosure gray 3SB801-2EB30-0CC0		clear indicator light, BA 9s, blank inscription plate; white pushbutton, 1NO, inscription plate "I"; black pushbutton, 1NC, inscription plate "0" 3SB38 03-□DC3
black pushbutton, 1 NC, inscription plate "0" 3SB38 01-□DE3				

1 to 6 command points
Pendant pushbutton 3SB38 87-1AZ

Empty housings

Cable entry
at the top and bottom, 1 x metric thread each:
M20 for 1 to 3 command points
M25 for 4 to 6 command points

1 command point	2 command points	3 command points	4 command points	6 command points
3SB38 01-□AA3	3SB38 02-□AA3	3SB38 03-□AA3	3SB38 04-□AA3	3SB38 06-□AA3
3SB38 01-□AB3 (for EMERGENCY STOP)				

Housing for contact blocks and lamp holders for base mounting or for single-pole contact blocks and lamp holders for front-panel mounting.

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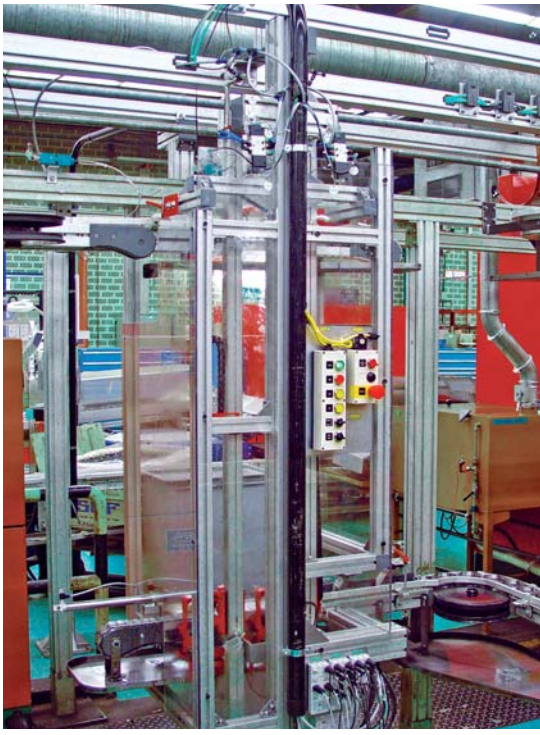
Smart add-ons – AS-Interface and SIRIUS Label Designer

Our SIRIUS commanding and signaling devices can be connected up in various ways: Conventionally, through AS-Interface or safely and in a user-friendly fashion via ASIsafe® with our 3TK28 safety relays or to the ET 200S® distributed I/O.



Connection with AS-Interface

SIRIUS commanding and signaling devices are ideally suited for networked systems in your plant or equipment. The individual components can be integrated into the AS-Interface system. The reason: In compliance with IEC 62026-2, they are fully compatible to AS-Interface components such as master, slaves, power supply, etc. – and can be operated together on the yellow AS-Interface cable. This means that Siemens supplies all of the components to configure a safety-relevant AS-Interface network.

Safety-relevant communications via ASIsafe

Safety-relevant components can be integrated into AS-Interface – up to Cat. 4 according to (EN 954-1) DIN EN ISO 13849-1 or SIL3 according to IEC 61508 – using ASIsafe, the safety-relevant version of AS-Interface. This can be implemented just as simply as for standard components – using the yellow AS-Interface cable. This means that safety-relevant and standard I/O modules are installed and operated together in one and the same network. Safety-relevant data is transferred using the existing standard bus – which means that you profit from enormous cost savings when it comes to installation and engineering. And it goes without saying that all of the relevant standards are complied with. The network infrastructure with AS-Interface master, power supply and shaped cable remains unchanged.

Advantages at a glance:

- Safety-relevant and standard data on just one bus
- Neither failsafe PLC nor special master required
- Groups of safety-relevant signals can be formed
- Simple system configuration using standardized AS-Interface technology
- Existing systems can be quickly and simply expanded

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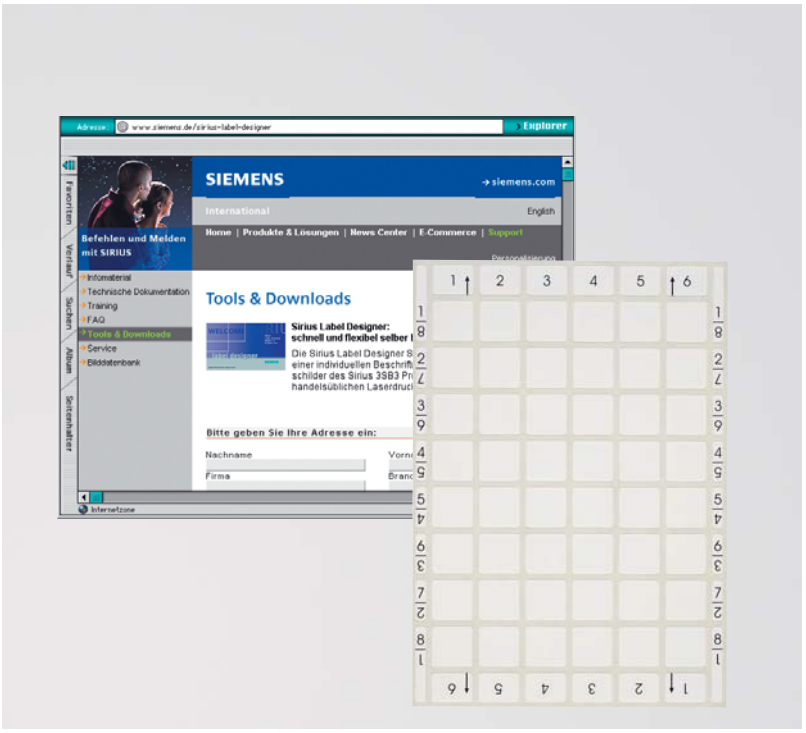

