

SIEMENS



SIRIUS

Commanding & Signaling Devices

Portfolio Overview

[siemens.com/sirius](https://www.siemens.com/sirius)

Answers for industry.

Simple and fulltime control:

SIRIUS commanding and signaling devices



Increasingly complex machines and processes entail rising risk potentials and aggravated safety requirements. This necessitates a seamless dialog between man and machine in order to signal fault sources and interference factors in time and to safely stop machines and systems in case of danger. These tasks are perfectly mastered by our SIRIUS® commanding and signaling devices. From pushbuttons to indicator lights, foot switches, two-hand operation consoles and cable-operated switches, down to signaling columns and integrated signal lamps – we offer a full-range portfolio of solutions which facilitate competent control over all situations and thus ensure the reliable protection of persons and machines.

Pushbuttons and indicator lights

SIRIUS pushbuttons and indicator lights 3SB3 offer maximum functionality. The devices feature a modern and flat design and are available both in plastic and metal. They are characterized by optimum ease of mounting: Whether actuator, indicator, support or switching and light elements – all components can be safely, rapidly and ruggedly mounted by a single person with only a few flicks of the wrist. Depending on the requirements, integration is realized via conventional industrial controls or via AS-Interface. For special ambient conditions, we offer additional polyamide versions for the metal range, e.g. with oil resistance.



Page 6

Cable-operated switches

Perfectly matched to your requirements: Our SIRIUS cable-operated switches 3SE7 can be employed for the monitoring of hazardous areas or as EMERGENCY-STOP device. Yet, they have more to offer: The complete devices in metal enclosure are for example available with two-side operation for long distances of up to 2 x 75 m or as belt misalignment devices for belt conveyor monitoring. Connection is possible via standard AS-Interface with safety-oriented communication. Optionally, also LED technology or cable-operated switches with an integrated EMERGENCY-STOP pushbutton can be used.



Page 24

Signaling columns and integrated signal lamps

SIRIUS signaling columns and integrated signal lamps 8WD are the ideal solution when it comes to the safe control of complex and fast processes. The modular devices are flexibly applicable and accommodate visual and acoustic warning elements such as continuous light, flashlight, LED or summer. Thanks to their robust design and high degree of protection, the devices are resistant to shock and vibration and are fully communication-capable via AS-Interface. Connection to AS-Interface is realized via an adapter module which allows for the plug-on connection of up to three light elements. Diagnostics are indicated via an LED status display.

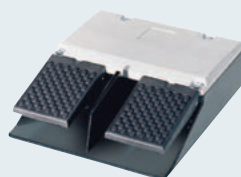


Page 28

Our portfolio at a glance



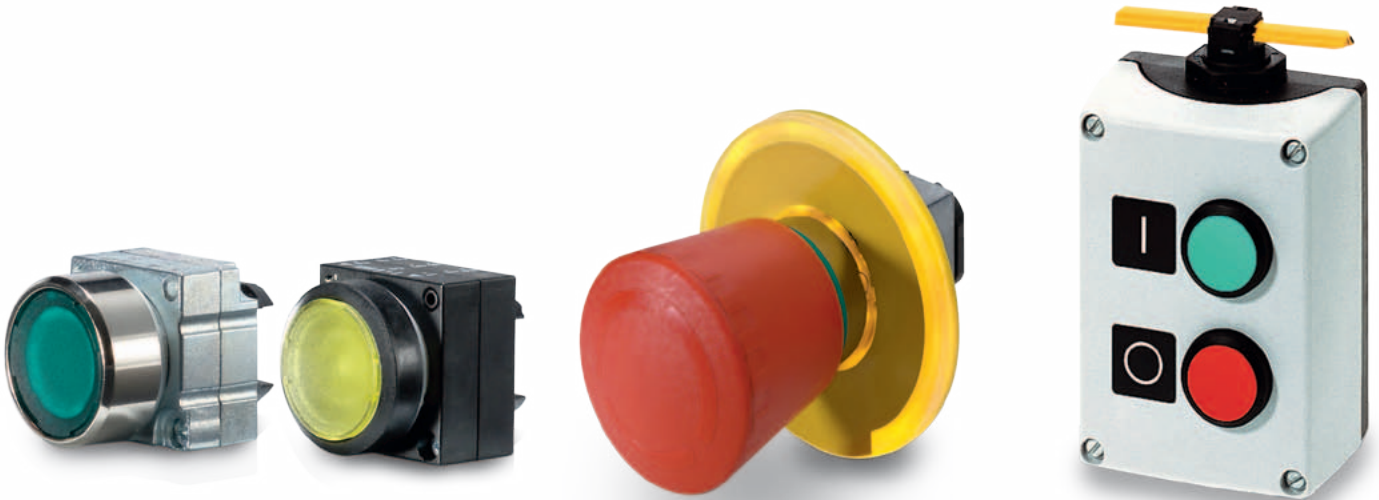
	3SB command and signaling devices		
	3SB pushbuttons and indicator lights	3SB3 housing	3SB38 two-hand operation console
Description	Indicator lights, pushbuttons, key-operated switches, illuminated pushbuttons, EMERGENCY STOP mushroom pushbuttons, contact blocks and lamp sockets, switches with rotary 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	<ul style="list-style-type: none"> 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	Fast and easy connection to AS-Interface; optional direct connection of EMERGENCY-STOP devices via standard AS-Interface with safety-oriented communication	<ul style="list-style-type: none"> Enclosure with integrated AS-Interface Standard commanding devices and EMERGENCY-STOP can be mounted in one enclosure Modular design 	Metal consoles can be retrofitted with the safety-related AS-Interface
Safety	EMERGENCY-STOP mushroom pushbuttons are employed for system shutdown in hazardous situations	EMERGENCY STOP function with latching according to EN 418	EMERGENCY STOP function with latching according to ISO 13850
Options	<ul style="list-style-type: none"> Online configurator for customized enclosures: www.siemens.com/sirius-commanding Automatic labeling by means of Label Designer: www.siemens.com/sirius-label-designer (see page 14 for labels for self-labeling) Solvent-resistant metal range 		



3SE commanding devices		8WD signaling devices	
3SE7 cable-operated switches	3SE29 foot-operated switches	8WD4 signaling columns	8WD5 integrated lamps
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	Optionally with continuous, repeated-flash, rotating or single-flash, buzzer, siren and LED elements	Steady light, with incandescent lamp or LED; flash-type light and rotating light
Metal	Molded plastic and metal	50/70 mm diameter	Thermo-plastic enclosure, 70 mm diameter
Screw connection	Screw connection	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/IP67	IP65	IP65 (70 mm diameter)	IP65
UL, CSA, CE	UL, CSA, CE	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	IEC 60947-5-1	IEC 60947-5-1
Version with ASIsafe adapter	With conventional wiring, via the K45F safety module, K60F can be connected to ASIsafe	<ul style="list-style-type: none"> 8WD4 signaling columns can be directly connected to the AS-Interface bus system via an integrated adapter element A/B technology Addressing socket LED status display for diagnostics Manual switchover to ext. auxiliary voltage 	
EMERGENCY STOP function with latching according to ISO 13850	Safety foot-operated switch with latching according to ISO 13850		
Visibility of the signal display over 50 m with innovative LED technology	Safe locking also with operation beyond the pivot point	<ul style="list-style-type: none"> Flexibly combinable modules; stackable as required Signal and acoustic elements with variably adjustable sound and volume 	

Innovative and comfortable:

SIRIUS pushbuttons and indicator lights 3SB3



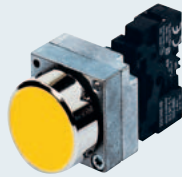
SIRIUS pushbuttons and indicator lights offer maximum functionality. The devices, which are both available in plastic and metal, not only feature a modern and flat design, but also support minimum mounting times. Only one screwdriver and few flicks of the wrist are required for the safe and stable fastening of all components. With spatially separate controls, pushbuttons and indicator lights in enclosures serve as manual commanding devices. They are available as version with conventional industrial controls or for connection to the AS-Interface bus system.

The advantages at a glance

- Fast and safe one-man mounting
- Floor or front plate mounting (also with incandescent lamp, LED or integrated LED)
- Easy connection with only one tool
- Rugged metal version with high degree of protection IP67
- Manifold versions with screw-type, spring-loaded or solder pin connection system
- Solvent-resistant polyamide versions
- Automatic labeling via SIRIUS Label Designer
- AS-Interface integration
- Direct connection to ASIsafe
- Direct connection to yellow profile cable
- Online configurator for selection of completely mounted, customized enclosures (www.siemens.com/sirius-commanding)

Complete units – pushbuttons and indicator lights

Round, molded-plastic 3SB3 [2]...-.....
 Round, metal 3SB3 [6]...-.....
 Square, molded-plastic 3SB3 [3]...-.....



Pushbutton						Illuminated pushbutton					
with flat button, equipped with			equipped with			with flat button, equipped with			equipped with		
●	1NC	3SB3 □ 03-0AA11	●	1NO + 1NC	3SB3 □ 01-0AA11	●	1NC + BA 9s	3SB3 □ 07-0AA21	●	1NO + 1NC + BA 9s	3SB3 □ 05-0AA21
●	1NO	3SB3 □ 02-0AA11	●	1NO + 1NC	3SB3 □ 01-0AA21	●	1NO + BA 9s	3SB3 □ 06-0AA31	●	1NO + 1NC + BA 9s	3SB3 □ 05-0AA31
●	1NC	3SB3 □ 03-0AA21	●	1NO + 1NC	3SB3 □ 01-0AA31	●	1NO + BA 9s	3SB3 □ 06-0AA41	●	1NO + 1NC + BA 9s	3SB3 □ 05-0AA41
●	1NO	3SB3 □ 02-0AA31	●	1NO + 1NC	3SB3 □ 01-0AA41	●	1NO + BA 9s	3SB3 □ 06-0AA51	●	1NO + 1NC + BA 9s	3SB3 □ 05-0AA51
●	1NO	3SB3 □ 02-0AA41	●	1NO + 1NC	3SB3 □ 01-0AA51	●	1NO + BA 9s	3SB3 □ 06-0AA61	●	1NO + 1NC + BA 9s	3SB3 □ 05-0AA61
●	1NO	3SB3 □ 02-0AA51	●	1NO + 1NC	3SB3 □ 01-0AA61	●	1NO + BA 9s	3SB3 □ 06-0AA71	●	1NO + 1NC + BA 9s	3SB3 □ 05-0AA71
●	1NO	3SB3 □ 02-0AA61									

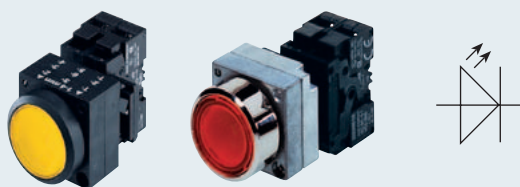


EMERGENCY STOP mushroom pushbuttons			Mushroom-shaped push-pull switch			Knob		
with positive latching function according to IS 13850, Ø 40 mm latching, with yellow backing plate Ø 80 mm with rotate-to-unlatch mechanism			diameter 40 mm, maintained-contact type, equipped with			2 switch positions, maintained-contact type, equipped with		
●	1NC	3SB3 □ 03-1HA20	●	1NC	3SB3 □ 03-1CA21 ¹⁾	●	1NO	3SB3 □ 02-2KA11 ¹⁾
●	1NO + 1NC	3SB3 □ 01-1HA20	●	1NO + 1NC	3SB3 □ 01-1CA21 ¹⁾	●	1NO + 1NC	3SB3 □ 01-2KA11 ¹⁾
with mechanical switch position indicator						Heavy-duty knob		
●	1NC	3SB3 □ 03-1HA26				●	1NO	3SB36 02-2PA11
●	1NO + 1NC	3SB3 □ 01-1HA26				●	1NO + 1NC	3SB36 01-2PA11
with pull release						Heavy-duty knob		
●	1NC	3SB3 □ 03-1TA20				momentary-contact type		
●	1NO + 1NC	3SB3 □ 01-1TA20				●	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

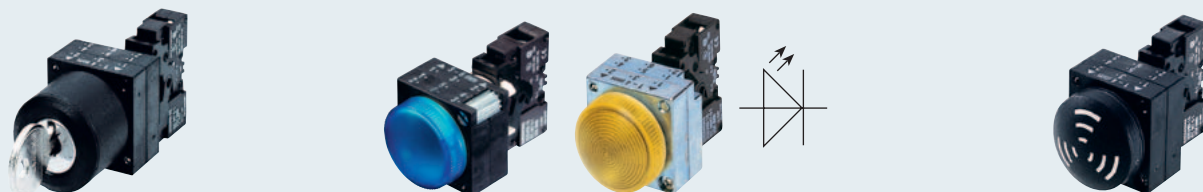
Complete units – pushbuttons and indicator lights

Round, molded-plastic 3SB3 [2]...-.....
 Round, metal 3SB3 [6]...-.....
 Square, molded-plastic 3SB3 [3]...-.....



