

Commanding and signaling devices

**Price groups**

PG 41J, 41K, 42C, 42D, 42K, 572

13/2 Introduction**SIRIUS ACT pushbuttons and indicator lights**

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Actuators and indicators, 22 mm, round, plastic, black

13/25 Complete units

13/33 Compact units

13/35 Actuating and signaling elements

Actuators and indicators, 22 mm, metal, shiny13/48 **Complete units** **NEW**

13/56 Compact units

13/58 **Actuating and signaling elements** **NEW**Actuators and indicators, flat, 30 mm, metal, matte

13/71 Actuating and signaling elements

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13/173 General data

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SIRIUS 8WD5 integrated signal lamps

13/184 8WD53 integrated signal lamps, 70 mm diameter

 Note:

13/17 SIRIUS ACT pushbuttons and indicator lights can also be ordered in practical, environment-friendly multi-unit packaging.

Example:

3SU1000-1AA10-0AA0-Z X90; pack of 50

 Note:

Products with our Siemens EcoTech label are marked in the catalog with this symbol:

See
www.siemens.com/sirius/SiemensEcoTech

Commanding and signaling devices

Introduction

Overview



3SU1.0

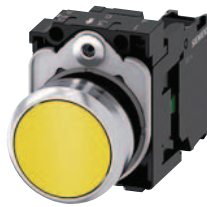
Pushbuttons and indicator lights

Designs

Nominal diameter
Version

22 mm
Plastic

	Complete units	Compact units	Actuating/ signaling elements
Actuators			
Pushbuttons	✓ see p. 13/25	--	✓ see p. 13/35
Illuminated pushbuttons	✓ see p. 13/25	--	✓ see p. 13/36
Mushroom pushbuttons	✓ see p. 13/27	--	✓ see p. 13/38
EMERGENCY-STOP mushroom pushbuttons	✓ see p. 13/28	--	✓ see p. 13/39
Selector switches	✓ see p. 13/29	--	✓ see p. 13/41
Key-operated switches	✓ see p. 13/30	--	✓ see p. 13/43
ID key-operated switches	--	--	✓ see p. 13/45
Twin pushbuttons	--	--	✓ see p. 13/37
Quadruple pushbuttons	--	--	✓ see p. 13/37
Toggle switches	--	--	✓ see p. 13/40
Coordinate switches	✓ see p. 13/31	--	✓ see p. 13/46
Potentiometers	--	✓ see p. 13/33	--
Pushbuttons with extended stroke	--	✓ see p. 13/34	--
Indicators			
Indicator lights	✓ see p. 13/32	--	✓ see p. 13/46
Indicator lights in illuminated pushbutton design	--	--	✓ see p. 13/46
Acoustic signaling devices	--	✓ see p. 13/33	--
Modules			
Contact modules	✓ see p. 13/80 ... 13/84		
LED modules	✓ see p. 13/85 ... 13/88		
AS-Interface modules	✓ see p. 13/89		
Electronic modules for IO-Link	✓ see p. 13/90		
Electronic modules for ID key-operated switches	✓ see p. 13/91		
Modules for PROFINET	✓ see p. 13/92		
Support terminals	✓ see p. 13/94		
Connections			
Screw terminals	✓	✓	✓
Spring-loaded terminals	✓	--	✓
Solder pins	--	--	✓
AS-Interface	✓	--	✓
IO-Link	--	--	✓
PROFINET	--	--	✓
✓ Available			
-- Not available			



	3SU1.5			3SU1.6			3SB2
Pushbuttons and indicator lights							
Designs							
Nominal diameter	22 mm			30 mm			16 mm
Version	Metal, shiny			Metal, matte, flat			Plastic, round
	Complete units	Compact units	Actuating/ signaling elements	Complete units	Compact units	Actuating/ signaling elements	Complete units, actuating/ signaling elements
Actuators							
Pushbuttons	✓ see p. 13/48	--	✓ see p. 13/58	--	--	✓ see p. 13/71	✓ see p. 13/147
Illuminated pushbuttons	✓ see p. 13/48	--	✓ see p. 13/59	--	--	✓ see p. 13/71	✓ see p. 13/147
Mushroom pushbuttons	✓ see p. 13/50	--	✓ see p. 13/61	--	--	--	--
EMERGENCY-STOP mushroom pushbuttons	✓ see p. 13/51	--	✓ see p. 13/62	--	--	--	✓ see p. 13/147
Selector switches	✓ see p. 13/53	--	✓ see p. 13/64	--	--	✓ see p. 13/72	✓ see p. 13/147
Key-operated switches	✓ see p. 13/54	--	✓ see p. 13/67	--	--	✓ see p. 13/73	✓ see p. 13/148
ID key-operated switches	--	--	✓ see p. 13/69	--	--	--	--
Twin pushbuttons	--	--	✓ see p. 13/60	--	--	--	--
Toggle switches	--	--	✓ see p. 13/64	--	--	--	--
Coordinate switches	✓ see p. 13/54	--	✓ see p. 13/69	--	--	--	--
Potentiometers	--	✓ see p. 13/56	--	--	--	--	--
Pushbuttons with extended stroke	--	✓ see p. 13/57	--	--	--	--	--
Indicators							
Indicator lights	✓ see p. 13/55	--	✓ see p. 13/69	--	--	✓ see p. 13/73	✓ see p. 13/146
Acoustic signaling devices	--	✓ see p. 13/56	--	--	--	--	--
Modules							
Contact modules	✓ see p. 13/80 ... 13/84						
LED modules	✓ see p. 13/85 ... 13/88						
Wedge bases	--	--	--	--	--	--	✓ see p. 13/156
AS-Interface modules	✓ see p. 13/89						
Electronic modules for IO-Link	✓ see p. 13/90						
Electronic modules for ID key-operated switches	✓ see p. 13/91						
Modules for PROFINET	✓ see p. 13/92						
Support terminals	✓ see p. 13/94						
Connections							
Plug-in connection	--	--	--	--	--	--	✓
Screw terminals	✓	✓	✓	✓	✓	✓	--
Spring-loaded terminals	✓	✓	✓	✓	✓	✓	--
Solder pins	✓	✓	✓	✓	✓	✓	✓
AS-Interface	✓	✓	✓	✓	✓	✓	--
IO-Link	✓	✓	✓	✓	✓	✓	--
PROFINET	--	--	✓	--	--	✓	--

✓ Available

-- Not available

Note:

Safety characteristics, see page 16/9.

Commanding and signaling devices

Introduction



	3SU18	3SU18	3SE71	3SE73	3SE29, 3SE39
	Enclosures	Two-hand operation consoles	Cable-operated switches	Conveyor belt unbalance trackers	Foot switches
Enclosures					
Plastic	✓	✓	--	--	✓
Metal	✓	✓	✓	✓	✓
Actuators					
Pushbuttons	✓	--	✓	✓	✓
Illuminated pushbuttons	✓	--	--	--	--
Mushroom pushbuttons	✓	✓	--	--	--
EMERGENCY-STOP mushroom pushbuttons	✓	✓	✓	--	--
Selector switches	✓	--	--	--	--
Key-operated switches	✓	--	--	--	--
Cable-operated switches	--	--	✓	--	--
Indicators					
Indicator lights	✓	--	✓	--/✓	--
Acoustic signaling devices	✓	--	--	--	--
Modules (see p. 13/84 to 13/94)					
1-pole/2-pole	✓/--	✓	--/✓	--	--/✓
3-pole/4-pole	--	--	✓	--	✓
Connections					
Screw terminals	✓	✓	✓	✓	✓
AS-Interface	✓	--	--	--	--
IO-Link	✓	--	--	--	--
PROFINET	✓	--	--	--	--
Pages	see p. 13/95	see p. 13/108	see p. 13/158	see p. 13/163	see p. 13/164

✓ Available

-- Not available



8WD46



8WD42



8WD44



8WD53

	Signaling columns			Integrated signal lamps
	Electronically configurable	Mechanically modular		
Enclosures				
Plastic	✓	✓		✓
Illumination				
Incandescent lamps	--	✓		✓
Multi-color LED (RGB-LED)	✓	--		--
LEDs	--	✓		✓
Flashlights	--	✓		✓
Connections				
Screw terminals	--	✓		✓
Spring-loaded terminals	--	✓		--
M12 plugs	✓	--		--
Communication				
AS-Interface	--	✓	✓	--
IO-Link	✓	--	✓	--
Standard (without communication)	✓	✓	✓	✓
Functions				
Continuous lights	✓	✓	✓	✓
Blinklights	✓	✓	✓	✓
Flashlights	✓	✓	✓	✓
Rotating lights	✓	✓	✓	✓
Level indicators	✓	--	--	--
Acoustics				
• Buzzer	--	✓	✓	--
• Siren	✓	--	✓	--
Pages	see p. 13/166 onwards	see p. 13/173 ... 13/178	see p. 13/173 ... 13/175, 13/179	see p. 13/184 onwards

✓ Available

-- Not available

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

General data

Overview



SIRIUS ACT pushbuttons and indicator lights

SIRIUS ACT – commanding and signaling

SIRIUS ACT is a modular system of pushbuttons and indicator lights for front plate mounting and rear-mounted electrical modules. Thanks to SIRIUS ACT with PROFINET, commanding and signaling devices can be connected directly via PROFINET to the controller and HMI devices – including with safety functions. Engineering and commissioning are simplified by the TIA Portal.