EMERGENCY STOP devices

EMERGENCY STOP devices can be directly connected using the Standard AS-Interface with safety-relevant communications. This applies to SIRIUS 3SB3 EMERGENCY STOP commanding devices. These can either be installed in the front panel or can be mounted in an enclosure. An EMERGENCY STOP device mounted in the front panel can be directly connected to AS-Interface via a safety module (F-adapter).

Ordering data
for EMERGENCY STOP actuator SIRIUS 3SB3
front panel mounting **3SF5 402-1AA03**

Software/Tool SIRIUS Label Designer

You can create your own label plates using a commercially available laser printer using this software and the labels that you can inscribe yourself (on Page 13). The adhesive labels are then attached to our plate holders. The latching labels can be snapped-on to the plate holders – the round ones are inserted in the caps of the illuminated pushbuttons and switches. Three-line texts or symbols can be printed. For applications with higher demands, we recommend our plastic plates for laser inscription. More information:

http://www.siemens.com/sirius-label-designer
Labels that you can inscribe yourself:
Refer to Page 13

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Enclosures* with AS-Interface connection

* Molded-plastic enclosures are equipped with connections for AS-Interface ribbon cables or insulation piercing technology; for the metal versions, the AS-Interface cable is fed into the enclosure.

EMERGENCY STOP	2 command points	3 command points
EMERGENCY STOP mushroom pushbutton with positive latching function according to ISO 13850, via AS-Interface adapter, yellow enclosure top, without protective collar 3SF58 11-☐AA08	green pushbutton, inscription plate "I"; red pushbutton, inscription plate "0" 3SF58 12-☐DA00	clear indicator light, BA 9s, blank inscription plate; green pushbutton, inscription plate "I"; red pushbutton, inscription plate "0" 3SF58 13-☐DA00
EMERGENCY STOP mushroom pushbutton with positive latching function according to ISO 13850, via AS-Interface adapter, yellow enclosure top, with protective collar 3SF58 11-☐AB08	white pushbutton, inscription plate "I"; black pushbutton, inscription plate "0" 3SF58 12-☐DB00	black pushbutton, inscription plate "II"; black pushbutton, inscription plate "I"; red pushbutton, inscription plate "0" 3SF58 13-☐DB00
		clear indicator light, BA 9s, blank inscription plate; white pushbutton, inscription plate "I"; black pushbutton, inscription plate "0" 3SF58 13-☐DC00

AS-Interface slaves for AS-Interface housings equipped by the customer				Cable set
F-slave, 2 safety inputs for molded-plastic housings, 1–6 command points, without protective collar 3SF5 500-0BA	F-slave, 2 safety inputs for molded-plastic or metal housings, 1 command point, with protective collar 3SF5 500-0DA	A/B slave, 4 inputs/3 outputs for molded-plastic housings, 2–6 command points 3SF5 500-0BB	Slave, 4 inputs/4 outputs for molded-plastic housings, 2–6 command points 3SF5 500-0BC	For F-slave 3SF5 900-0BA
F-slave, 2 safety inputs for metal housings, 1–6 command points, without protective collar 3SF5 500-0CA		A/B slave, 4 inputs/3 outputs for metal housings, 2–6 command points 3SF5 500-0CB	Slave, 4 inputs/4 outputs for metal housings, 2–6 command points 3SF5 500-0CC	For slave 4 I/4 O or for slave 4 I (3 O) 3SF5 900-0BB

Connection elements for AS-Interface housings equipped by the customer			
For AS-Interface ribbon cables, connected using insulation piercing technology, for molded-plastic housings, 1–3 command points 3SF5 900-0CA	For AS-Interface connection through an M12 connector, 1–3 command points 3SF5 900-☐CC	For AS-Interface ribbon cables, cable is introduced into the housing, for molded-plastic or metal housings, 1–3 command points 3SF5 900-0CG	For round cables, cable is introduced into the housing, for molded-plastic or metal housings, 1–3 command points 3SF5 900-0CJ
For AS-Interface ribbon cables, connection using insulation piercing technology, for molded-plastic housings, 4–6 command points 3SF5 900-0CB	For AS-Interface connection through an M12 connector, 4–6 command points 3SF5 900-☐CD	For AS-Interface ribbon cables, cable is introduced into the housing, for molded-plastic or metal housings, 4–6 command points 3SF5 900-0CH	For round cables, cable is introduced into the housing, for molded-plastic or metal housings, 4–6 command points 3SF5 900-0CJ

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