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			Indicator light			Acoustic annunciator, IP65		
flat, 2 switching positions, maintained-contact type, with key which can be withdrawn in any position, Lock No. SB30, equipped with			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:	continuous tone (2.4 kHz), operating current min. 10 mA, min. sound pressure level 80 dB/10 cm, operating voltage		
● 1NO	3SB3	02-4AD11 ¹⁾	● 3SB3	04-6BA20 ¹⁾²⁾	● 3SB3	52-6BA20 ¹⁾²⁾	● 24 V AC/DC	3SB32 33-7BA10
● 1NO+1NC	3SB3	01-4AD11 ¹⁾	● 3SB3	04-6BA30 ¹⁾²⁾	● 3SB3	52-6BA30 ¹⁾²⁾	● 115 V AC/DC	3SB32 34-7BA10
			● 3SB3	04-6BA40 ¹⁾²⁾	● 3SB3	52-6BA40 ¹⁾²⁾	● 230 V AC/DC	3SB32 35-7BA10
			● 3SB3	04-6BA50 ¹⁾²⁾	● 3SB3	52-6BA50 ¹⁾²⁾		
			● 3SB3	04-6BA60 ¹⁾²⁾	● 3SB3	52-6BA60 ¹⁾²⁾		
			● 3SB3	04-6BA70 ¹⁾²⁾	● 3SB3	52-6BA70 ¹⁾²⁾		

1) This version is not available as square 3SB33

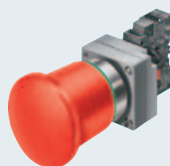
2) These versions are also available in round and square plastic design also with a smooth lens. The Order No. should be changed to 3SB3...-6BA..., e.g. 3SB3204-6BA20 for a round plastic indicator light with BA 9s lamp holder with smooth red lens.

Complete units – pushbuttons and indicator lights

Solvent-resistant metal range







































Pushbuttons				Knob		Knob	
with flat button, solvent-resistant, screw-type connection		with flat button, solvent-resistant, spring-loaded terminals		2 switch positions, solvent-resistant, actuating angle 50°, maintained-contact type		3 switch positions, solvent-resistant, 2 x 50°, maintained-contact type	
● 1NC	3SB36 03-0AA11	● 1NC	3SB36 03-0AA11-0CC0	● 1NO	3SB36 02-2KA11-0PA0	● 1NO,1NO	3SB36 10-2DA11-0PA0
● 1NO	3SB36 02-0AA11	● 1NO	3SB36 02-0AA11-0CC0	● 1NO,1NC	3SB36 01-2KA11-0PA0	3 switch positions, solvent-resistant, 2 x 50°, momentary-contact type	
● 1NC	3SB36 03-0AA21-0PA0	● 1NO,1NC	3SB36 01-0AA11-0CC0				
● 1NO	3SB36 02-0AA31-0PA0						
● 1NO	3SB36 02-0AA51-0PA0						
● 1NO,1NC	3SB36 01-0AA11					● 1NO,1NO	3SB36 10-2EA11-0PA0
● 1NO,1NC	3SB36 01-0AA21-0PA0						
● 1NO,1NC	3SB36 01-0AA41-0PA0						
● 1NO,1NC	3SB36 01-0AA61-0PA0						


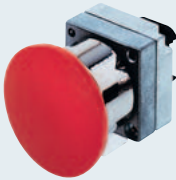






























Illuminated pushbutton with integrated super-bright LED				EMERGENCY-STOP mushroom pushbutton with pull-to-unlatch mechanism			
illuminated, with flat button, solvent-resistant, with integrated LED 24 V AC/DC, screw-type connection				solvent-resistant, with yellow backing plate 80 mm labeled, screw-type connection		solvent-resistant, with yellow backing plate 80 mm labeled, spring-loaded terminals	
● 1NC	3SB36 46-0AA21-0PA0	● 1NO,1NC	3SB36 47-0AA21-0PA0	NOT-HALT (d)		NOT-HALT (d)	
● 1NO	3SB36 45-0AA31-0PA0	● 1NO,1NC	3SB36 47-0AA31-0PA0	● 1NC	3SB36 03-1TA20	● 1NC	3SB36 03-1TA20-0CC0
● 1NO	3SB36 45-0AA41-0PA0	● 1NO,1NC	3SB36 47-0AA41-0PA0	● 1NO,1NC	3SB36 01-1TA20	● 1NO,1NC	3SB36 01-1TA20-0CC0
● 1NO	3SB36 45-0AA51-0PA0	● 1NO,1NC	3SB36 47-0AA51-0PA0	EMERGENCY STOP (e)		● 1NC,1NC	3SB36 11-1TA20-0CC0
● 1NO	3SB36 45-0AA61-0PA0	● 1NO,1NC	3SB36 47-0AA61-0PA0	● 1NC	3SB36 03-1TR20		
● 1NO	3SB36 45-0AA71-0PA0	● 1NO,1NC	3SB36 47-0AA71-0PA0	● 1NO,1NC	3SB36 01-1TR20		
				ARRÊT D'URGENCE (f)			
				● 1NC	3SB36 03-1TP20		
				● 1NO,1NC	3SB36 01-1TP20		




Actuating elements with holder








































Round, molded-plastic 3SB3 
 Round, metal 3SB3 
 Square, molded-plastic 3SB3 










































				
Pushbutton	Pushbutton	Pushbutton	Pushbutton	Pushbutton
with flat button	with raised button	with raised button, maintained-contact type	with raised front ring	with raised front ring, with castellations
● 3SB3  0-0AA11	● 3SB3  0-0BA11 ¹⁾	● 3SB3000-0CA11	● 3SB3  0-0AA12	● 3SB3  0-0AA13 ²⁾
● 3SB3  0-0AA21	● 3SB3  0-0BA21 ¹⁾	● 3SB3000-0CA21	● 3SB3  0-0AA22	● 3SB3  0-0AA23
● 3SB3  0-0AA31	● 3SB3  0-0BA31 ¹⁾		● 3SB3  0-0AA32 ¹⁾	● 3SB3  0-0AA33 ²⁾
● 3SB3  0-0AA41	● 3SB3  0-0BA51 ¹⁾		● 3SB3  0-0AA42	● 3SB3  0-0AA43 ²⁾
● 3SB3  0-0AA51	● 3SB3  0-0BA61 ¹⁾		● 3SB3  0-0AA52 ¹⁾	
● 3SB3  0-0AA61			● 3SB3  0-0AA62	
● 3SB3  0-0AB51 ¹⁾				
● 3SB3  0-0AA71				
● 3SB3  0-0AA81 ¹⁾				
● 3SB3  0-0AB01 ¹⁾				
① 3SB3  0-0AB11 ¹⁾				
● 3SB3  0-0AB21 ¹⁾				
● 3SB3  0-0AC81 ¹⁾				

				
Illuminated mushroom-shaped pushbutton	Push-pull switch	Push-pull switch	EMERGENCY STOP mushroom pushbutton	EMERGENCY STOP mushroom pushbutton
(incl. holder to snap on elements)	maintained-contact type	illuminated (incl. holder to snap on elements)	with positive latching function according to ISO 13850, latching, rotate-to-unlatch mechanism	with positive latching function according to ISO 13850, latching, pull-to-unlatch mechanism
Ø 30 mm	Ø 30 mm	Ø 30 mm	Ø 32 mm	Ø 40 mm
● 3SB3  1-1DA31 ¹⁾	● 3SB3  0-1EA11 ¹⁾	● 3SB3  1-1EA21 ¹⁾	● 3SB3  0-1FA20 ¹⁾	● 3SB3  0-1TA20
● 3SB3  1-1DA41 ¹⁾	● 3SB3  0-1EA21 ¹⁾	● 3SB3  1-1EA31 ¹⁾	Ø 40 mm	
● 3SB3  1-1DA61 ¹⁾	Ø 40 mm	● 3SB3  1-1EA41 ¹⁾	● 3SB3  0-1HA20	
Ø 40 mm	● 3SB3  0-1CA11 ¹⁾	● 3SB3  1-1EA51 ¹⁾	Ø 60 mm	
● 3SB3  1-1GA31 ¹⁾	● 3SB3  0-1CA21 ¹⁾	● 3SB3  1-1EA71 ¹⁾	● 3SB3  0-1AA20 ¹⁾	
● 3SB3  1-1GA41 ¹⁾	Ø 60 mm	Ø 40 mm		
● 3SB3  1-1GA61 ¹⁾	● 3SB35 00-1RA11	● 3SB3  1-1CA21 ¹⁾		
Ø 60 mm	● 3SB35 00-1RA21	● 3SB3  1-1CA31 ¹⁾		
● 3SB35 01-1QA31		● 3SB3  1-1CA41 ¹⁾		
● 3SB35 01-1QA41		● 3SB3  1-1CA51 ¹⁾		
● 3SB35 01-1QA61		● 3SB3  1-1CA71 ¹⁾		
		Ø 60 mm		
		● 3SB35 01-1RA21	EMERGENCY STOP mushroom pushbutton	
		● 3SB35 01-1RA31	with switch position indication	
		● 3SB35 01-1RA41	Ø 40 mm	
		● 3SB35 01-1RA51	● 3SB3  0-1HA26 ^{1) 3)}	
		● 3SB35 01-1RA71		

Actuating elements with holder




Round, molded-plastic 3SB3 ...-.....
Round, metal 3SB3 ...-.....
Square, molded-plastic 3SB3 ...-.....