Extensive portfolio

- Customized versions, e.g. special locks, inscriptions, equipped enclosures
- Communication-capable thanks to direct interfacing to AS-Interface, IO-Link or PROFINET

Diverse possible applications

- National and international approvals
- Many trade approvals
- Short delivery times thanks to global availability

Standards

- IEC 60947-1
- IEC 60947-5-1
- IEC 60947-5-5 for EMERGENCY-STOP devices

More information

Homepage, see www.siemens.com/sirius-act
 SiePortal, see www.siemens.com/product?3SU1
 Configurator, see www.siemens.com/sirius-act/configurator
 Conversion tool, see www.siemens.com/conversion-tool
 System Manual, see <https://support.industry.siemens.com/cs/ww/en/view/107542462>
 TIA Portal, see www.siemens.com/TIA
 TIA Selection Tool Cloud (TST Cloud), see www.siemens.com/tstcloud/?node=SiriusActConfigurator



Video: SIRIUS ACT – Teaser trailer

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

General data

Configurator



- Fast and simple selection by intuitive navigation through clearly-organized menus using drag & drop
- Image preview of selected components
- Inscription of pushbuttons and labeling plates using the interactive inscription tools
- Once created, a configuration can be ordered as often as required using the customer-specific article number and the CIN (Configuration Identification Number)
- Everything at a glance: Product data sheets, certificates, dimensional drawings, list prices, inscription tool



Video: SIRIUS ACT – Configurator

Connection methods



Screw terminals



Spring-loaded terminals,
spring-loaded terminals (push-in)



Socket terminals (THT)



Insulation piercing method



Insulation displacement connection

The connection method is indicated in the corresponding tables by the symbols shown on orange backgrounds.

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

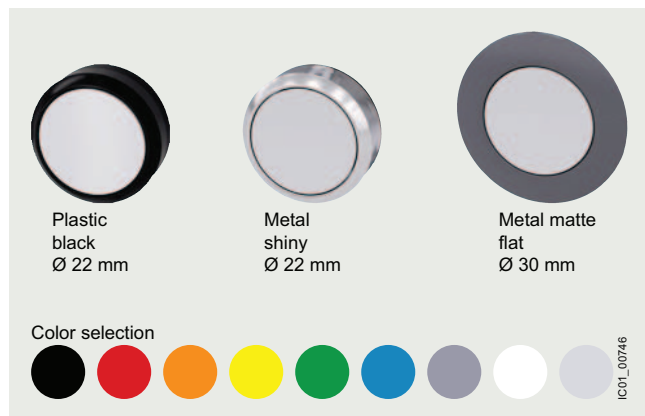
General data

Benefits

Design



Video: SIRIUS ACT – Design



SIRIUS ACT is available in three design lines.

Ruggedness



Video: SIRIUS ACT – Ruggedness

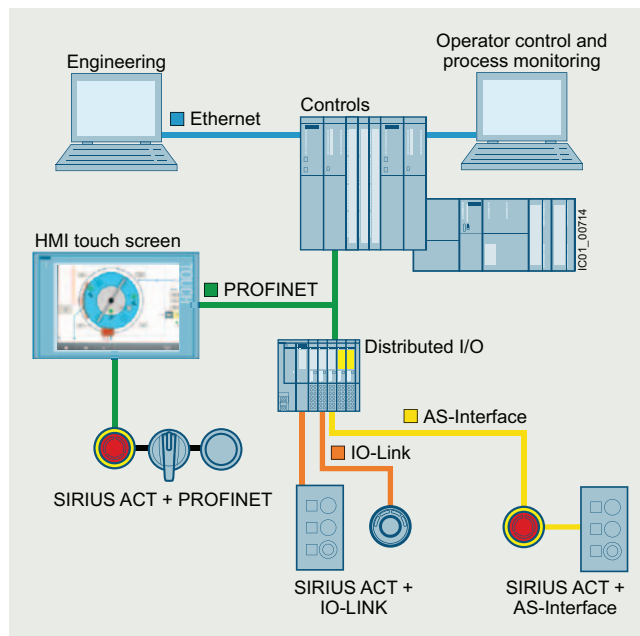


- Degree of protection IP66, IP67, IP69 (IP69K)

IP66	
6 = Protection against the ingress of dust	6 = Protection against powerful splashwater
IP67	
6 = Protection against the ingress of dust	7 = Protection against temporary immersion
IP69 (IP69K)	
6 = Protection against the ingress of dust	9 (9K) = Protection against water in high-pressure cleaning (approx. 80 bar) and high water jet temperatures (approx. 80 °C)

- Service life of 100 000 hours thanks to use of LEDs
- Media resistance (chemicals) thanks to solid stainless steel and high-grade plastics
- Mechanical endurance of 10×10^6 operating cycles
- Suitable for use in extreme environments
- Reliable, friction-locked fixing with just one screw
- Design stability according to use
- Simple geometry for mounting holes

Communication

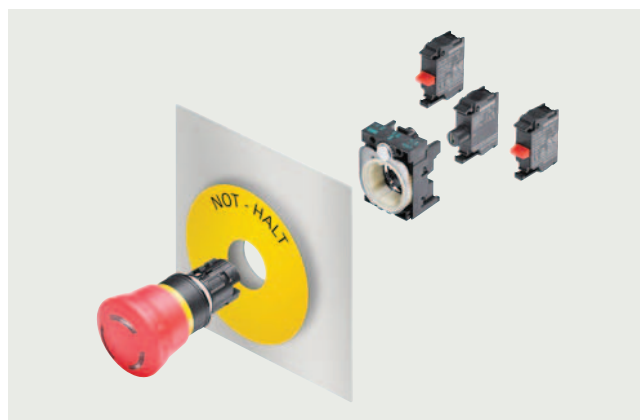


- Direct connection of the enclosure to AS-Interface or IO-Link
- Direct connection in the control cabinet to PROFINET, IO-Link or AS-Interface
- Easy integration possible via the TIA Portal

Simple installation



Video: SIRIUS ACT – Installation



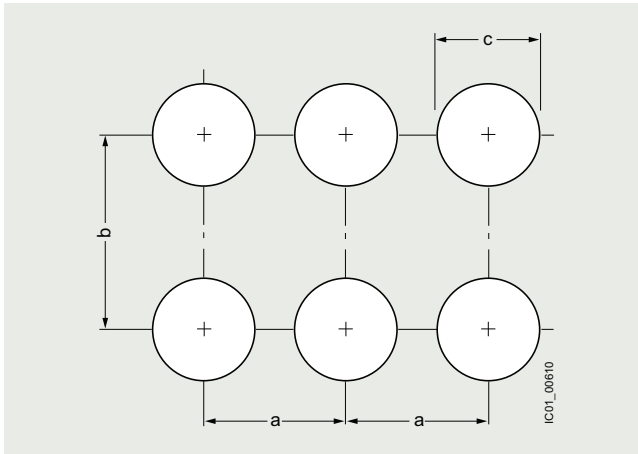
- Self-holding function of the actuator when mounting
- Twist prevention integrated into patented holder design
- Stackable contact modules
- Self-explanatory and fast installation using one hand
- Components can be mounted with holder removed
- No special tools required, simple size 2 screwdriver (cross-tip ISO 87641PZD1, flat-head ISO 2380-1 A/B 1x4.5) is sufficient

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

General data

Mounting dimensions



Version	Minimum clearance		
	a	b	c
	mm	mm	mm
22 mm, plastic, black			
22 mm, metal, shiny			
For front panel thickness 1 ... 6 mm			
3-slot holder	30	40	22.3 ^{+0.4}
4-slot holder	40	40	22.3 ^{+0.4}
30 mm, metal, matte			
For front panel thickness 1 ... 4 mm			
3-slot holder	40	45	30.5 ^{+0.5}

Versions

SIRIUS ACT is a modular system of pushbuttons and indicator lights with which customized versions can be configured flexibly.

One command point comprises:

- An actuating or signaling element in front of the control panel
- A holder for securing behind the control panel
- Up to six contact modules and/or one LED module (mounted on the holder), 1-pole contacts can be stacked
- A comprehensive range of accessories for inscription/markings

Complete units

Complete units made up of an actuating or signaling element, holder and contact modules and/or LED modules are offered for the most frequent application cases. The electrical parts are integrated and only have to be wired.

Compact units

Signaling devices, pushbuttons with extended stroke and potentiometers are available as compact units. The electronic circuitry is already integrated in these devices, i.e. it is not necessary to snap on a contact or LED module.



Complete units	Pages
Plastic, black	13/25
Metal, shiny	13/48



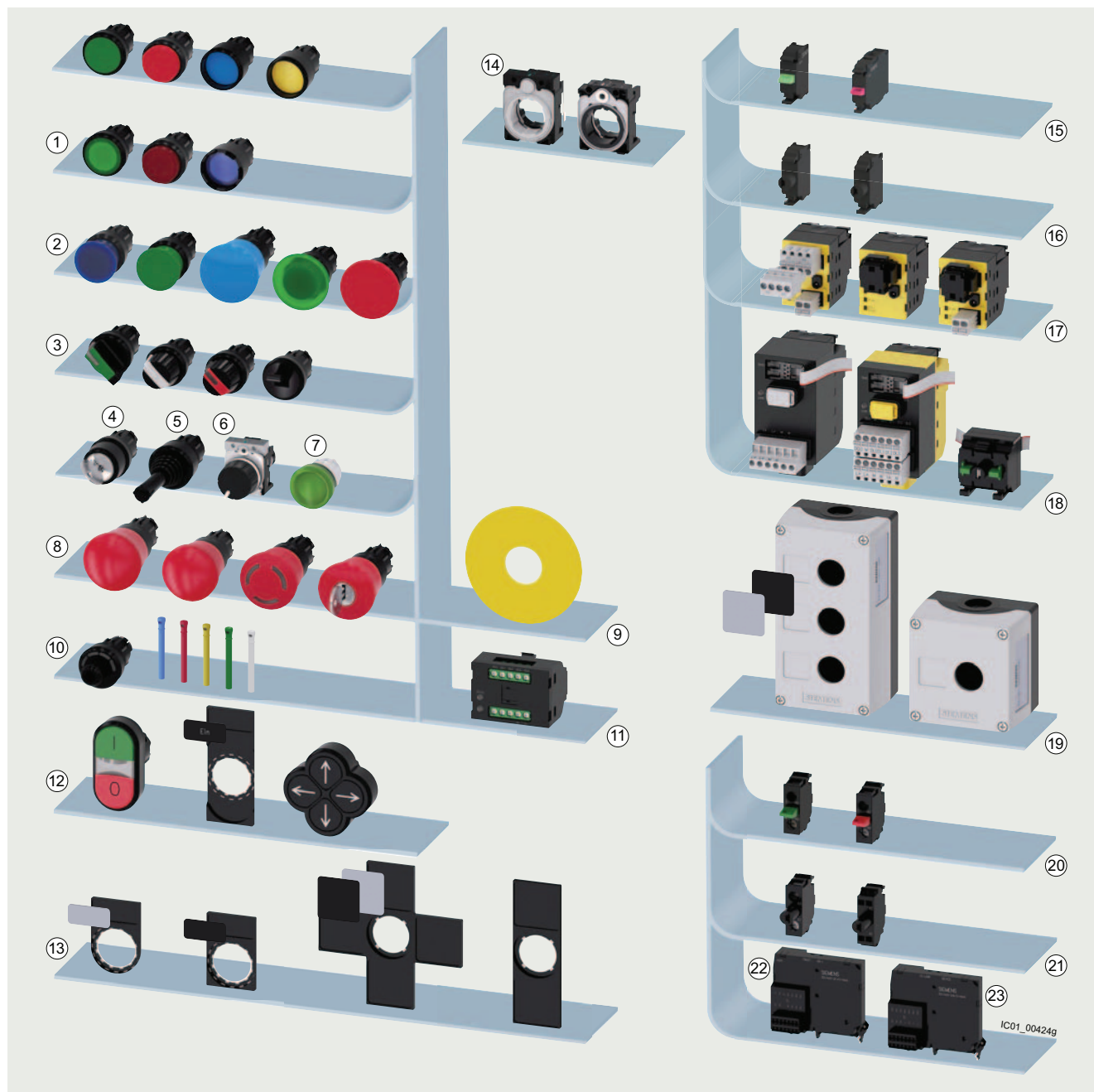
Compact units	Pages
Plastic, black	13/33
Metal, shiny	13/56

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

General data

Actuating and signaling elements



System overview of SIRIUS ACT pushbuttons and indicator lights from the plastic design line, pushbuttons and indicator lights available in three design lines.

Actuating and signaling elements		Pages	Modules for front plate mounting		Pages
①	Pushbuttons, illuminated pushbuttons	13/25	⑮	Contact modules	From 13/80
②	Mushroom pushbuttons	13/27	⑯	LED modules	From 13/85
③	Selector switches, toggle switches	13/40, 13/41	⑰	AS-Interface modules	13/89
④⑤	Key-operated switches, coordinate switches	13/43, 13/46	⑳	Electronic modules for IO-Link	13/90
⑥⑦	Potentiometers, indicator lights	13/33, 13/46	㉑	Modules for PROFINET: Interface modules, fail-safe interface modules, terminal modules	13/92
⑧⑨	EMERGENCY-STOP mushroom pushbuttons, backing plates	13/28	Enclosures		Pages
⑩	ID key-operated switches, ID keys	13/45	㉒	Enclosures	From 13/95
⑪	Electronic modules for ID key-operated switches	13/91	Modules for base mounting		Pages
⑫	Twin pushbuttons, label holders, labeling plates, quadruple pushbuttons	13/37	㉓	Contact modules	From 13/84
Holders and labels		Pages	㉔	LED modules	From 13/87
⑬	Label holders, labeling plates	From 13/112	㉕	AS-Interface modules	13/89
⑭	Holders	From 13/77	㉖	Electronic modules for IO-Link	13/90

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

General data

SIRIUS ACT with PROFINET

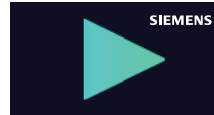
SIRIUS ACT with PROFINET connects pushbuttons and indicator lights directly via PROFINET to the controller and HMI devices – including with Safety functions.

With this solution designed for the control panel, up to 21 SIRIUS ACT devices can be connected to the controller via PROFINET. Integration of the EMERGENCY-STOP mushroom pushbutton (SIL 3/PL e) is possible via PROFIsafe.

Non-SIRIUS ACT devices, e.g. position switches, can additionally be connected via the open, digital/analog interfaces (DI, DQ, AI).

The system is entirely integrated into TIA Portal and does not require any further addressing apart from the IP address for PROFINET.

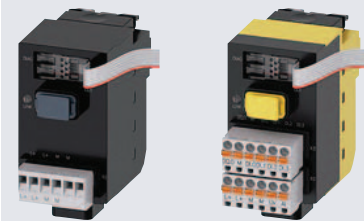
Quick and easy installation with flat ribbon cables without special tools significantly saves on wiring outlay.



Video: SIRIUS ACT, Communication/PROFINET



Interface modules/fail-safe interface modules

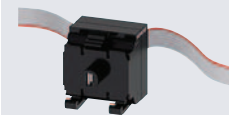


Interface modules for PROFINET, 24 V DC
1 to 20 terminal modules can be connected

3SU1400-1L□10-□AA1

[See page 13/92](#)

Terminal modules



Terminal modules with two contacts
Terminal modules with two contacts and integrated LED
Terminal modules with integrated LED

3SU1400-1MA□0-1□A1

3SU1401-1MC□0-1□A1

3SU1401-1ME□0-1□A1

[See page 13/92](#)

Accessories



Memory modules

For backing up the complete parameterization of the safety system without a PC/PG through the system interface

3RK3931-0AA00

[See page 13/93](#)

LED modules for PROFINET interface modules

3SU1401-3BA□0-5AA0

[See page 13/93](#)

Flat ribbon cables

7 cores, length 5 m

7 cores, length 10 m

3SU1900-0KQ80-0AA0

3SU1900-0KP80-0AA0

[See page 13/141](#)

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

General data

ID key-operated switches

Groups of employees or individuals can be authenticated by means of the ID key-operated switch. The ID key-operated switch is electronic and has four switch positions that are selected by keys with different codes. Using the four ID keys with different codes, it is possible to select 1 to 4 positions. The ID keys are color-coded (yellow, blue, red, green, white) so that they can be clearly differentiated at a glance and used flexibly thanks to four function levels.



Video: SIRIUS ACT ID key-operated switches

RFID authentication solutions

Groups of employees or individuals can be authenticated by means of the ID key-operated switch. Color-coded keys for easy distinction between users.

Different versions of ID key-operated switches are available depending on the following features:

- Front ring material
- Conventional version: 1 + 4 non-isolated outputs
- Version with IO-Link: Option of individual coding

Operation:

Insert ID key, turn key to select the position. Standard keys can also be used in conjunction with the electronic module for ID key-operated switches with IO-Link function. The white ID key is supplied without coding.



3SU1000-4WS10-0AA0
Plastic, black



3SU1500-0AA10-0AA0
Holder, plastic



3SU1550-0AA10-0AA0
Holder, universal

ID key-operated switches

Number of switch positions	4
Actuating angle	45°
Operating principle	Latching
Switch position for key removal	Key removal possible in all four positions
Color	Black
Pages	13/45



3SU1400-1GC10-1AA0



3SU1400-1GD10-1AA0

Electronic modules for ID key-operated switches

Type of power supply	--	Via IO-Link master
Protocol is supported	--	IO-Link protocol
Number of NO contacts	5	5
IO-Link transfer rate	--	COM2 (38.4 kBaud)
Pages	13/91	13/91



3SU1900-0FU60-0AA0

ID keys ID group individual



3SU1900-0FV40-0AA0
3SU1900-0FW30-0AA0
3SU1900-0FX20-0AA0
3SU1900-0FY50-0AA0

ID keys

ID keys

Material	Plastic	Plastic
Version of RFID coding	Individually coded, programmable several times	ID group 1 ID group 2 ID group 3 ID group 4
Color	White	Green Yellow Red Blue
Pages	13/137	13/137

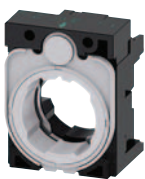
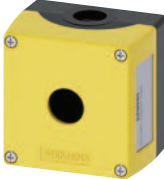
Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

General data

Article number schemes

Device types

						
3SU10	3SU11	3SU12	3SU14	3SU15	3SU18	3SU19
Device types						
Actuating and signaling elements	Complete units	Compact units	Modules for actuators and indicators	Holders with module	Enclosures	Accessories

Actuating and signaling elements

Product versions		Article number									
SIRIUS ACT pushbuttons and indicator lights		3SU1	☐	☐	☐	☐	☐	☐	☐	☐	☐
Device type	Actuating and signaling elements	0									
Material (front ring)	Plastic, black Metal, shiny Metal, matte	0 5 6									
Illumination	Non-illuminated Illuminated/transparent Illuminated/non-illuminated	0 1 2									
Type of actuator/indicator	Pushbuttons Mushroom pushbutton/EMERGENCY-STOP mushroom pushbutton Selector switch Twin pushbutton, toggle switch, quadruple pushbutton Key-operated switch Indicator light/acoustic signaling device Coordinate switch	0 1 2 3 4/5 6 7									
Design of the actuator/lock	e.g. A = Flat						☐				
Function	e.g. B = Momentary contact						☐				
Color/key removal position	e.g. 10 = Black, 20 = Red						☐	☐			
Connection type	None								0		
Module/holder equipment	e.g. A = Without module, without holder									☐	
Marking	e.g. A = None, C = "I", D = "O", R = "R"									☐	
Ambient condition	Standard ATEX Zone 1-2: Intrinsic safety									0 2	
Example		3SU1	0	0	0	-	0	A	B	1	0
								-	0	A	A
										0	

Note:

The article number scheme shows an overview of product versions for better understanding of the logic behind the article numbers.