				
Illuminated pushbutton	Illuminated pushbutton	Pushbutton	Illuminated pushbutton	Mushroom-shaped pushbutton
with flat button (including holder to snap on elements)	with raised button (including holder to snap on elements)	maintained-contact type with flat button, released by pressing again	maintained-contact type with flat button, including holder for 3 elements, released by pressing again	Ø 30 mm
● 3SB3  1-0AA21	● 3SB3  1-0BA21 ¹⁾	● 3SB3  0-0DA11	● 3SB3  1-0DA21	● 3SB3  0-1DA11 ¹⁾
● 3SB3  1-0AA31	● 3SB3  1-0BA31 ¹⁾	● 3SB3  0-0DA21	● 3SB3  1-0DA31	● 3SB3  0-1DA31 ¹⁾
● 3SB3  1-0AA41	● 3SB3  1-0BA41 ¹⁾	● 3SB3  0-0DA31	● 3SB3  1-0DA41	● 3SB3  0-1DA41 ¹⁾
● 3SB3  1-0AA51	● 3SB3  1-0BA51 ¹⁾	● 3SB3  0-0DA41	● 3SB3  1-0DA51	Ø 40 mm
● 3SB3  1-0AA61	● 3SB3  1-0BA71 ¹⁾	● 3SB3  0-0DA51	● 3SB3  1-0DA61	● 3SB3  0-1GA11 ¹⁾
● 3SB3  1-0AA71		● 3SB3  0-0DA61	● 3SB3  1-0DA71	● 3SB3  0-1GA31 ¹⁾
		● 3SB3  0-0DB51 ¹⁾		● 3SB3  0-1GA41 ¹⁾
				Ø 60 mm
				● 3SB3  0-1QA11 ¹⁾
				● 3SB3  0-1QA21 ¹⁾
				● 3SB3  0-1QA31 ¹⁾
				● 3SB3  0-1QA41 ¹⁾

				
EMERGENCY STOP mushroom pushbutton	Knob	Knob	Illuminated knob	Illuminated knob
with positive latching function according to ISO 13850, Ø 40 mm, with snap action, latching with safety lock, key release	2 switch positions 0-I maintained-contact type/ 0-I momentary-contact type	3 switch positions I-O-II maintained-contact type/ I-O-II momentary-contact type	2 switch positions 0-I maintained-contact type/ 0-I momentary-contact type (incl. holder to snap on elements)	3 switch positions I-O-II maintained-contact type/ I-O-II momentary-contact type (incl. holder to snap on elements)
RONIS	● 3SB3  0-2KA11/ 3SB3  0-2LA11	● 3SB3  0-2DA11/ 3SB3  0-2EA11	● 3SB3  1-2KA21/ 3SB3  1-2LA21	● 3SB3  1-2DA21/ 3SB3  1-2EA21
CES	● 3SB3  0-2KA21/ 3SB3  0-2LA21	● 3SB3  0-2DA21/ 3SB3  0-2EA21	● 3SB3  1-2KA31/ 3SB3  1-2LA31	● 3SB3  1-2DA31/ 3SB3  1-2EA31/
BKS	● 3SB3  0-1KA20 3SB3  0-1LA20	● 3SB3  0-2KA41/ 3SB3  0-2LA41	● 3SB3  1-2KA41/ 3SB3  1-2LA41	● 3SB3  1-2DA41/ 3SB3  1-2EA41
OMR	● 3SB3  0-2KA61/ 3SB3  0-2LA61	● 3SB3  0-2DA61/ 3SB3  0-2EA61	● 3SB3  1-2KA51/ 3SB3  1-2LA51	● 3SB3  1-2DA51/ 3SB3  1-2EA51
IKON			● 3SB3  1-2KA71/ 3SB3  1-2LA71	● 3SB3  1-2DA71/ 3SB3  1-2EA71
● 3SB3500-1UA20				
	Heavy-duty knob	Heavy-duty knob	Heavy-duty knob	Heavy-duty knob
	● 3SB35 00-2PA11/ 3SB35 00-2QA11	● 3SB35 00-2SA11/ 3SB35 00-2TA11	● 3SB35 01-2PA21/ 3SB35 01-2QA21	● 3SB35 01-2SA21/ 3SB35 01-2TA21
	● 3SB35 00-2PA21/ 3SB35 00-2QA21	● 3SB35 00-2SA21/ 3SB35 00-2TA21	● 3SB35 01-2PA31/ 3SB35 01-2QA31	● 3SB35 01-2SA31/ 3SB35 01-2TA31
	● 3SB35 00-2PA41/ 3SB35 00-2QA41	● 3SB35 00-2SA41/ 3SB35 00-2TA41	● 3SB35 01-2PA41/ 3SB35 01-2QA41	● 3SB35 01-2SA41/ 3SB35 01-2TA41
	● 3SB35 00-2PA61/ 3SB35 00-2QA61	● 3SB35 00-2SA61/ 3SB35 00-2TA61	● 3SB35 01-2PA51/ 3SB35 01-2QA51	● 3SB35 01-2SA51/ 3SB35 01-2TA51
			● 3SB35 01-2PA71/ 3SB35 01-2QA71	● 3SB35 01-2SA71/ 3SB35 01-2TA71

1) This version is not available as square 3SB33






Actuator and indicator elements with holders





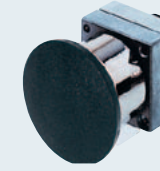
Round, molded-plastic 3SB3 
 Round, metal 3SB3 
 Square, molded-plastic 3SB3 



RONIS safety lock			CES safety lock			IKON safety lock			BKS safety lock			OMR safety lock		
flat, Lock No. SB30 ³⁾			Lock No. SSG10 ³⁾			Lock No. 360012K1			Lock No. S1 ³⁾			light blue, Lock No. 73038 ³⁾		
1	0+I	3SB3 0-4AD11	1	0+I	3SB3 0-4LD11	1	0+I	3SB3 0-5LD11	1	0+I	3SB3 0-5AD11	1	0+I	3SB3 0-3AG11
	0	3SB3 0-4AD01		0	3SB3 0-4LD01		0	3SB3 0-5AD01		0	3SB3 0-3AG01			
	I	3SB3 0-4AD21		I	3SB3 0-4LD21		I	3SB3 0-5AD21		I	3SB3 0-3AG21 ¹⁾			
2	0	3SB3 0-4BD01	2	0	3SB3 0-4MD01	2	0	3SB3 0-5MD01	2	0	3SB3 0-5BD01	2	0	3SB3 0-3BG01
3	I+0+II	3SB3 0-4DD11	3	I+0+II	3SB3 0-4PD11	3	I+0+II	3SB3 0-5PD11 ¹⁾	3	I+0+II	3SB3 0-5DD11	3	I+0+II	3SB3 0-3DG11
	0	3SB3 0-4PD01		0	3SB3 0-5PD01 ¹⁾		0	3SB3 0-5DD01 ¹⁾		0	3SB3 0-3DG01 ¹⁾			
	0	3SB3 0-4PD05		I+II	3SB3 0-5PD41 ²⁾		I+II	3SB3 0-5DD41 ²⁾		I+II	3SB3 0-3DG41 ²⁾			
	I+II	3SB3 0-4PD41 ¹⁾		I	3SB3 0-5DD21 ¹⁾		I	3SB3 0-5DD21 ¹⁾						
	I	3SB3 0-4PD21 ¹⁾		II	3SB3 0-5DD31									
	II	3SB3 0-4PD31 ¹⁾												
4	0	3SB3 0-4ED01	4	0	3SB3 0-4QD01	4	0	3SB3 0-5QD01	4	0	3SB3 0-5ED01 ¹⁾	4	0	3SB3 0-3EG01 ¹⁾

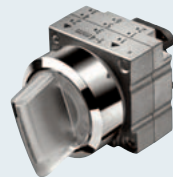
Actuating elements with holder – solvent-resistant metal range

			
Pushbutton	Pushbutton	Pushbutton	Illuminated pushbutton
non-illuminated, with flat button, solvent-resistant	non-illuminated, with raised button, solvent-resistant	non-illuminated, with flat button, maintained-contact type, solvent resistant	with flat button, solvent-resistant, incl. holder for 3 elements
● 3SB35 00-0AA11	● 3SB35 00-0BA11	● 3SB35 00-0DA11	● 3SB35 01-0AA21-0PA0
● 3SB35 00-0AA21-0PA0			● 3SB35 01-0AA31-0PA0
● 3SB35 00-0AA31-0PA0			● 3SB35 01-0AA41-0PA0
● 3SB35 00-0AA41-0PA0			● 3SB35 01-0AA51-0PA0
● 3SB35 00-0AA51-0PA0			● 3SB35 01-0AA61-0PA0
● 3SB35 00-0AA61-0PA0			● 3SB35 01-0AA71-0PA0
● 3SB35 00-0AB21 ¹⁾	Pushbutton, non-illuminated		
	with raised front ring, solvent-resistant		
	● 3SB35 00-0AA12		

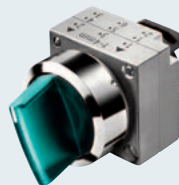
			
Push-pull button Ø 30 mm	Push-pull button Ø 60 mm	Mushroom pushbutton Ø 30 mm	Mushroom pushbutton Ø 60 mm
maintained-contact type, solvent-resistant	maintained-contact type, solvent-resistant	solvent-resistant	solvent-resistant
● 3SB35 00-1EA11	● 3SB35 00-1RA11	● 3SB35 00-1DA11	● 3SB35 00-1QA11
			
Push-pull button Ø 40 mm		Mushroom pushbutton Ø 40 mm	
maintained-contact type, solvent-resistant		solvent-resistant	
● 3SB35 00-1CA11		● 3SB35 00-1GA11	
● 3SB35 00-1C211-0PA0			

1) Labeling with symbol: ○

Actuating elements with holder – solvent-resistant metal range



Knob, 2 switch positions		Knob, 2 switch positions		Knob, 2 switch positions		Knob, 2 switch positions	
non-illuminated, actuating angle 90°, maintained-contact type, solvent resistant		non-illuminated, actuating angle 50°, maintained-contact type, solvent-resistant		illuminated, actuating angle 50°, maintained-contact type, solvent-resistant, incl. holder for 3 elements		non-illuminated, actuating angle 50°, maintained-contact type, heavy-duty version solvent-resistant	
●	3SB35 00-2HA11-0PA0	●	3SB35 00-2KA11-0PA0	●	3SB35 01-2KA21-0PA0	●	3SB35 00-2PA11
●	3SB35 00-2HA21-0PA0	●	3SB35 00-2KA21-0PA0	●	3SB35 01-2KA41-0PA0		
●	3SB35 00-2HA41-0PA0	●	3SB35 00-2KA41-0PA0	●	3SB35 01-2KA51-0PA0		
				●	3SB35 01-2KA71-0PA0		



Knob, 2 switch positions		Knob, 2 switch positions		Knob, 2 switch positions		Knob, 2 switch positions	
non-illuminated, long handle, actuating angle 50°, maintained-contact type, solvent-resistant		non-illuminated, actuating angle 50°, momentary-contact type, solvent-resistant		illuminated, actuating angle 50°, solvent-resistant, incl. holder for 3 elements		non-illuminated, actuating angle 50°, momentary-contact type, heavy-duty version, solvent-resistant	
●	3SB35 00-3PA11	●	3SB35 00-2LA11-0PA0	●	3SB35 01-2LA21-0PA0	●	3SB35 00-2QA11
		●	3SB35 00-2LA21-0PA0	●	3SB35 01-2LA41-0PA0	Knob, 2 switch positions	
		●	3SB35 00-2LA41-0PA0	●	3SB35 01-2LA51-0PA0	non-illuminated, long handle, solvent resistant, actuating angle 50°, maintained-contact type	
				●	3SB35 01-2LA71-0PA0	● 3SB35 00-3QA11	