For your orders, please use the article numbers quoted in the selection and ordering data.

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

General data

Complete units

Product versions		Article number														
SIRIUS ACT pushbuttons and indicator lights		3SU1	□	□	□	-	□	□	□	□	□	-	□	□	□	□
Device type	Complete units	1														
Material (front ring)	Plastic, black	0														
	Metal, shiny	5														
	Metal, matte	6														
Illumination	Non-illuminated	0														
	Illuminated (with/without LED, various voltages)	1														
		...	8													
Type of actuator/indicator	Pushbutton	0														
	Mushroom pushbutton/EMERGENCY-STOP mushroom pushbutton	1														
	Selector switch	2														
	Twin pushbutton, toggle switch	3														
	Key-operated switch	4/5														
	Indicator light/acoustic signaling device	6														
	Coordinate switch	7														
Design of the actuator/lock	e.g. A = Flat												□			
Function	e.g. B = Momentary contact													□		
Color/key removal position	e.g. 10 = Black, 20 = Red														□ □	
Connection type	Screw terminals															1
	Spring-loaded terminals															3
Module/holder equipment including contact material	e.g.															□
	A = Without module, with holder															
	B = 1 NO contact with holder															
	C = 1 NC contact with holder															
Marking	e.g. A = None, C = "I", D = "O", R = "R"															□
Ambient condition	Standard															0
	ATEX Zone 1-2: Intrinsic safety															2
Example		3SU1	1	0	0	-	0	A	B	1	0	-	1	B	A	0

Compact units

Product versions		Article number														
SIRIUS ACT pushbuttons and indicator lights		3SU1	☐	☐	☐	-	☐	☐	☐	☐	☐	-	☐	☐	☐	☐
Device type	Compact units	2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Material (front ring)	Plastic, black	0	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	Metal, shiny	5	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	Metal, matte	6	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Illumination	Non-illuminated	0	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	Illuminated/non-illuminated	1	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Type of actuator/indicator	Pushbuttons	0	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	Potentiometers	2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	Acoustic signaling device	6	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Design of the actuator/lock	e.g. A = Flat	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Function (voltage/resistance)	e.g. B = 24 V AC/DC	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Color	e.g. 10 = Black, 20 = Red	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Connection type	None	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	Screw terminals	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	M12 connection, 4-pole	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	Spring-loaded terminals	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Module/holder equipment including contact material	e.g.	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	A = Without module, without holder	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	B = 1 NO contact with holder	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	C = 1 NC contact with holder	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Marking	e.g. A = None	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Ambient condition	Standard	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	ATEX Zone 1-2: Intrinsic safety	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Example		3SU1	2	0	1	-	6	A	B	1	0	-	1	A	A	0

Note:

The article number schemes show an overview of product versions for better understanding of the logic behind the article numbers.

For your orders, please use the article numbers quoted in the selection and ordering data.

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

General data

Modules for actuators and indicators

Product versions		Article number											
SIRIUS ACT pushbuttons and indicator lights		3SU1	☐	☐	☐	-	☐	☐	☐	☐	☐	☐	☐
Device type	Modules for actuators and indicators	4											
Material (front ring)	Plastic, black	0											
Illumination	Non-illuminated	0											
	Illuminated	1											
Mounting type	Front plate mounting	1											
	Base mounting	2											
	Printed circuit board	3											
Module type	Contact module	A											
	LED module	B											
	LED test module	C											
	Support terminal	D											
	AS-Interface module	E											
	Electronic module for ID key-operated switches	G											
	Interface module for PROFINET	L											
	Terminal module	M											
Function/voltage	e.g. B = 24 V AC/DC							☐					
Color	e.g. 10 = Black, 20 = Red							☐	☐				
Connection type	Screw terminals									1			
	Screw terminals + insulation piercing method									2			
	Spring-loaded terminals									3			
	Spring-loaded terminals + insulation piercing method									4			
	Socket terminals									5			
Module equipment including contact material	e.g.									☐			
	A = None												
	B = 1 NO contact, silver												
	C = 1 NC contact, silver												
Marking	None											A	
Ambient condition	Standard											0	
	ATEX Zone 1-2: Intrinsic safety											2	
Example		3SU1	4	0	0	-	1	A	A	1	0	-	1
													B
													A
													0

Holders

Product versions		Article number											
SIRIUS ACT pushbuttons and indicator lights		3SU1	☐	☐	☐	-	☐	☐	☐	☐	☐	☐	☐
Device type	Holders	5											
Material (front ring)	Plastic, black	0											
	Metal, shiny	1											
	Universal for plastic and metal	5											
Illumination	Non-illuminated	0											
	Illuminated	1											
Mounting type	None						0						
	Front plate mounting						1						
Holder type	3x						A						
	4x						B						
Function/voltage	None						A						
	6 ... 24 V AC/DC						G						
Color	e.g. 10 = Black, 20 = Red							☐	☐				
Connection type	None									1			
	Screw terminals									2			
Module equipment including contact material and slot	e.g.									☐			
	A = None												
	B = 1 NO contact, silver												
	C = 1 NC contact, silver												
Marking	None											A	
Ambient condition	Standard											0	
	ATEX Zone 1-2: Intrinsic safety											2	
Example		3SU1	5	0	0	-	0	A	A	1	0	-	0
													A
													A
													0

Note:

The article number schemes show an overview of product versions for better understanding of the logic behind the article numbers.

For your orders, please use the article numbers quoted in the selection and ordering data.

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

General data

Enclosures

Product versions		Article number														
SIRIUS ACT pushbuttons and indicator lights		3SU1	□	□	□	–	□	□	□	□	–	□	□	□	□	
Device type	Enclosures	8														
Material (enclosure/front ring)	Plastic, black plastic	0														
	Metal, shiny metal	5														
Number of command points	Command point	1														
	... Command points	6														
Type of enclosure	Surface mounting	0														
	4-position selector switch and coordinate switch	1														
	Palm pushbutton	2														
	Two-hand operation console	3														
Equipment	e.g. command point, inscription, module						□	□								
Communication capability	None									0						
	AS-i									1						
Ambient condition	Standard									0						
	ATEX Zone 1-2: Intrinsic safety									2						
Mounting/connection of modules	None											0				
	Front plate mounting, screw terminals											1				
	Base mounting, screw terminals											2				
	Front mounting, spring-loaded terminals											3				
	Base mounting, spring-loaded terminals											4				
Cable exit from enclosure	None												A			
	Direct entry of AS-i flat cable at top/on right												G			
	AS-i insulation piercing method at top/on right												H			
Design of enclosure top	Center command point												A			
	With recess for labeling plate												B			
	With protective collar												C			
	4 additional holes (two-hand operation console)												D			
	8 additional premachined breaking points (two-hand operation console)												E			
Color of enclosure top	Gray													1		
	Yellow													2		
Example		3SU1	8	0	1	–	0	A	A	0	0	–	0	A	A	2

Accessories

Product versions		Article number														
SIRIUS ACT pushbuttons and indicator lights		3SU1	☐	☐	☐	-	☐	☐	☐	☐	-	☐	☐	☐		
Device type	Accessories	9	☐	☐	☐		☐	☐	☐	☐		☐	☐	☐		
Material	Plastic, black	0	☐	☐	☐		☐	☐	☐	☐		☐	☐	☐		
	Metal, shiny	5	☐	☐	☐		☐	☐	☐	☐		☐	☐	☐		
	Metal, matte	6	☐	☐	☐		☐	☐	☐	☐		☐	☐	☐		
Illumination	Non-illuminated	0	☐	☐	☐		☐	☐	☐	☐		☐	☐	☐		
	Illuminated	1	☐	☐	☐		☐	☐	☐	☐		☐	☐	☐		
Type of accessory (labels, protection, actuator, enclosure)	e.g. OAB = Insert label		☐	☐	☐		☐	☐	☐	☐		☐	☐	☐		
Color	e.g. 10 = Black, 20 = Red		☐	☐	☐		☐	☐	☐	☐		☐	☐	☐		
Marking	e.g. OAA = None OAB = ON OAT = EMERGENCY STOP		☐	☐	☐		☐	☐	☐	☐		☐	☐	☐		
Ambient condition	Standard		☐	☐	☐		☐	☐	☐	☐		☐	☐	☐	0	
	ATEX Zone 1-2: Intrinsic safety		☐	☐	☐		☐	☐	☐	☐		☐	☐	☐	2	
Example		3SU1	9	0	0	-	0	A	B	2	0	-	0	A	B	0

Note:

The article number schemes show an overview of product versions for better understanding of the logic behind the article numbers.

For your orders, please use the article numbers quoted in the selection and ordering data.

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

General data

Ordering notes for multi-unit packaging

Multi-unit packaging with order code X90

SIRIUS ACT pushbuttons and indicator lights can also be ordered in practical, environment-friendly multi-unit packaging.



Examples of multi-unit packaging with order code X90

SIRIUS ACT pushbuttons and indicator lights	Multi-unit or quantity per pack X90
Complete units (3SU11)	20
Compact units (3SU12)	
• Acoustic signaling devices, pushbuttons with extended stroke, potentiometers	50
Actuating and signaling elements (3SU10)	
• Pushbuttons, illuminated pushbuttons, indicator lights	
- 3SU100, 3SU105	100
- 3SU106	50
• Stop buttons, twin pushbuttons, mushroom pushbuttons 30/40 mm, EMERGENCY-STOP mushroom pushbuttons 30/40 mm, toggle switches, selector switches, key-operated switches, ID key-operated switches, coordinate switches	50
• Mushroom pushbuttons 60 mm, EMERGENCY-STOP mushroom pushbuttons 60 mm	40
Holders without module (3SU15)	100
Modules for actuators and indicators (3SU14)	
• Contact modules	150
• LED modules	50
Enclosures (3SU18)	
• Empty plastic enclosures	
- 3SU1801-0AA00-0AA2, 3SU1801-0AA00-0AB1	24
- 3SU1801-0AA00-0AC2	18
Accessories (3SU19)	
• Label holders, EMERGENCY-STOP backing plates, labeling plates for potentiometers, EMERGENCY-STOP labeling plates for enclosures without recesses and without inscription, single frames, dust caps for key-operated switches, adapters for DIN-rail mounting, protective collars for EMERGENCY-STOP mushroom pushbuttons (40 mm, for 5 padlocks, yellow)	100
• Labeling plates	150
• Sealing plugs	
- 3SU190, 3SU195	100
- 3SU196	50

When ordering products in multi-unit packaging, the article number of the product concerned must be supplemented with **"-Z"** and, in addition, the order code **X90** must be specified.

Ordering example:

3SU1000-0AB20-0AA0-Z X90;

Order quantity 100 items →

Packed number of items 100

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

General data

Application

Environmental conditions

The pushbuttons and indicator lights are climate-proof (KTW 24) and suitable for standard industrial applications and operation in marine applications.

Simple electrical equipment

Non-illuminated actuators, contact modules, enclosures and special accessories can be classified as simple electrical equipment according to IEC 60079-11. This means that they may be used in intrinsically safe circuits and in potentially explosive atmospheres. An overview of the devices and atmospheres can be found in Confirmation No. 3287.01.

Safety EMERGENCY-STOP pushbuttons according to ISO 13850

For controls according to IEC 60204-1, the SIRIUS ACT mushroom pushbuttons are suitable for use as a safety EMERGENCY STOP.

Safety circuits

Standard IEC 60947-5-1 requires positive opening of the NC contacts. This means that for the purpose of personal safety, the reliable opening of NC contacts in all safety circuits is expressly prescribed for the electrical equipment of machines and is designated according to IEC 60947-5-1 with the symbol .

PL e according to ISO 13849-1 can be attained with the EMERGENCY-STOP mushroom pushbuttons if the corresponding fail-safe evaluation units are selected and correctly installed, e.g. the 3SK safety relays ([see page 11/1 onwards](#)) or matching units from the ASIsafe, SIMATIC or SINUMERIK product ranges.

Technical specifications

More information					
SiePortal, see www.siemens.com/product?3SU1 Configurator, see www.siemens.com/sirius-act/configurator .			Conversion tool, see www.siemens.com/conversion-tool System Manual, see https://support.industry.siemens.com/cs/ww/en/view/107542462		
Article number	3SU10.0-0AA 3SU10.0-0JA	3SU10.0-0AB 3SU10.0-0BB 3SU10.0-0CB 3SU10.0-0DB 3SU10.0-0JB	3SU10.1-0AA 3SU10.1-0JA	3SU10.1-0AB 3SU10.1-0BB 3SU10.1-0JB	3SU1000-3F
Product designation	Pushbuttons		Illuminated pushbuttons		Quadruple pushbuttons
Operating principle of the actuating element	Latching	Momentary contact	Latching	Momentary contact	
Optional expansion of product by light source	No		Yes		No
Mechanical endurance (operating cycles), typical	500 000	10 000 000	500 000	3 000 000	200 000
Frequency of operation, maximum	1/h	1 800	3 600	1 800	3 600
Shock resistance according to IEC 60068-2-27	Half-sine wave 15 g/11 ms				
Vibration resistance according to IEC 60068-2-6	10 ... 500 Hz: 5 g				
Degree of protection IP	IP66, IP67, IP69 (IP69K)				IP65, IP66
Environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with a relative air humidity of 10 ... 95%)				
Ambient temperature					
• During operation	°C	-25 ... +70			
• During storage	°C	-40 ... +80			

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

General data

Article number	3SU1.00-AA 3SU1.00-BA 3SU1.00-CA 3SU1.50-AA 3SU1.50-BA 3SU1.50-CA		3SU1.50-EA	3SU1.01-AA 3SU1.01-BA 3SU1.51-AA 3SU1.51-BA 3SU1.51-CA	3SU1.00-AD 3SU1.00-BD 3SU1.00-CD 3SU1.50-AD 3SU1.50-BD 3SU1.50-CD	3SU1050-1ED	3SU1001-1AD 3SU1001-1BD
Product designation	Mushroom pushbuttons						
Operating principle of the actuating element	Latching				Momentary contact		
Optional expansion of product by light source	No			Yes	No		Yes
Mechanical endurance (operating cycles), typical	500 000	300 000	500 000	10 000 000	300 000	3 000 000	
Frequency of operation, maximum	1/h	1 800	3 600		1 800	3 600	
Shock resistance according to IEC 60068-2-27	Half-sine wave 15 g/11 ms						
Vibration resistance according to IEC 60068-2-6	10 ... 500 Hz: 5 g						
Degree of protection IP	IP66, IP67, IP69 (IP69K)						
Environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with a relative air humidity of 10 ... 95%)						
Ambient temperature							
• During operation	°C	-25 ... +70					
• During storage	°C	-40 ... +80					

Article number	3SU1...-G 3SU1...-H 3SU1...-J						
Product designation	EMERGENCY-STOP mushroom pushbuttons						
Mechanical endurance (operating cycles), typical	300 000						
Frequency of operation, maximum	1/h	600					
Shock resistance according to IEC 60068-2-27	Half-sine wave 15 g/11 ms						
Vibration resistance according to IEC 60068-2-6	10 ... 500 Hz: 5 g						
Degree of protection IP	IP66, IP67, IP69 (IP69K)						
Environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with a relative air humidity of 10 ... 95%)						
Ambient temperature							
• During operation	°C	-25 ... +70					
• During storage	°C	-40 ... +80					

Article number	3SU1103-2BF 3SU1152-2BF		3SU1100-2B 3SU1150-2B 3SU1150-2C	3SU1000-2A 3SU1002-2A 3SU1002-2B 3SU1002-2C 3SU1002-2F 3SU1002-2H 3SU1052-2B 3SU1052-2C 3SU1052-2F	3SU1050-2A 3SU1062-2D 3SU1062-2E	3SU1000-3E 3SU1050-3E
Product designation	Selector switches					Toggle switches
Mechanical endurance (operating cycles), typical	1 000 000				300 000	1 000 000
Frequency of operation, maximum	1/h	1 800				
Shock resistance according to IEC 60068-2-27	Half-sine wave 15 g/11 ms					
Vibration resistance according to IEC 60068-2-6	10 ... 500 Hz: 5 g					
Degree of protection IP	IP66, IP67, IP69 (IP69K)					
Environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 3K6 (with a relative air humidity of 10 ... 95%, no condensation permitted in operation for any devices behind the front panel)	3M6, 3S2, 3B2, 3C3, 3K6 (with a relative air humidity of 10 ... 95%, no condensation permitted in operation for any devices behind the front panel)			3M6, 3S2, 3B2, 3C3, 3K6 (with a relative air humidity of 10 ... 95%)	
Ambient temperature						
• During operation	°C	-25 ... +70				
• During storage	°C	-40 ... +80				

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

General data

Article number	3SU1000-4B 3SU1000-4C 3SU1000-4D 3SU1000-4F 3SU1000-4G 3SU1000-4H 3SU1000-4J 3SU1000-5B 3SU1000-5H 3SU1000-5P 3SU1000-5Q 3SU1000-5R 3SU1000-5S 3SU1000-5T 3SU1050-4B 3SU1050-4C 3SU1050-4D 3SU1050-4F 3SU1050-4G 3SU1050-4H 3SU1050-4J 3SU1050-5B 3SU1050-5H 3SU1050-5K 3SU1050-5L 3SU1050-5P 3SU1050-5Q 3SU1050-5R 3SU1050-5S 3SU1050-5T 3SU1060-4L 3SU1100-4B 3SU1100-5B 3SU1100-5N 3SU1150-4B 3SU1000-5J 3SU1050-5J					
Product designation	Key-operated switches					
Mechanical endurance (operating cycles), typical	1 000 000	300 000	1 000 000	300 000	1 000 000	300 000
Frequency of operation, maximum	1/h	1 800				
Shock resistance according to IEC 60068-2-27	Half-sine wave 15 g/11 ms					
Vibration resistance according to IEC 60068-2-6	10 ... 500 Hz: 5 g					
Degree of protection IP	IP66, IP67, IP69 (IP69K)				IP54	
Environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with a relative air humidity of 10 ... 95%)		3M6, 3S2, 3B2, 3C3, 3K6 (with a relative air humidity of 10 ... 95%, no condensation permitted in operation for any devices behind the front panel)		3M6, 3S2, 3B2, 3C3, 3K6 (with a relative air humidity of 10 ... 95%)	
Ambient temperature						
• During operation	°C	-25 ... +70				
• During storage	°C	-40 ... +80				