Knob, 3 switch positions		Knob, 3 switch positions		Knob, 3 switch positions		Knob, 3 switch positions	
non-illuminated, solvent-resistant, actuating angle 2 x 50°, maintained-contact type		illuminated, solvent-resistant, actuating angle 2 x 50°, maintained-contact type, incl. holder for 3 elements		non-illuminated, solvent-resistant, actuating angle 2 x 50°, maintained-contact type, heavy-duty version		non-illuminated, long handle, solvent-resistant, switching angle 2 x 50°, maintained-contact type	
●	3SB35 00-2DA11-0PA0	●	3SB35 01-2DA21-0PA0	●	3SB35 00-2SA11	●	3SB35 00-2EA11-0PA0
●	3SB35 00-2DA21-0PA0	●	3SB35 01-2DA41-0PA0			●	3SB35 00-2EA21-0PA0
●	3SB35 00-2DA41-0PA0	●	3SB35 01-2DA51-0PA0			●	3SB35 00-2EA41-0PA0
		●	3SB35 01-2DA71-0PA0				



Knob, 3 switch positions		Knob, 3 switch positions		Knob, 3 switch positions		Knob, 3 switch positions	
non-illuminated, long handle, solvent-resistant, actuating angle 2 x 50°, maintained-contact type		illuminated, momentary-contact type, solvent-resistant, actuating angle 2 x 50°, incl. holder for 3 elements		non-illuminated, momentary-contact type, solvent-resistant, actuating angle 2 x 50°, heavy-duty version		non-illuminated, long handle, actuating angle 2 x 50°, momentary-contact type	
●	3SB35 00-3SA11	●	3SB35 01-2EA21-0PA0	●	3SB35 00-2TA11	●	3SB35 00-3TA11
		●	3SB35 01-2EA41-0PA0				
		●	3SB35 01-2EA51-0PA0				
		●	3SB35 01-2EA71-0PA0				



Knob, 3 switch positions		Knob, 3 switch positions		Knob, 3 switch positions		Knob, 3 switch positions	
non-illuminated/illuminated, left: momentary-contact type, right: maintained-contact type, solvent-resistant, actuating angle 2 x 50°, incl. holder for 3 elements		non-illuminated, left: momentary-contact type, right: maintained-contact type, solvent-resistant, actuating angle 2 x 50°, heavy-duty version		non-illuminated, left: maintained-contact type, right: momentary-contact type, solvent-resistant, actuating angle 2 x 50°		non-illuminated, left: maintained-contact type, right: momentary-contact type, solvent-resistant, actuating angle 2 x 50°, heavy-duty version	
●	3SB35 00-2GA11-0PA0	●	3SB35 00-2VA11	●	3SB35 00-2FA11-0PA0	●	3SB35 00-2UA11
●	3SB35 01-2GA71-0PA0	Knob, 3 switch positions		Knob, 3 switch positions		Knob, 3 switch positions	
		non-illuminated, long handle, left: momentary-contact type, right: maintained-contact type, solvent resistant, actuating angle 2 x 50°		illuminated, left: maintained-contact type, right: momentary-contact type, solvent-resistant, actuating angle 2 x 50°		non-illuminated, long handle, left: maintained-contact type, right: momentary-contact type, solvent-resistant, actuating angle 2 x 50°	
		●	3SB35 00-3VA11	●	3SB35 01-2FA71-0PA0	●	3SB35 00-3UA11

Actuating elements with holder – solvent-resistant metal range



EMERGENCY-STOP Ø 32 mm		EMERGENCY-STOP Ø 40 mm		EMERGENCY-STOP Ø 40 mm		Indicator light	
with positive latching in acc. with ISO 13850, with rotate-to-release mechanism, solvent-resistant		with positive latching in acc. with ISO 13850, with rotate-to-release mechanism, solvent-resistant		with positive latching in acc. with ISO 13850, with pull-to-release mechanism, solvent-resistant		Indicator with holder, with smooth lense, solvent-resistant	
●	3SB35 00-1FA20-0PA0	●	3SB35 00-1HA20-0PA0	●	3SB35 00-1TA20	●	3SB35 01-6AA20-0PA0
						●	3SB35 01-6AA30-0PA0
						●	3SB35 01-6AA40-0PA0
						●	3SB35 01-6AA50-0PA0
						●	3SB35 01-6AA60-0PA0
						●	3SB35 01-6AA70-0PA0



Pushbutton

flat, for round illuminated pushbuttons,
for metal version,
solvent-resistant

●	3SB39 30-0GA20-0PA0
●	3SB39 30-0GA30-0PA0
●	3SB39 30-0GA40-0PA0
●	3SB39 30-0GA50-0PA0
●	3SB39 30-0GA60-0PA0
●	3SB39 30-0GA70-0PA0

Accessories: contact blocks and lamp holders



Contact blocks with screw terminals				Contact blocks with Cage-Clamp terminals			
for front-panel mounting				for front-panel mounting			
1NO 3SB34 00-0B	1NC 3SB34 00-0C	1NO + 1NC 3SB34 00-0A	2NO 3SB34 00-0D	1NO 3SB34 03-0B	1NC 3SB34 03-0C	1NO + 1NC 3SB34 03-0A	2NC 3SB34 03-0E
	1NC 3SB34 00-0M (with mounting monitoring)	1NO leading + 1NC delayed 3SB34 00-0H	2NC 3SB34 00-0E		1NC 3SB34 03-0M (with mounting monitoring)	2NO 3SB34 03-0D	1NO leading + 1NC delayed 3SB34 03-0H



Lamp holder with integrated LED and screw terminals			Lamp holder with integrated LED and Cage-Clamp terminals		
24 V AC/DC	120 V AC	230 V AC	24 V AC/DC	120 V AC	230 V AC
3SB34 00-1PA	3SB34 00-1QA	3SB34 00-1RA	3SB34 03-1PA	3SB34 03-1QA	3SB34 03-1RA
3SB34 00-1PB	3SB34 00-1QB	3SB34 00-1RB	3SB34 03-1PB	3SB34 03-1QB	3SB34 03-1RB
3SB34 00-1PC	3SB34 00-1QC	3SB34 00-1RC	3SB34 03-1PC	3SB34 03-1QC	3SB34 03-1RC
3SB34 00-1PD	3SB34 00-1QD	3SB34 00-1RD	3SB34 03-1PD	3SB34 03-1QD	3SB34 03-1RD
3SB34 00-1PE	3SB34 00-1QE	3SB34 00-1RE	3SB34 03-1PE	3SB34 03-1QE	3SB34 03-1RE



Lamp holder with screw terminals	Lamp holder with screw terminals		Lamp holder with Cage-Clamp terminals	
BA 9s with 130 V lamp operating voltage	for front-panel mounting		for front-panel mounting	
230/240 V AC 3SB34 00-1C	BA 9s 3SB34 00-1A	BA 9s with lamp 24 V AC/DC 3SB34 00-1D	BA 9s 3SB34 03-1A	BA 9s with 130 V lamp operating voltage 230/240 V 3SB34 03-1C
110/130 V AC 3SB34 00-1B				



Contact blocks with solder pin		Lamp holder with solder pins	Transformers	
for PCB mounting		for PCB mounting (without lamp)	for snapping onto lamp holder 3SB34 00-1A, 50/60 Hz	
1NO 3SB34 11-0B	1NC 3SB34 11-0C	W2 x 4.6d 3SB34 11-1A	127/24 V 3SB34 00-3A 127/6 V 3SB34 00-3M	240/24 V 3SB34 00-3C 240/6 V 3SB34 00-3P 400/24 V 3SB34 00-3F 400/6 V 3SB34 00-3S

Accessories: contact blocks and lamp holders for enclosures



Contact blocks with screw terminals		Contact blocks with Cage-Clamp terminals		Lamp holders with screw terminals	
for floor mounting		for floor mounting		for floor mounting	
1NO 3SB34 20-0B	1NC 3SB34 20-0C	1NO 3SB34 23-0B	1NC 3SB34 23-0C	BA 9s 3SB34 20-1A	Operating voltage 230/240 V AC BA 9s with integrated voltage reducer and 130 V lamp 3SB34 20-1C



Lamp holder with integrated LED and screw terminals				Lamp holders with integrated LED and Cage-Clamp terminals			
for floor mounting				for floor mounting			
	24 V AC/DC	120 V AC	230 V AC		24 V AC/DC	120 V AC	230 V AC
●	3SB34 20-1PA	3SB34 20-1QA	3SB34 20-1RA	●	3SB34 23-1PA	3SB34 23-1QA	3SB34 23-1RA
●	3SB34 20-1PB	3SB34 20-1QB	3SB34 20-1RB	●	3SB34 23-1PB	3SB34 23-1QB	3SB34 23-1RB
●	3SB34 20-1PC	3SB34 20-1QC	3SB34 20-1RC	●	3SB34 23-1PC	3SB34 23-1QC	3SB34 23-1RC
●	3SB34 20-1PD	3SB34 20-1QD	3SB34 20-1RD	●	3SB34 23-1PD	3SB34 23-1QD	3SB34 23-1RD
●	3SB34 20-1PE	3SB34 20-1QE	3SB34 20-1RE	●	3SB34 23-1PE	3SB34 23-1QE	3SB34 23-1RE



Incandescent lamps, socket BA 9s, 1.2 W, lamps in a package: 10		LED lamps, socket BA 9s, operating current max. 15 mA, lamps in a package: 10	
24 V	3SX13 44	24 V AC/DC	230 V AC
110...130 V	3SX17 31	● 3SB39 01-1CA	3SB39 01-1CF
		● 3SB39 01-1BA	3SB39 01-1BF
		● 3SB39 01-1DA	3SB39 01-1DF
		● 3SB39 01-1PA	3SB39 01-1PF
		● 3SB39 01-1QA	3SB39 01-1QF

Lamps for PC-board mounting, socket wedge-base, W2 x 4.6 d, 1.0 W, lamps in a package: 10		LED lamps, socket, W2 x 4.6 d, lamps in a package: 10	
24 V	3SB29 08-1AC	24 V DC	
		● 3SB39 01-1SB	
		● 3SB39 01-1RB	
		● 3SB39 01-1TB	
		● 3SB39 01-1BD	
		● 3SB39 01-1UB	

Accessories: plates


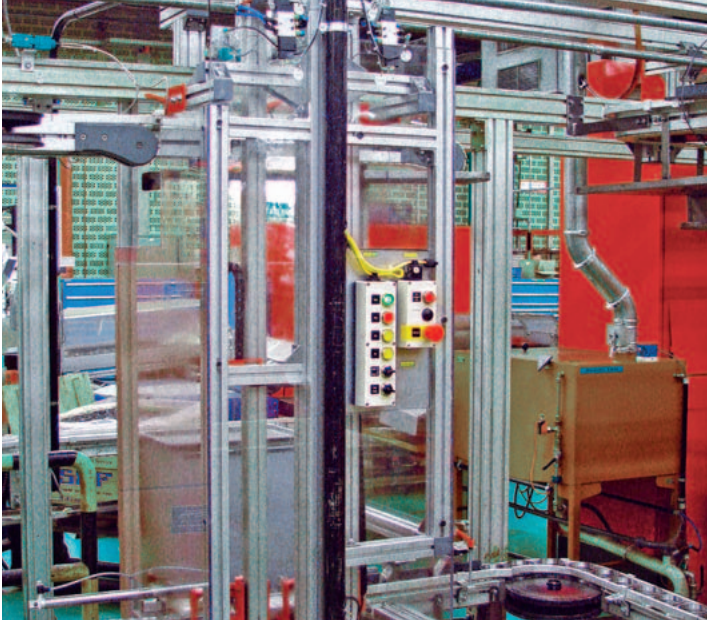
									
Inscription plates (plastic, black with white lettering or silver with black lettering)									
	12,5 mm x 27 mm Self-adhesive inscription plates			27 mm x 27 mm Self-adhesive inscription plates			22 mm x 22 mm Self-adhesive inscription plates		
Inscription	german	english	PKG*	german	english	PKG*	german	english	PKG*
ohne / Without	3SB39 02-1AA	3SB39 02-1AA	10	3SB39 03-1AA	3SB39 03-1AA	10	3SB39 06-1AA	3SB39 06-1AA	10
Ein / On	3SB39 02-1AB	3SB39 02-1EB	10	3SB39 03-1AB	3SB39 03-1EB	10	3SB39 06-1AB	3SB39 06-1EB	10
Aus / Off	3SB39 02-1AC	3SB39 02-1EC	10	3SB39 03-1AC	3SB39 03-1EC	10	3SB39 06-1AC	3SB39 06-1EC	10
Auf / Up	3SB39 02-1AD	3SB39 02-1ED	10	3SB39 03-1AD	3SB39 03-1ED	10	3SB39 06-1AD	3SB39 06-1ED	10
Ab / Down	3SB39 02-1AE	3SB39 02-1EE	10	3SB39 03-1AE	3SB39 03-1EE	10	3SB39 06-1AE	3SB39 06-1EE	10
Vor / Forward	3SB39 02-1AF	3SB39 02-1EF	10	3SB39 03-1AF	3SB39 03-1EF	10	3SB39 06-1AF	3SB39 06-1EF	10
Zurück / Reverse	3SB39 02-1AG	3SB39 02-1EG	10	3SB39 03-1AG	3SB39 03-1EG	10	3SB39 06-1AG	3SB39 06-1EG	10
Links / Left	3SB39 02-1AJ	3SB39 02-1EJ	10	3SB39 03-1AJ	3SB39 03-1EJ	10	3SB39 06-1AJ	3SB39 06-1EJ	10
Rechts / Right	3SB39 02-1AH	3SB39 02-1EH	10	3SB39 03-1AH	3SB39 03-1EH	10	3SB39 06-1AH	3SB39 06-1EH	10
Betrieb / Running	3SB39 02-1AP	3SB39 02-1EV	10	3SB39 03-1AP	3SB39 03-1EV	10	3SB39 06-1AP	3SB39 06-1EV	10
Störung / Fault	3SB39 02-1AQ	3SB39 02-1EW	10	3SB39 03-1AQ	3SB39 03-1EW	10	3SB39 06-1AQ	3SB39 06-1EW	10
O I	3SB39 02-1MF	3SB39 02-1MF	10	3SB39 03-1MF	3SB39 03-1MF	10	3SB39 06-1MF	3SB39 06-1MF	10
Labels that can be inscribed (white) using the SIRIUS Label Designer software									
	3SB39 02-2AA		480	3SB39 03-2AA		480	3SB39 06-2AA		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	round	3SB39 21-0AA	3SB39 21-0AK	3SB39 21-0CG
No inscription	3SB39 21-0AB	3SB39 41-0AB	round, metal	3SB19 02-0AQ		
NOT-HALT	3SB39 21-0AC	3SB39 41-0AC	square	3SB39 41-0AA		
EMERGENCY STOP	3SB39 21-0AD	3SB39 41-0AD				
No inscription	3SB3921-0DA (illuminable)					
NOT-HALT	3SB3921-0DK (illuminable)					
EMERGENCY STOP	3SB3921-0DD (illuminable)					

PS* = Packing size

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.

ASIsafe, the safety-technical version of AS-Interface, allows for the integration of safety-oriented components in AS-Interface – up to Cat. 4 in accordance with (EN 95-1) DIN EN ISO 13489-1 or SIL3 in accordance with IEC 61508.








F-adapter for EMERGENCY-STOP devices

EMERGENCY-STOP devices can be directly connected via standard AS-Interface with safety-related communication. This applies to SIRIUS 3SB3 EMERGENCY-STOP commanding devices for front panel mounting and enclosure installation. An EMERGENCY-STOP device installed in the front panel can be directly connected to AS-Interface via a safe module (F-adapter).

Advantages at a glance:






- Safe and standard data on a single bus
- No fail-safe PLC or special master required
- Support of safe signal grouping
- Easy system assembly thanks to standardized AS-Interface technology
- Fast and easy expandability of existing systems

Housings

				
1 command point	1 command point	1 command point	2 command points	3 command points
green pushbutton, 1 NO, inscription plate "I" 3SB38 01- <input type="checkbox"/> DA3	EMERGENCY STOP mushroom pushbutton with positive latching function according to ISO 13850, 1 NC, Ø 40 mm, latching 3SB38 01- <input type="checkbox"/> DG3	EMERGENCY STOP mushroom pushbutton with positive latching function according to ISO 13850, 1 NC, Ø 40 mm, latching with protective collar 3SB38 01- <input type="checkbox"/> DF3	green pushbutton, 1 NO, inscription plate "I"; red pushbutton, 1 NC, inscription plate "O" 3SB38 02- <input type="checkbox"/> DA3	clear indicator light, BA 9s, blank inscription plate; green pushbutton, 1 NO, inscription plate "I"; red pushbutton, 1 NC, inscription plate "O" 3SB38 03- <input type="checkbox"/> DA3
red pushbutton, 1 NC, inscription plate "O" 3SB38 01- <input type="checkbox"/> DB3		EMERGENCY STOP mushroom pushbutton, Ø 60 mm with protective collar for 5 padlocks, metal enclosure yellow 3SB38 01-2EA30-0CC0	white pushbutton, 1 NO, inscription plate "I"; black pushbutton, 1 NC, inscription plate "O" 3SB38 02- <input type="checkbox"/> DB3	black pushbutton, 1NO, inscription plate "II"; black pushbutton, 1 NO, inscription plate "I"; red push-button, 1 NC, inscription plate "O" 3SB38 03- <input type="checkbox"/> DB3
white pushbutton, 1 NO, inscription plate "I" 3SB38 01- <input type="checkbox"/> DD3		EMERGENCY STOP mushroom pushbutton, Ø 60 mm with protective collar for 5 padlocks, metal enclosure gray 3SB38 01-2EB30-0CC0		clear indicator light, BA 9s, blank inscription plate; white pushbutton, 1NO, inscription plate "I"; black pushbutton, 1NC, inscription plate "O" 3SB38 03- <input type="checkbox"/> DC3
black pushbutton, 1 NC, inscription plate "O" 3SB38 01- <input type="checkbox"/> 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- <input type="checkbox"/> AA3	3SB38 02- <input type="checkbox"/> AA3	3SB38 03- <input type="checkbox"/> AA3	3SB38 04- <input type="checkbox"/> AA3	3SB38 06- <input type="checkbox"/> AA3
3SB38 01- <input type="checkbox"/> 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.

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 "O" 3SF58 12-□ DA00	clear indicator light, BA 9s, blank inscription plate; green pushbutton, inscription plate "I"; red pushbutton, inscription plate "O" 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 "O" 3SF58 12-□ DB00	black pushbutton, inscription plate "II"; black pushbutton, inscription plate "I"; red pushbutton, inscription plate "O" 3SF58 13-□ DB00
		clear indicator light, BA 9s, blank inscription plate; white pushbutton, inscription plate "I"; black pushbutton, inscription plate "O" 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

Online configurator

The modular design of our SIRIUS pushbutton and indicator light range provides ample leeway for individual assemblies. In addition to the catalog and the selection brochure, we therefore also offer an intelligent and comfortable electronic tool in the form of an online configurator:

www.siemens.com/industrial-controls/configurators

The SIRIUS 3SB3/3SF5 configurator supports device selection in accordance with your application requirements. Simply enter your desired features to be provided with the optimum solution

This tool easily and comfortably guides you through the configuration process, e.g. for a customer-specifically equipped 3SB3/3SF enclosure, and supports you with the selection of the various components and matching accessories.

SIEMENS

Home ▶ German ▶ Contact ▶ Help ▶ Catalog

▶ Interactive Catalog Siemens IA&DT ▶ Automation technology ▶ Industrial Controls SIRIUS ▶ Commanding and Signaling

Product Information ▼ **Configurators** All about

Select a configurator 3SB3, 3SF5 Pushbutton Units and Indicator Lights ▼

3SB3, 3SF5 Pushbutton Units and Indicator Lights

The SIRIUS family 3SB3/3SF5 of pushbuttons and indicator lights is available

- in a round design for 22 mm mounting diameter in moulded-plastic and metal version
- in a square design for 26 mm x 26 mm cutouts in moulded-plastic version

The SIRIUS pushbuttons and indicator lights 3SB3/3SF5 have received awards from various renowned industrial design juries. The SIGNUM 3SB3 devices feature AS-Interface communications capability.

Using this configurator, you can precisely select the optimum device for your application. Simply define the features you require and you will be provided with the optimum solution.

Start

Robust and reliable:

SIRIUS cable-operated switches 3SE7



SIRIUS cable-operated switches 3SE7 are perfectly suited for all requirements: With or without latching mechanism, for signaling devices as complete EMERGENCY-STOP system in accordance with ISO 13850 (EN 418) or with integrated EMERGENCY-STOP pushbutton. The positively driven contacts ensure optimum safety as they open and effect circuit interruption as soon as a cable breaks or is pulled. Furthermore, our cable-operated switches can be adjusted accurate to the millimeter, which is eased by a position indicator on the switch.

The advantages at a glance:

- Control functions and EMERGENCY-STOP always within reach
- Version with integrated EMERGENCY-STOP pushbutton
- Increased safety over long distances – of up to 2 x 75 m
- Complete systems for all requirements and routings
- Easy unlocking
- Failsafe applications with SIRIUS Safety Integrated
- Operation display directly on the switch
- Signal display for large distances with innovative LED technology: Visibility over 50 m with long service life of approx. 50,000 hours
- Cable-operated switch with latching in accordance with ISO 13850 (EN 418) – full EMERGENCY-STOP function with positively driven contacts
- Fast and safe mounting thanks to integrated mounting accessories
- Versions with 2NC and 1NO with yellow cover

Selection and ordering data

	Version	Cable length in m	Contacts	Order No.
SIRIUS cable-operated switches				
	Metal enclosure (molded plastic cover)	10		
	• without latching, only cable tension monitoring		1NO + 1NC ➞	3SE7 120-2DD01
	• with latching and push-to-release mechanism		2NC ➞	3SE7 120-1BF00
	• with latching and push-to-release mechanism, with yellow cover		1NO + 2NC ➞	3SE7 120-1BH00
	Metal enclosure (molded plastic cover) with dust protection and adjustment window	25		
	• without latching		1NO + 1NC ➞	3SE7 150-2DD00
	• with latching and push-to-release mechanism		1NO + 1NC ➞	3SE7 150-1BD00
	• with yellow cover		2NC ➞	3SE7 150-1BF00
	Metal enclosure (molded plastic cover) with dust protection and adjustment window with LED, red, 24 V DC	25		
	• without latching		1NO + 1NC ➞	3SE7 150-2DD04
	• with latching and push-to-release mechanism		1NO + 1NC ➞	3SE7 150-1BD04
	Metal enclosure (molded plastic cover) with dust protection	50		
	• with latching and push-to-release mechanism		1NO + 1NC ➞	3SE7 140-1BD00
			2NC ➞	3SE7 140-1BF00
	• additionally with LED, red, 24 V DC		1NO + 1NC ➞	3SE7 140-1BD04
	Metal enclosure with 2-side actuation	2 x 75		
	• with latching and push-to-release mechanism		2NO + 2NC ➞	3SE7 160-1AE00
	• additionally with LED, red, 24 V DC		2NO + 2NC ➞	3SE7 160-1AE04
SIRIUS conveyor belt unbalance device				
	Metal enclosure			
	• with latching and push-to-release mechanism		2NO + 2NC ➞	3SE7 310-1AE00
	• additionally with LED, red, 24 V DC		2NO + 2NC ➞	3SE7 310-1AE04
SIRIUS cable-operated switch with integrated EMERGENCY-STOP				
	Metal enclosure with dust protection	75		
	• with latching and rotate-to-release mechanism		1NO + 3NC ➞	3SE7 141-1EG10