Article number	3SU10.0-7.C 3SU10.0-7.D 3SU10.0-7.F 3SU10.0-7.A 3SU10.0-7.B 3SU10.0-7.E 3SU11.0-7.C 3SU11.0-7.D 3SU11.0-7.F 3SU11.0-7.A 3SU11.0-7.B 3SU11.0-7.E				
Product designation	Coordinate switches				
Operating principle of the actuating element	V	Momentary contact	Latching	Momentary contact	Latching
Frequency of operation, maximum	1/h	2 400			
Vibration resistance according to IEC 60068-2-6	Half-sine wave 15 g/11 ms				
Shock resistance according to IEC 60068-2-27	10 ... 500 Hz: 5 g				
Degree of protection IP	IP65, IP67				
Environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with a relative air humidity of 10 ... 95%)		3M6, 3S2, 3B2, 3C3, 3K6 (with a relative air humidity of 10 ... 95%, no condensation permitted in operation for any devices behind the front panel)		
Ambient temperature					
• During operation	°C	-25 ... +70			
• During storage	°C	-40 ... +80			

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

General data

Article number	3SU1400-.....1B 3SU1400-.....1C 3SU1400-.....1L 3SU1400-.....1M				3SU1400-.....1D 3SU1400-.....1E 3SU1400-.....1F 3SU1400-.....1G 3SU1400-.....1H 3SU1400-.....1N 3SU1400-.....1P 3SU1400-.....1Q 3SU1400-.....1R	3SU1400-.....3	3SU1400-.....5
Product designation	Contact modules						
Insulation voltage	V	500					250
Pollution degree		3					
Impulse withstand voltage	kV	6					4
Operational voltage type		AC/DC					
Operational voltage							
• At AC at 50 Hz	V	5 ... 500					5 ... 240
• At DC	V	5 ... 500					5 ... 250
Thermal current	A	10					
Operational current		See respective product data sheet					
Contact reliability		One contact failure per 100 million switching operations (17 V, 5 mA), one contact failure per 10 million switching operations (5 V, 1 mA)					
Mechanical endurance (operating cycles), typical		10 000 000					
Frequency of operation, maximum	1/s	3 600					
Fuse link version required for short-circuit protection of the auxiliary switch with type of coordination 1		gG/Dz 10 A, quick-response/Dz 10 A					
Uninterrupted current of miniature circuit breaker C characteristic	A	10					
Vibration resistance according to IEC 60068-2-6		10 ... 500 Hz: 5 g					
Shock resistance according to IEC 60068-2-27		Half-sine wave 15 g/11 ms					
Environmental category during operation according to IEC 60721		3M6, 3S2, 3B2, 3C3 (without salt fog), 3K6 (with a relative air humidity of 10 ... 95%, no condensation permitted in operation)					
Ambient temperature							
• During operation	°C	-25 ... +70					
• During storage	°C	-40 ... +80					
Degree of protection IP							
• Of the enclosure		IP40					
• Of the terminal		IP20	IP20, terminal screw tightened	IP20		IP00	
Type of electrical connection		 Screw terminals	 Spring-loaded terminals	 Socket terminals (THT)			
Type of connectable conductor cross-sections							
• Solid							
- Without end sleeve		2 x (1.0 ... 1.5 mm ²)		2 x (0.25 ... 1.5 mm ²)		--	
- With end sleeve		2 x (0.5 ... 0.75 mm ²)		--		--	
• Finely stranded							
- Without end sleeve		2 x (1.0 ... 1.5 mm ²)		2 x (0.25 ... 1.5 mm ²)		--	
- With end sleeve		2 x (0.5 ... 1.5 mm ²)		2 x (0.25 ... 0.75 mm ²)		--	
• For AWG cables		2 x (18 ... 14)		2 x (24 ... 16)		--	
Tightening torque for screw terminals	Nm	0.8 ... 0.9		--			

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

General data

Article number	3SU1401-.BB.0-1 3SU1401-2BB.0-3 3SU1401-1BH.0-3 3SU1401-1BB.0-3 3SU1401-.BA.0-5 3SU1401-.BC.0-1 3SU1401-.BC.0-3 3SU1401-.BF.0-1 3SU1401-.BF.0-3 3SU1401-.BG.0-1 3SU1401-.BG.0-3 3SU1401-.BH.0-1 3SU1401-2BH.0-3				
Product designation	LED modules				
Light source integrated in product	Yes				
Type of light source	LED				
Insulation voltage	V	320		30	
Pollution degree		3			
Impulse withstand voltage	kV	4		0.8	
Relative positive tolerance of the operational voltage	%	20		25	20
Relative negative tolerance of the operational voltage	%	20	30		20
Operating time, typical	h	100 000			
Vibration resistance according to IEC 60068-2-6		10 ... 500 Hz: 5 g			
Shock resistance according to IEC 60068-2-27		Half-sine wave 15 g/11 ms			
Environmental category during operation according to IEC 60721		3M6, 3S2, 3B2, 3C3, 3K6 (with a relative air humidity of 10 ... 95%, no condensation permitted in operation)			3M6, 3S2, 3B2, 3K6 (with a relative air humidity of 10 ... 95%, no condensation permitted in operation)
Ambient temperature					
• During operation	°C	-25 ... +70			
• During storage	°C	-40 ... +80			
Degree of protection IP of the terminal		IP20			
Type of electrical connection		 Screw terminals	 Spring-loaded terminals	 Socket terminals (THT)	

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

General data

Article number		3SU1400-1GC10-1AA0		3SU1400-1GD10-1AA0	
Product designation		Electronic modules for ID key-operated switches			
Communication/protocol					
Protocol is supported by IO-Link protocol		No		Yes	
Product function		Group ID 24 V DC		IO-Link 24 V DC	
IO-Link transfer rate		--		COM2 (38.4 kBaud)	
Point-to-point cycle time between the master and the IO-Link device, minimum		ms	--	10	
Type of power supply via IO-Link master		--		Yes	
Data volume					
• Of the address range of the inputs	bytes	--	2		
• Of the address range of the outputs	bytes	--	0		
Number of NO contacts for auxiliary contacts		5			
General data					
Impulse withstand voltage		kV	0.8		
Insulation voltage		V	30		
Pollution degree		3			
Voltage type					
• Of operational voltage		DC			
• Of input voltage		DC			
Operational voltage					
• Rated value	V	18 ... 30			
• At DC, rated value	V	24			
Current consumed, maximum		mA	49		
Environmental category during operation according to IEC 60721		3M6, 3S2, 3B2, 3K6 (with a relative air humidity of 10 ... 95%, no condensation permitted in operation)			
Ambient temperature					
• During operation	°C	-25 ... +70			
• During storage	°C	-40 ... +80			
Degree of protection IP		IP20, terminal screw tightened			
Touch protection against electric shock		Finger-safe			
Connections					
Type of electrical connection		 Screw terminals			
Type of connectable conductor cross-sections					
• Solid					
- Without end sleeve		1 x (0.2 ... 2.5 mm²)			
• Finely stranded					
- With end sleeve		1 x (0.25 ... 1.5 mm²), 2 x (0.5 ... 0.75 mm²)			
- Without end sleeve		1 x (0.2 ... 2.5 mm²), 2 x (0.2 ... 0.75 mm²)			
• For AWG cables		1 x (26 ... 14)			
Tightening torque for screw terminals		Nm	0.4 ... 0.4		

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

General data

Article number	3SU1400-1LK10-1AA1	3SU1400-1LK10-3AA1	3SU1400-1LK10-1BA1	3SU1400-1LK10-3BA1	3SU1400-1LL10-1BA1	3SU1400-1LL10-3BA1
Product designation	Interface modules for PROFINET				Fail-safe interface modules for PROFINET	
Operational voltage type	DC					
Supply voltage at DC rated value	V	24				
Current consumed, maximum	mA	100			150	100
Product function at interface 1 PROFINET IO device	Yes					
Type of interface Fast Ethernet interface	Yes					
Interface 1 type RJ45 (Ethernet)	Yes					
Number of ports at interface 1	1					
Number of modules per rack, maximum	20					
Number of digital outputs	0				1	
Number of digital inputs	0		4			
• Safety-related	0					
Software version required for STEP 7 in the TIA Portal	Integrated in the TIA Portal with version 14 SP1 or higher (HSP for V13 and V14)			TIA Portal V13	Integrated in the TIA Portal with version 14 SP1 or higher (HSP for V13 and V14)	
Safety Integrity Level (SIL) according to IEC 62061	--				3	
Performance Level (PL) according to ISO 13849-1	--				e	
Environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 3K6 (with a relative air humidity of 10 ... 95%, no condensation permitted in operation)					
Ambient temperature						
• During operation	°C	-25 ... 60				
• During storage	°C	-40 ... 80				
Degree of protection IP	IP20, terminal screw tightened	IP20	IP20, terminal screw tightened	IP20	IP20, terminal screw tightened	IP20
Connectable conductor cross-section						
• Solid	0.2 ... 2.5 mm²					
- With end sleeve	0.2 ... 2.5 mm²					
• Finely stranded						
- With end sleeve	0.25 ... 2.5 mm²					
- Without end sleeve	0.2 ... 2.5 mm²					

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Supply voltage for light source		Color	Number of contact modules	NO contacts	NC contacts	Screw terminals 	PU (UNIT, SET, M)	PS*	PG
at AC	at DC								
V	V					Article No.	Price per PU		