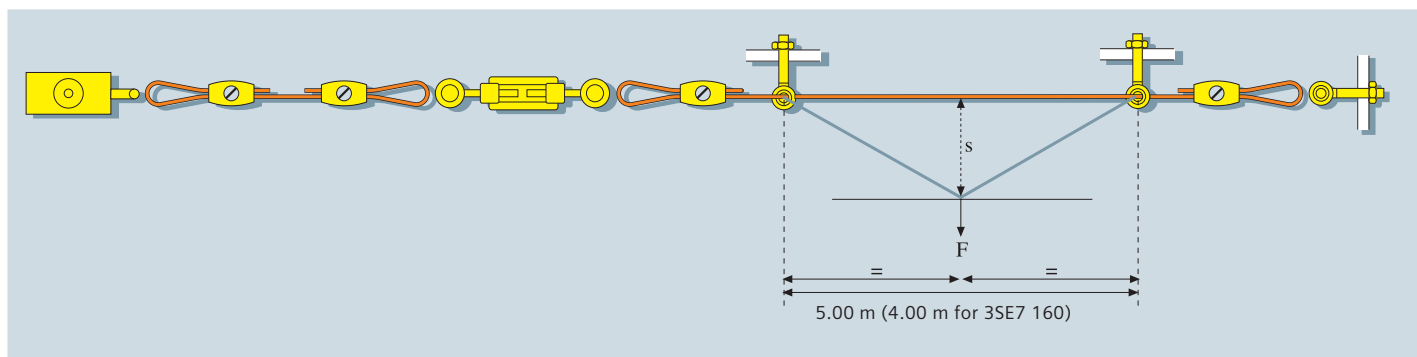
➞ Positive opening operation in acc. with IEC 60947-5-1, Annex K

Accessories in catalog IC 10, chapter 10

Selection criteria for cable-operated switches/belt skewing monitor devices 3SE7

Cable lengths (depending on the ambient temperature)	10 m, 25 m, 50 m, 75 m, 2 x 75 m
Switching contacts	Various numbers of NO + NC contacts (depending on the Order No.)
Latching	<ul style="list-style-type: none"> • with • without
Release (only possible in central position – pre-tensioned position)	<ul style="list-style-type: none"> • press to release • key-operated release • rotate to release (depending on the Order No.)
Optical signal	<ul style="list-style-type: none"> • none • with red LED, 24 V DC
Integrated EMERGENCY STOP	Yes/no
Adjustment window	Yes/no
Accessories (depending on the cable length)	Steel cable, cable clamps, cable eye, eye bolt

Pre-tension and actuation forces



Cable tension EMERGENCY SWITCHING-OFF switch	Pre-tension force in N	Actuation distance S in cm	Actuation force F in N	Max. cable length in m
3SE7 120-1BF00	55	11	6	10
3SE7 150	200	11	25	25
3SE7 140	295–390	13	38–60	50
3SE7 141	100	20–22	28–34	75
3SE7 160	–	32–40	45–85	2 x 75

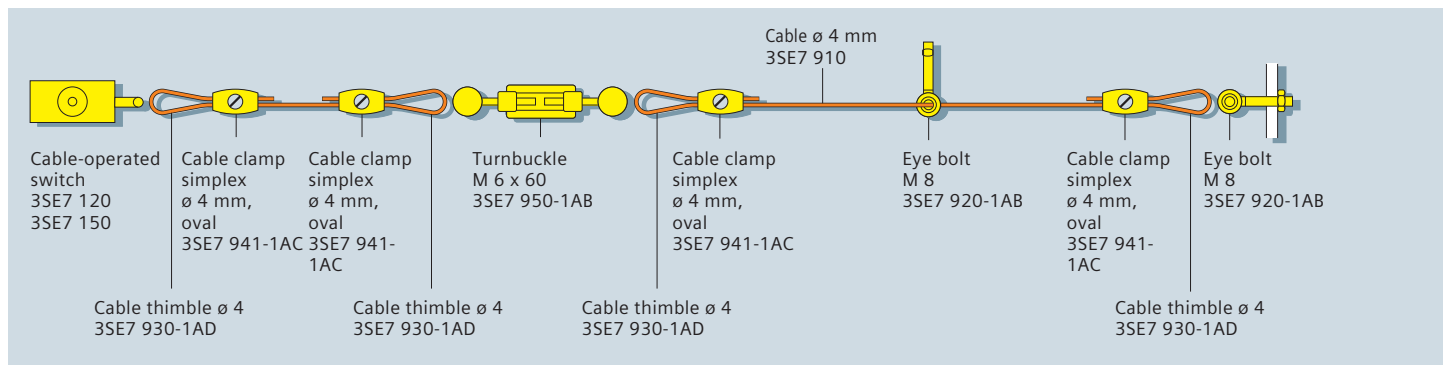
The specified values refer to installing switches in an ambient temperature of 20 °C. A length extension of the cable due to stretching and deformation of the cable eye is not taken into account.

The specified actuation forces are only nominal values as the spring forces are subject to a tolerance.

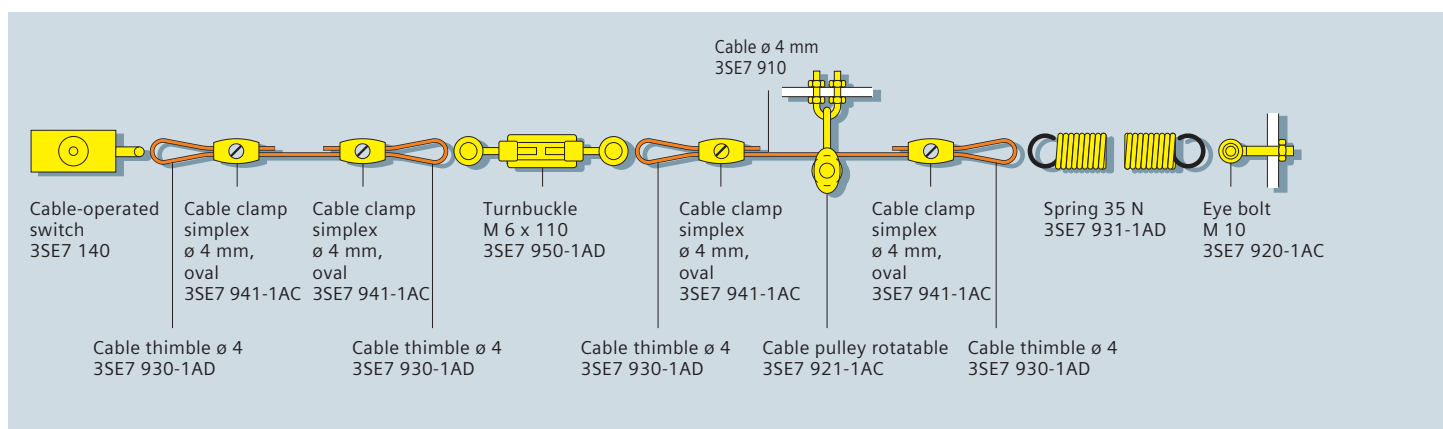
The 3SE7 cable-operated switches meet the requirements of the harmonized European standard EN 418 pertaining to EMERGENCY STOP equipment. The recommended use of a tension spring meets the requirements of the European standard draft EN 615 pertaining to continuous conveyor systems.

Installation examples

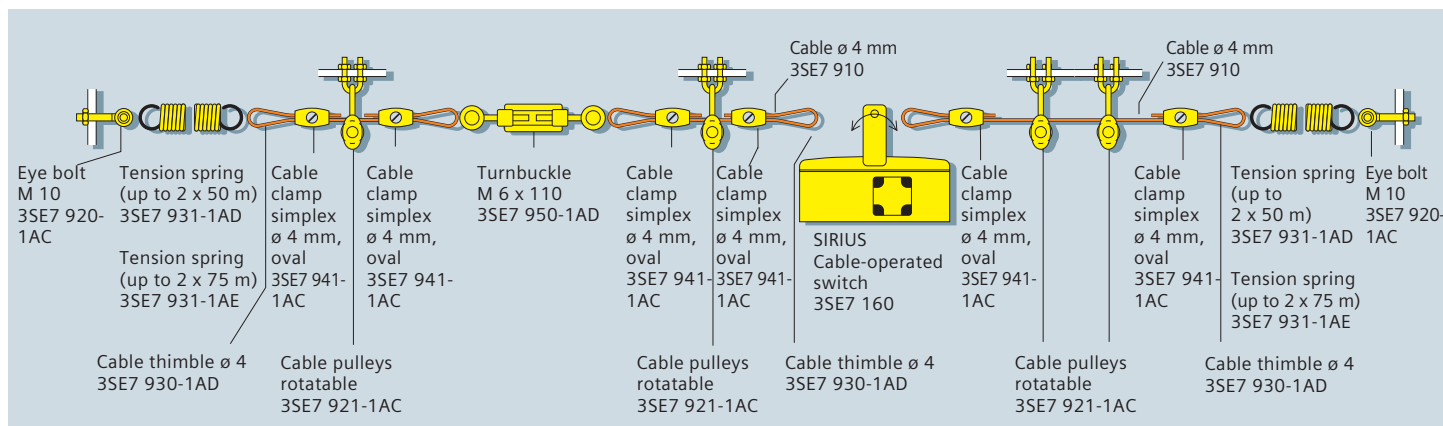
Cable lengths up to 25 m



Cable lengths up to 50 m



Two-sided actuation for cable lengths up to 2 x 75 m



For cable lengths 25 m and longer, a tensioning spring must be used.

The appropriate equalization springs must be used to compensate for higher temperature fluctuations. In order to ensure a solid connection, the PVC sheath must be removed from the steel cable at the clamping position. Cable supports must be used at the recommended intervals (refer to technical data).

Modular and communication-capable:

SIRIUS 8WD signaling columns and integrated signal lamps



Whether on machines or in automated processes – when complex and fast processes are to be controlled safely and according to regulations, our SIRIUS signaling columns and integrated signal lamps 8WD come as the perfect solution both for visual and acoustic warning. Thanks to their modularity, they support flexible adjustability and manifold applicability. The devices offer particularly easy and rapid mounting. Their rugged design and high degree of protection make them particularly resistant to shock and vibration. Furthermore, they are fully communication-capable via AS-Interface.