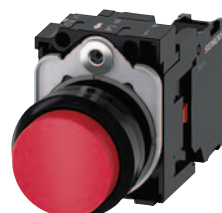
Pushbuttons



3SU1100-0AB40-1BA0

Pushbuttons with flat button, momentary contact

--	--	Black	1	1 0 1	0 1 1	3SU1100-0AB10-1BA0 3SU1100-0AB10-1CA0 3SU1100-0AB10-1FA0	1 1 1	1 unit 1 unit 1 unit	41J 41J 41J
		Red	1	1 0 1	0 1 1	3SU1100-0AB20-1BA0 3SU1100-0AB20-1CA0 3SU1100-0AB20-1FA0	1 1 1	1 unit 1 unit 1 unit	41J 41J 41J
		Yellow	1	1 1	0 1	3SU1100-0AB30-1BA0 3SU1100-0AB30-1FA0	1 1	1 unit 1 unit	41J 41J
		Green	1	1 1	0 1	3SU1100-0AB40-1BA0 3SU1100-0AB40-1FA0	1 1	1 unit 1 unit	41J 41J
		Blue	1	1 1	0 1	3SU1100-0AB50-1BA0 3SU1100-0AB50-1FA0	1 1	1 unit 1 unit	41J 41J
		White	1	1 1	0 1	3SU1100-0AB60-1BA0 3SU1100-0AB60-1FA0	1 1	1 unit 1 unit	41J 41J
		Clear	1	1 1	0 1	3SU1100-0AB70-1BA0 3SU1100-0AB70-1FA0	1 1	1 unit 1 unit	41J 41J
		Gray	1	1	1	3SU1100-0AB80-1FA0	1	1 unit	41J



3SU1100-0BB20-1CA0

Pushbuttons with raised button, momentary contact

--	--	Black	1	0 1	1 1	3SU1100-0BB10-1CA0 3SU1100-0BB10-1FA0	1 1	1 unit 1 unit	41J 41J
		Red	1	0 1	1 1	3SU1100-0BB20-1CA0 3SU1100-0BB20-1FA0	1 1	1 unit 1 unit	41J 41J
		Blue	1	1	0	3SU1100-0BB50-1BA0	1	1 unit	41J



3SU1102-0AB40-1BA0

Illuminated pushbuttons with flat button, momentary contact with integrated LED

24	24	Red	1	1 0 1	0 1 1	3SU1102-0AB20-1BA0 3SU1102-0AB20-1CA0 3SU1102-0AB20-1FA0	1 1 1	1 unit 1 unit 1 unit	41J 41J 41J
		Yellow	1	1 1	0 1	3SU1102-0AB30-1BA0 3SU1102-0AB30-1FA0	1 1	1 unit 1 unit	41J 41J
		Green	1	1 1	0 1	3SU1102-0AB40-1BA0 3SU1102-0AB40-1FA0	1 1	1 unit 1 unit	41J 41J
		Blue	1	1 1	0 1	3SU1102-0AB50-1BA0 3SU1102-0AB50-1FA0	1 1	1 unit 1 unit	41J 41J
		White	1	1 1	0 1	3SU1102-0AB60-1BA0 3SU1102-0AB60-1FA0	1 1	1 unit 1 unit	41J 41J
		Clear	1	1 1	0 1	3SU1102-0AB70-1BA0 3SU1102-0AB70-1FA0	1 1	1 unit 1 unit	41J 41J
110	--	Red	1	0 1	1 1	3SU1103-0AB20-1CA0 3SU1103-0AB20-1FA0	1 1	1 unit 1 unit	41J 41J
		Yellow	1	1 1	0 1	3SU1103-0AB30-1BA0 3SU1103-0AB30-1FA0	1 1	1 unit 1 unit	41J 41J
		Green	1	1 1	0 1	3SU1103-0AB40-1BA0 3SU1103-0AB40-1FA0	1 1	1 unit 1 unit	41J 41J
		Blue	1	1 1	0 1	3SU1103-0AB50-1BA0 3SU1103-0AB50-1FA0	1 1	1 unit 1 unit	41J 41J
		White	1	1 1	0 1	3SU1103-0AB60-1BA0 3SU1103-0AB60-1FA0	1 1	1 unit 1 unit	41J 41J
		Clear	1	1 1	0 1	3SU1103-0AB70-1BA0 3SU1103-0AB70-1FA0	1 1	1 unit 1 unit	41J 41J



3SU1103-0AB20-1CA0

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Actuators and indicators, 22 mm, round, plastic, black



Complete units > Pushbuttons

Multi-unit packaging,
see page 13/17.

Supply voltage for light source		Color	Number of			Screw terminals		PU (UNIT, SET, M)	PS*	PG
at AC	at DC		contact modules	NO contacts	NC contacts					
V	V					Article No.	Price per PU			

Pushbuttons



3SU1106-0AB40-1BA0

Illuminated pushbuttons with flat button, momentary contact with integrated LED

230	--	Red	1	0	1	3SU1106-0AB20-1CA0 3SU1106-0AB20-1FA0		1	1 unit	41J
		Yellow	1	1	0	3SU1106-0AB30-1BA0 3SU1106-0AB30-1FA0		1	1 unit	41J
		Green	1	1	0	3SU1106-0AB40-1BA0 3SU1106-0AB40-1FA0		1	1 unit	41J
		Blue	1	1	0	3SU1106-0AB50-1BA0 3SU1106-0AB50-1FA0		1	1 unit	41J
		White	1	1	0	3SU1106-0AB60-1BA0 3SU1106-0AB60-1FA0		1	1 unit	41J
		Clear	1	1	0	3SU1106-0AB70-1BA0 3SU1106-0AB70-1FA0		1	1 unit	41J

Spring-loaded terminals



3SU1100-0AB30-3BA0

Pushbuttons with flat button, momentary contact

--	--	Black	1	1	0	3SU1100-0AB10-3BA0 3SU1100-0AB10-3CA0 3SU1100-0AB10-3FA0		1	1 unit	41J
		Red	1	0	1	3SU1100-0AB20-3CA0 3SU1100-0AB20-3FA0		1	1 unit	41J
		Yellow	1	1	0	3SU1100-0AB30-3BA0 3SU1100-0AB30-3FA0		1	1 unit	41J
		Green	1	1	0	3SU1100-0AB40-3BA0 3SU1100-0AB40-3FA0		1	1 unit	41J
		Blue	1	1	0	3SU1100-0AB50-3BA0 3SU1100-0AB50-3FA0		1	1 unit	41J
		White	1	1	0	3SU1100-0AB60-3BA0 3SU1100-0AB60-3FA0		1	1 unit	41J



3SU1102-0AB20-3CA0

Illuminated pushbuttons with flat button, momentary contact with integrated LED

24	24	Red	1	0	1	3SU1102-0AB20-3CA0 3SU1102-0AB20-3FA0		1	1 unit	41J
		Yellow	1	1	0	3SU1102-0AB30-3BA0 3SU1102-0AB30-3FA0		1	1 unit	41J
		Green	1	1	0	3SU1102-0AB40-3BA0 3SU1102-0AB40-3FA0		1	1 unit	41J
		Blue	1	1	0	3SU1102-0AB50-3BA0 3SU1102-0AB50-3FA0		1	1 unit	41J
		White	1	1	0	3SU1102-0AB60-3BA0 3SU1102-0AB60-3FA0		1	1 unit	41J
		Clear	1	1	0	3SU1102-0AB70-3BA0 3SU1102-0AB70-3FA0		1	1 unit	41J
110	--	Red	1	0	1	3SU1103-0AB20-3CA0 3SU1103-0AB20-3FA0		1	1 unit	41J
		Yellow	1	1	1	3SU1103-0AB30-3FA0		1	1 unit	41J
		Green	1	1	0	3SU1103-0AB40-3BA0 3SU1103-0AB40-3FA0		1	1 unit	41J
		Blue	1	1	1	3SU1103-0AB50-3FA0		1	1 unit	41J
		White	1	1	0	3SU1103-0AB60-3BA0 3SU1103-0AB60-3FA0		1	1 unit	41J
		Clear	1	1	0	3SU1103-0AB70-3BA0 3SU1103-0AB70-3FA0		1	1 unit	41J
230	--	Red	1	0	1	3SU1106-0AB20-3CA0 3SU1106-0AB20-3FA0		1	1 unit	41J
		Yellow	1	1	1	3SU1106-0AB30-3FA0		1	1 unit	41J
		Green	1	1	0	3SU1106-0AB40-3BA0 3SU1106-0AB40-3FA0		1	1 unit	41J
		Blue	1	1	1	3SU1106-0AB50-3FA0		1	1 unit	41J
		White	1	1	0	3SU1106-0AB60-3BA0 3SU1106-0AB60-3FA0		1	1 unit	41J
		Clear	1	1	0	3SU1106-0AB70-3BA0 3SU1106-0AB70-3FA0		1	1 unit	41J



Commanding and signaling devices
SIRIUS ACT pushbuttons and indicator lights
Actuators and indicators, 22 mm, round, plastic, black

Complete units > Mushroom pushbuttons

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Unlatching method	Number of contact modules	NO contacts	NC contacts	Screw terminals	PU (UNIT, SET, M)	PS*	PG
				Article No.	Price per PU		

Mushroom pushbuttons



3SU1100-1BA20-3CA0

With red mushroom, 40 mm diameter, latching

Pull to unlatch	1	0	1	3SU1100-1BA20-1CA0	1	1 unit	41J
		1	1	3SU1100-1BA20-1FA0	1	1 unit	41J
				Spring-loaded terminals			
Pull to unlatch	1	0	1	3SU1100-1BA20-3CA0	1	1 unit	41J
		1	1	3SU1100-1BA20-3FA0	1	1 unit	41J

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Actuators and indicators, 22 mm, round, plastic, black