The advantages at a glance

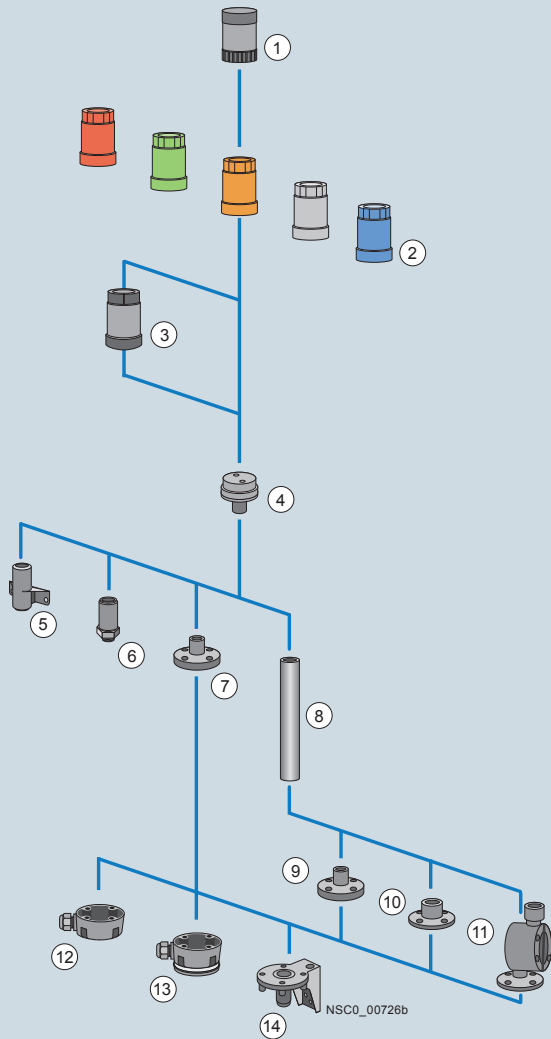
- Modules that can be flexibly combined: Can be stacked up to 4 high (for 8WD42); 5 to 10 elements (for 8WD44)
- Simple connection and fast lamp change using a mechanically and electrically secure and vibration-proof bayonet catch
- Communications-capable via an AS-Interface connection
- LEDs with an exceptionally long life
- Extremely resistant to shock and vibration
- 50 mm and 70 mm diameters
- Adjustable tone and volume of acoustic element
- Customizable options: continuous, blinking and flashing light, buzzers, sirens and LED elements
- Wide range colors: red, yellow, green, clear or blue
- Special features of the 8WD44: High IP65 degree of protection, spring-loaded terminals, and optimized illumination thanks to an improved prismatic system
- 8WD5 integrated signal lamps: IP65 degree of protection, with options of continuous, blinking or rotating beacon lights

8WD44 with AS-Interface

- A/B technology
- Addressing base
- LED status displays for diagnostics
- Manual changeover to an external auxiliary voltage

Configuration support signaling column 8WD42

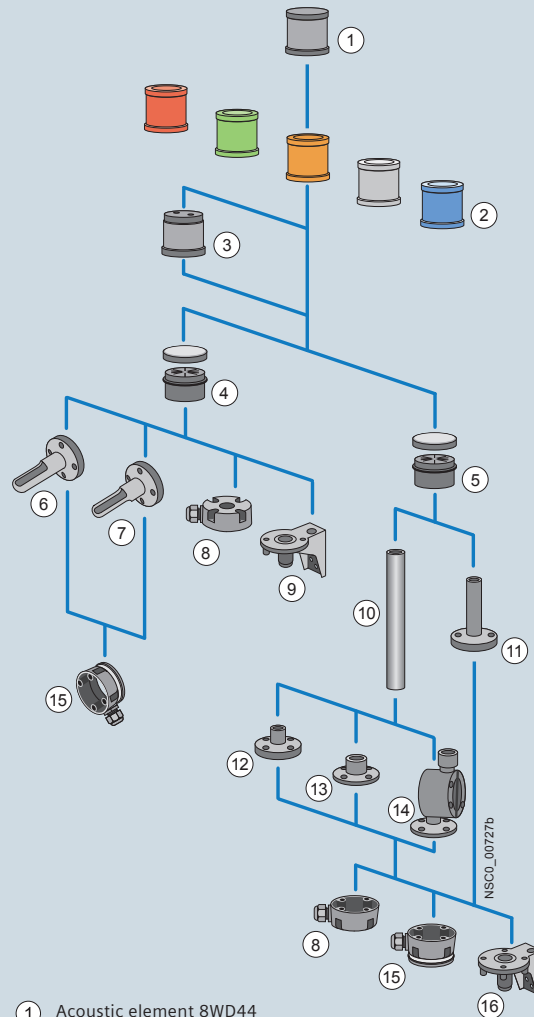
50 mm diameter with up to 4 elements



- ① Acoustic element 8WD42 .0-0FA
- ② Light element 8WD42.0-0FA
- ③ AS-Interface adapter element 8WD4228-0BB
- ④ Connection element 8WD42 08-0AA
- ⑤ Bracket for wall mounting 8WD42 08-0CD
- ⑥ Adapter for one-hole mounting 8WD42 08-0EH
- ⑦ Foot for floor mounting 8WD42 08-0DE
- ⑧ Pipe 8WD42 08-0EF/8WD43 08-0E.
- ⑨ Foot for pipe mounting 8WD43 08-0DB
- ⑩ Foot for pipe mounting (> 400 mm) 8WD43 08-0DC
- ⑪ Foldaway foot for pipe mounting 8WD44 08-0DF
- ⑫ Connection socket 8WD43 08-0DD
- ⑬ Connection socket (magnetic mounting) 8WD43 08-0DE
- ⑭ Bracket for foot mounting 8WD44 08-0CC

Configuration support signaling column 8WD44

70 mm diameter with up to 5 elements



- ① Acoustic element 8WD44
- ② Light element 8WD44
- ③ AS-Interface adapter element 8WD4428-0BD/8WD4428-0BE
- ④ Connection element for bracket, base and floor mounting 8WD4408-0AB/8WD4408-0AE
- ⑤ Connection element for pipe mounting 8WD4408-0AA/8WD4408-0AD
- ⑥ Bracket for wall mounting 8WD4308-0CA
- ⑦ Bracket for wall mounting (two- side) 8WD4308-0CB
- ⑧ Connection socket 8WD4308-0DD
- ⑨ Bracket for base mounting 8WD4408-0CD
- ⑩ Pipe 8WD42/8WD43
- ⑪ Foot with pipe 8WD4308-0DA
- ⑫ Foot for pipe mounting 8WD4308-0DB
- ⑬ Foot for pipe mounting (> 400 mm) 8WD4308-0DC
- ⑭ Foldaway foot for pipe mounting 8WD4408-0DF
- ⑮ Connection socket (magnetic mounting) 8WD4308-0DE
- ⑯ Bracket for foot mounting 8WD4408-0CC



Color:	red	yellow	green	blue	white/clear
	Emergency	Abnormal	Normal	Regulation	No special meaning defined
Explanation:	Hazard	Imminent critical state	Normal state	Indicates a condition that requires action	Can be used to signify anything – if there is any doubt regarding the colors red, yellow, green and blue
Application example:	Operating fault in an important system component	Tripping of a protection mechanism's auxiliary unit	Switch-on release, display of normal operating conditions	Operator instruction for the setting of pre-selected values	Operator instruction for the setting of pre-selected values

Selection and ordering data 8WD42

Diameter 50 mm, thermoplastic enclosure, degree of protection IP54					
	Version	Color	Rated voltage 24 V	Rated voltage 115 V	Rated voltage 230 V
			Order No.	Order No.	Order No.
Acoustic element					
	Buzzer element 80 dB, tone type: pulsating or continuous tone (setting via wire jumper)		8WD42 20-0FA	8WD42 40-0FA	8WD42 50-0FA
Light elements					
Incandescent lamp: base BA 15d, 5 W, 24 V/115 V/230 V (not included in scope of supply); LED: base BA 15d					
	Continuous light element	red green yel- low clear blue	Rated voltage 24 to 230 V AC/DC 8WD42 00-1AB 8WD42 00-1AC 8WD42 00-1AD 8WD42 00-1AE 8WD42 00-1AF		
	Flashing light element in LED technology	red green yel- low clear blue	8WD42 20-5BB 8WD42 20-5BC 8WD42 20-5BD 8WD42 20-5BE 8WD42 20-5BF	8WD42 40-5BB 8WD42 40-5BC 8WD42 40-5BD 8WD42 40-5BE 8WD42 40-5BF	8WD42 50-5BB 8WD42 50-5BC 8WD42 50-5BD 8WD42 50-5BE 8WD42 50-5BF
LED version (integrated version)					
	Continuous light element LED	red green yel- low	8WD42 20-5AB 8WD42 20-5AC 8WD42 20-5AD	–	–
AS-Interface adapter element					
	with external auxiliary voltage			24 V	8WD42 28-0BB
Connection element, incl. end cover					
	for pipe, floor and angle mounting		8WD42 08-0AA		
Accessories					
	Foot, individual	Plastic for pipe mounting, incl. rubber sealing Metal for pipe mounting, incl. rubber sealing Plastic for floor mounting, incl. rubber sealing			8WD43 08-0DB 8WD43 08-0DC 8WD42 08-0DE
	Connection socket	Lateral cable entry Lateral cable entry with magnetic fastening ¹⁾			8WD43 08-0DD 8WD43 08-0DE
	Pipe, individual	See accessories 8WD44			
	Bracket for wall mounting				8WD42 08-0CA
	Bracket for foot mounting				8WD44 08-0CC
	Adapter for one-hole mounting				8WD42 08-0EH
	Incandescent lamps base BA 15d, 5 W (pack. unit: 10 items)	24 V 115 V 230 V			8WD43 28-1XX 8WD43 48-1XX 8WD43 58-1XX
	LEDs base BA 15d	See accessories 8WD44			
	Labeling panel	See accessories 8WD44			

1) Only 1 element recommended with horizontal mounting

Selection and ordering data 8WD44

Diameter 70 mm, thermoplastic enclosure, degree of protection IP65

	Version	Color	Rated voltage 24 V	Rated voltage 115 V	Rated voltage 230 V
			Order No.	Order No.	Order No.
Acoustic element					
	Buzzer element 85 dB, tone type: pulsating or continuous tone (setting via wire jumper)		8WD44 20-0FA	8WD44 40-0FA	8WD44 50-0FA
	Siren element 108 dB, IP40 (24 DC)		8WD44 20-0EA	–	–
	Multi-tone siren 100 dB (8 tones and volume adjustable)		8WD44 20-0EA2	8WD44 40-0EA2	8WD44 50-0EA2
Light elements					
Incandescent lamp: base BA 15d, 5 W, 24 V/115 V/230 V (not included in scope of supply); LED: base BA 15d					
	Continuous light element	red green yellow clear blue	Rated voltage 12 to 230 V AC/DC 8WD44 00-1AB 8WD44 00-1AC 8WD44 00-1AD 8WD44 00-1AE 8WD44 00-1AF		
	Flashing light element	red green yellow clear blue	8WD44 20-1BB 8WD44 20-1BC 8WD44 20-1BD 8WD44 20-1BE 8WD44 20-1BF	8WD44 40-1BB 8WD44 40-1BC 8WD44 40-1BD 8WD44 40-1BE 8WD44 40-1BF	8WD44 50-1BB 8WD44 50-1BC 8WD44 50-1BD 8WD44 50-1BE 8WD44 50-1BF
	Single-flash light element with integrated flashlight electronics (no additional incandescent lamp or LED required)	red green yellow clear blue	8WD44 20-0CB 8WD44 20-0CC 8WD44 20-0CD 8WD44 20-0CE 8WD44 20-0CF	8WD44 40-0CB 8WD44 40-0CC 8WD44 40-0CD 8WD44 40-0CE 8WD44 40-0CF	8WD44 50-0CB 8WD44 50-0CC 8WD44 50-0CD 8WD44 50-0CE 8WD44 50-0CF
LED version (integrated version)					
	Continuous light element LED	red green yellow clear blue	8WD44 20-5AB 8WD44 20-5AC 8WD44 20-5AD 8WD44 20-5AE 8WD44 20-5AF	8WD44 40-5AB 8WD44 40-5AC 8WD44 40-5AD 8WD44 40-5AE 8WD44 40-5AF	8WD44 50-5AB 8WD44 50-5AC 8WD44 50-5AD 8WD44 50-5AE 8WD44 50-5AF
	Flashing light element LED	red green yellow	8WD44 20-5BB 8WD44 20-5BC 8WD44 20-5BD	–	–
	Rotating light element LED	red green yellow	8WD44 20-5DB 8WD44 20-5DC 8WD44 20-5DD	–	–
AS-Interface adapter element					
	A/B technology, manual switchover between voltage supply via bus or external auxiliary voltage 24 V		8WD44 28-0BD		

Accessories

Diameter 70 mm, thermoplastic enclosure, degree of protection IP65

Version	Color	Rated voltage 24 V	Rated voltage 115 V	Rated voltage 230 V
		Order No.	Order No.	Order No.

Connection element, incl. end cover, screw-type terminals



for pipe mounting

8WD44 08-0AA

for angle, base and floor mounting

8WD44 08-0AB

Connection element, incl. end cover, spring-loaded terminals



for pipe mounting

8WD44 08-0AD

for angle, base and floor mounting

8WD44 08-0AE

Light elements



LED
base BA 15d

red
green
yellow
clear
blue

8WD44 28-6XB
8WD44 28-6XC
8WD44 28-6XD
8WD44 28-6XE
8WD44 28-6XF

8WD44 48-6XB
8WD44 48-6XC
8WD44 48-6XD
8WD44 48-6XE
8WD44 48-6XF

8WD44 58-6XB
8WD44 58-6XC
8WD44 58-6XD
8WD44 58-6XE
8WD44 58-6XF

Incandescent lamps
base BA, 15d, 5W

8WD43 28-1XX

8WD43 48-1XX

8WD43 58-1XX



Foot, individual

Plastic for pipe mounting, incl. rubber sealing

8WD43 08-0DB



Foldaway base
for positioning in 7.5° grid

Plastic for pipe mounting, incl. rubber sealing,
markings for 30°, 45°, 60° and 90°

8WD44 08-0DF



Foot with pipe

Plastic, pipe length 100 mm, incl. rubber sealing

8WD43 08-0DA



Foot

Metal for pipe mounting, incl. rubber sealing
for pipe length > 400 mm

8WD43 08-0DC



Connection socket for foot

Lateral cable entry
Lateral cable entry with magnetic fastening

8WD43 08-0DD
8WD43 08-0DE



Pipe, individual

100 mm
150 mm
250 mm
400 mm
1000 mm

8WD42 08-0EF
8WD43 08-0EE
8WD43 08-0EA
8WD43 08-0EB
8WD43 08-0ED



Bracket for wall mounting
for one-side mounting
(mounting without foot and pipe)
for two-side mounting

8WD43 08-0CA

8WD43 08-0CB



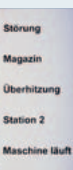
Bracket for foot mounting

8WD44 08-0CC



Bracket for base mounting

8WD44 08-0CD



Labeling panel
(for self-labeling) with fastening material for mounting on pipe Ø 25 mm
– labeling surface/level 50 x 140 mm
– suitable for standard labels, e.g. Zweckform 3425, Herma 4457

8WD44 08-0FA

Technical data signaling columns

Technical data, 8WD signaling columns

According to DIN VDE 0660 and IEC 60047-5-7-5-1 947-5-7-1

Type	8WD42 signaling columns	8WD44 signaling columns
Housing	Thermoplastic (polyamide), shock-proof, black	Thermoplastic (polyamide), shock-proof, black
Light elements	Thermoplastic (polycarbonate)	Thermoplastic (polycarbonate)
Fastening	<ul style="list-style-type: none"> horizontal (floor mounting, foot with pipe, 25 mm diameter) horizontal (single-hole mounting) vertical with angle bracket 	<ul style="list-style-type: none"> horizontal (floor mounting, foot with pipe, 25 mm diameter) vertical with angle bracket
Ambient temperature	–20°C to +50°C	–20°C to +50°C
Connection	Screw terminals M3 ≤ 2.5 mm ² ≤ 0.5 Nm	Screw or spring-loaded terminals M3 ≤ 2.5 mm ² ≤ 0.5 Nm
Degree of protection		
Light elements	IP54	IP65 (seal is pre-installed as standard for every module)
Acoustic elements	IP54	IP65 (8WD44 20-OEA – IP40)
Operating voltage, current drain		
Filament lamp (AC values at 50/60 Hz)		
• continuous light	12 V/24 V AC/DC/115 V AC/230 V AC	12 V AC/DC/24 V/115 V AC/230 V AC
• blinking light *	–	24 V AC/DC/125 mA; 115 V AC/20 mA; 230 V AC/15 mA
• flashing light *	–	24 V DC/125 mA; 115 V AC/25 mA; 230 V AC/15 mA
LED version (integrated version)		
• continuous light	24 V AC/DC/60 mA	24 V AC/DC/30 mA; 115 V AC/20 mA; 230 V AC/20 mA
• blinking light	24 V AC/DC/25 mA; 115 V AC/25 mA; 230 V AC/25 mA	24 V AC/DC/40 mA
• rotating beacon light	–	24 V AC/DC/70 mA
Acoustic elements		
• buzzer element (tone type: pulsating or continuous tone, 80 dB)	24 V AC/DC/25 mA; 115 V AC/25 mA; 230 V AC/25 mA	24 V AC/DC/25 mA; 115 V AC/25 mA; 230 V AC/25 mA
• siren element (8 tones + volume can be set, 100 dB)	–	24 V AC/DC/80 mA; 115 V AC/30 mA; 230 V AC/16 mA
• siren element (105 dB)	–	24 V DC/100 mA
Power drain		
Filament lamps	BA 15d base, max. 5 W	BA 15d base, 7 W
Flashing light	–	Flash energy 2 Ws
Certification		
CSA (not for 8WD44 20-OEA)		

Technical data, AS-Interface adapter element

According to DIN VDE 0660 and IEC 60047-5-7-5-1 947-5-7-1

Type	8WD42 with external auxiliary voltage	8WD44 28 (load voltage can be switched over via bus or external)
IQ code/ID code/ID2 code	8/F/–	8/A/E
Power supply	Via bus cable	Via bus cable or external
Operating voltage	18.5 V to 31.6 V	18.5 V to 31.6 V
Current drain I _{max}	50 mA	210 mA
Watchdog	Integrated	Integrated
Short-circuit/overload protection	Series fuse M 1.6 A	Integrated
Incorrect polarity protection	Integrated	Integrated
Induction protection	Not applicable	Integrated
Load voltage	External auxiliary voltage	Via bus cable or external 24 V
Outputs	4, relay	3, electronic
Current load capability Σ I _{max}	1.5 A	0.2 A via bus/0.3 A per stage for an external 24 V auxiliary voltage
Operating temperature	–20°C to +50°C	–25°C to +50°C
Degree of protection	IP54	IP65

SIRIUS 8WD53 Integrated Signal Lamps



SIRIUS integrated signal lamps are also perfectly suited for harsh ambient conditions as well as outdoor applications. For visual signaling, SIRIUS 8WD53 integrated signal lamps can be directly mounted anywhere on the machine.


Fastening is realized via a PG 29 screw base with nut.

The special shape of SIRIUS integrated signal lamps facilitates optimum radiation towards all directions (laterally and upward).

SIRIUS integrated signal lamps consistently feature the high degree of protection IP65 and are made of very shock-resistant material.

Red, green, yellow, transparent, clear and blue are available for continuous lighting (incandescent lamp and single-flash light version). The LED versions of the integrated signal lamps offer a considerably longer service life than incandescent lamps. Besides continuous lighting, this version also features a flashing and a rotating light.

Selection and ordering data 8WD53*

Light elements	Version	Color	Rated voltage 24 V	Rated voltage 115 V	Rated voltage 230 V
			Order No.	Order No.	Order No.
Incandescent lamp: base BA 15d, 5 W; LED base BA 15d (not included in scope of supply)					
	Continuous light	red	8WD53 00-1AB		
		green	8WD53 00-1AC		
		yellow	8WD53 00-1AD		
		clear	8WD53 00-1AE		
		blue	8WD53 00-1AF		
	Single-flash light (with integrated flashlight electronics)	red	8WD53 20-0CB	8WD53 40-0CB	8WD53 50-0CB
		green	8WD53 20-0CC	8WD53 40-0CC	8WD53 50-0CC
		yellow	8WD53 20-0CD	8WD53 40-0CD	8WD53 50-0CD
		clear	8WD53 20-0CE	8WD53 40-0CE	8WD53 50-0CE
		blue	8WD53 20-0CF	8WD53 40-0CF	8WD53 50-0CF
LED version (integrated version)					
	Continuous light LED	red	8WD53 20-5AB		
		green	8WD53 20-5AC		
		yellow	8WD53 20-5AD		
	Single-flash light LED	red	8WD53 20-5BB		
		green	8WD53 20-5BC		
		yellow	8WD53 20-5BD		
	Rotating light LED	red	8WD53 20-5DB		
		green	8WD53 20-5DC		
		yellow	8WD53 20-5DD		

* For accessories, incandescent lamps and LEDs, see 8BWD44

Technical data

Housing	PC/ABS shield, shock-proof, black
Spherical cap	Thermoplastic (polycarbonate), shock-proof up to 20 J
Fastening	37 mm diameter hole (Pg 29)
Cable outlet	Radial or axial
Ambient temperature	–20°C to +60°C Flashing LED up to +50°C
Degree of protection	IP65
Certification	UL/CSA
Operating voltage (AC values at 50 Hz) Continuous light (filament lamp/LED) Flashing light	AC/DC 24 V/115 V/230 V 24 V/125 mA AC/DC; 115 V/20 mA; 230 V/15 mA
LED light	24 V/70 mA AC/DC
Flash power	2 Ws/approx. 1 Hz
LED lights Blinking lights Rotating beacon light	Flash frequency, approx. 1 Hz Rotating frequency, approx. 120 RPM
Inrush current LED light Flashing light	< 0.5 A 24 V/115 V < 0.5 A; 230 V < 0.5 A

Siemens AG
Industry Sector
Control Components
and Systems Engineering
P.O. Box 25 55
90713 FÜRTH
GERMANY

Subject to change without prior notice 07/12
Order No. E20001-A890-P305-V2-7600
Dispo 27601
WÜ/42518 MI.CE.SG.BMXX.52.2.02
WS 07125.0
Printed in Germany
© Siemens AG 2012

The information provided in this brochure contains merely general descriptions or characteristics of performance which in actual case of use do not always apply as described or which may change as a result of further development of the products. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of contract.

All product designations may be trademarks or product names of Siemens AG or supplier companies whose use by third parties for their own purposes could violate the rights of the owners.