Complete units > EMERGENCY-STOP mushroom pushbuttons

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Unlatching method	Number of contact modules	NO con- tacts	NC con- tacts	Marking	Screw terminals	PU (UNIT, SET, M)	PS*	PG
					Article No.	Price per PU		

EMERGENCY-STOP mushroom pushbuttons, without yellow backing plate, according to ISO 13850 and IEC 60947-5

With red mushroom, 30 mm diameter, with positive latching								
Rotate to unlatch	2	0	2	--	➡	3SU1100-1GB20-1PA0	1	1 unit 41J



3SU1100-1GB20-1PA0

With red mushroom, 40 mm diameter, with positive latching								
Rotate to unlatch	2	0	2	--	➡	3SU1100-1HB20-1PA0	1	1 unit 41J



3SU1100-1HB20-1PA0

EMERGENCY-STOP mushroom pushbuttons, with self-adhesive yellow backing plate (75 mm diameter), according to ISO 13850 and IEC 60947-5-5



3SU1100-1HA20-1CH0



3SU1100-1HB20-1CH0

With red mushroom, 40 mm diameter, with positive latching

Pull to unlatch	1	0	1	NOT-HALT	➡	3SU1100-1HA20-1CH0	1	1 unit	41J
		1	1	NOT-HALT	➡	3SU1100-1HA20-1FH0	1	1 unit	41J
				EMERGENCY STOP	➡	3SU1100-1HA20-1FG0	1	1 unit	41J
Rotate to unlatch	1	0	1	--	➡	3SU1100-1HB20-1CF0	1	1 unit	41J
				NOT-HALT	➡	3SU1100-1HB20-1CH0	1	1 unit	41J
				EMERGENCY STOP	➡	3SU1100-1HB20-1CG0	1	1 unit	41J
				ARRET D'URGENCE	➡	3SU1100-1HB20-1CJ0	1	1 unit	41J
	0	2		EMERGENCY STOP	➡	3SU1100-1HB20-1PG0	1	1 unit	41J
				NOT-HALT	➡	3SU1100-1HB20-1FH0	1	1 unit	41J
				EMERGENCY STOP	➡	3SU1100-1HB20-1FG0	1	1 unit	41J
				ARRET D'URGENCE	➡	3SU1100-1HB20-1FJ0	1	1 unit	41J
Spring-loaded terminals									
Rotate to unlatch	1	0	1	NOT-HALT	➡	3SU1100-1HB20-3CH0	1	1 unit	41J
		1	1	NOT-HALT	➡	3SU1100-1HB20-3FH0	1	1 unit	41J

➡ Positive opening according to IEC 60947-5-1, Annex K.
Can be used with 3SK safety relays, see page 11/1 onwards.
Certificate:



Selection and ordering data

Multi-unit packaging,
see page 13/17.

Operating principle	Color Supply voltage for light source	Number of contact modules	NO con- tacts	NC con- tacts	Screw terminals 	PU (UNIT, SET, M)	PS*	PG
					Article No.	Price per PU		

Selector switches



3SU1100-2BF60-1BA0



3SU1100-2BL60-1NA0

Short black actuators, 2 switch positions, can be illuminated

Latching, 90° (10:30/1:30 o'clock)	White	1	1	0	3SU1100-2BF60-1BA0	1	1 unit	41J
		2	1	1	3SU1100-2BF60-1MA0	1	1 unit	41J
	White 110 V	1	1	0	3SU1103-2BF60-1BA0	1	1 unit	41J

Short black actuators, 3 switch positions, can be illuminated

Momentary contact, 2x45° (10:30/12/ 1:30 o'clock), reset from left + right	White	2	2	2	3SU1100-2BM60-1LA0	1	1 unit	41J
			2	0	3SU1100-2BM60-1NA0	1	1 unit	41J

Latching, 2x45° (10:30/12/ 1:30 o'clock)	White	2	2	2	3SU1100-2BL60-1LA0	1	1 unit	41J
			2	0	3SU1100-2BL60-1NA0	1	1 unit	41J

Spring-loaded terminals **Short black actuators, 2 switch positions, can be illuminated**

Latching, 90° (10:30/1:30 o'clock)	White	1	1	0	3SU1100-2BF60-3BA0	1	1 unit	41J
		2	1	1	3SU1100-2BF60-3MA0	1	1 unit	41J

Short black actuators, 3 switch positions, can be illuminated

Momentary contact, 2x45° (10:30/12/ 1:30 o'clock), reset from left + right	White	2	2	2	3SU1100-2BM60-3LA0	1	1 unit	41J
			2	0	3SU1100-2BM60-3NA0	1	1 unit	41J

Latching, 2x45° (10:30/12/ 1:30 o'clock)	White	2	2	2	3SU1100-2BL60-3LA0	1	1 unit	41J
			2	0	3SU1100-2BL60-3NA0	1	1 unit	41J

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Actuators and indicators, 22 mm, round, plastic, black



Complete units > Key-operated switches

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Operating principle	Switch position for key removal	Number of contact modules		NO contacts	NC contacts	Number of keys	Screw terminals 	PU (UNIT, SET, M)	PS*	PG
							Article No.	Price per PU		

Key-operated switches

	With RONIS lock, SB30, 2 switch positions									
3SU1100-4BF11-1BA0	Latching, 90° (10:30/1:30 o'clock)	O+I	1	1	0	2	3SU1100-4BF11-1BA0 3SU1100-4BF11-1FA0	1	1 unit	41J
				1	1	2		1	1 unit	41J
	With RONIS lock, SB30, 3 switch positions									
3SU1100-4BL11-1NA0	Latching, 2x45° (10:30/12/1:30 o'clock)	I+O+II	2	2	0	2	3SU1100-4BL11-1NA0	1	1 unit	41J
										
Spring-loaded terminals 										
	With RONIS lock, SB30, 2 switch positions									
3SU1100-4BL11-1NA0	Latching, 90° (10:30/1:30 o'clock)	O+I	1	1	0	2	3SU1100-4BF11-3BA0 3SU1100-4BF11-3FA0 3SU1100-4BF21-3TA0	1	1 unit	41J
				1	1	2		1	1 unit	41J
			2	0	2 with installation supervision			1	1 unit	41J
With Siemens lock, C, S-10-CG¹⁾²⁾, 2 switch positions										
	Latching, 90° (10:30/1:30 o'clock)	O+I	1	1	1	2	3SU1100-5BF11-3FA0	1	1 unit	41J
										

¹⁾ Siemens, C lock (compatible with CES locks).

²⁾ S-10-CG (compatible with SSG10 lock).

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Number of NO contacts (1 per direction)	Operating principle	Direction of actuation	Screw terminals		PU (UNIT, SET, M)	PS*	PG
			Article No.	Price per PU			

Coordinate switches

Without mechanical interlock, 2 switch positions

3SU1100-7AC10-1NA0

2	Momentary contact	Horizontal Vertical	3SU1100-7AC10-1NA0 3SU1100-7AD10-1NA0	1 1	1 unit 1 unit	41J 41J
	Latching	Horizontal Vertical	3SU1100-7AA10-1NA0 3SU1100-7AB10-1NA0	1 1	1 unit 1 unit	41J 41J

Without mechanical interlock, 4 switch positions

3SU1100-7AF10-1QA0

4	Momentary contact	Horizontal/vertical	3SU1100-7AF10-1QA0	1	1 unit	41J
	Latching	Horizontal/vertical	3SU1100-7AE10-1QA0	1	1 unit	41J

With mechanical interlock, 2 switch positions

3SU1100-7BA10-1NA0

2	Momentary contact	Horizontal Vertical	3SU1100-7BC10-1NA0 3SU1100-7BD10-1NA0	1 1	1 unit 1 unit	41J 41J
	Latching	Horizontal Vertical	3SU1100-7BA10-1NA0 3SU1100-7BB10-1NA0	1 1	1 unit 1 unit	41J 41J

With mechanical interlock, 4 switch positions

3SU1100-7BF10-1QA0

4	Momentary contact	Horizontal/vertical	3SU1100-7BF10-1QA0	1	1 unit	41J
	Latching	Horizontal/vertical	3SU1100-7BE10-1QA0	1	1 unit	41J

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Actuators and indicators, 22 mm, round, plastic, black



Complete units > Indicator lights

Selection and ordering data

Multi-unit packaging,
see page 13/17.

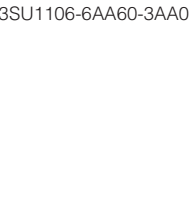
Operational voltage		Color of actuating element	of light source	Screw terminals		PU (UNIT, SET, M)	PS*	PG
at AC	at DC							
V	V			Article No.	Price per PU			

Indicator lights

With smooth lens and integrated LED

	24	24	Red	Red	3SU1102-6AA20-1AA0	1	1 unit	41J
			Yellow	Yellow	3SU1102-6AA30-1AA0	1	1 unit	41J
			Green	Green	3SU1102-6AA40-1AA0	1	1 unit	41J
			Blue	Blue	3SU1102-6AA50-1AA0	1	1 unit	41J
			White	White	3SU1102-6AA60-1AA0	1	1 unit	41J
			Clear	White	3SU1102-6AA70-1AA0	1	1 unit	41J
	110	--	Amber	Amber	3SU1103-6AA00-1AA0	1	1 unit	41J
			Red	Red	3SU1103-6AA20-1AA0	1	1 unit	41J
			Yellow	Yellow	3SU1103-6AA30-1AA0	1	1 unit	41J
			Green	Green	3SU1103-6AA40-1AA0	1	1 unit	41J
			Blue	Blue	3SU1103-6AA50-1AA0	1	1 unit	41J
			White	White	3SU1103-6AA60-1AA0	1	1 unit	41J
	230	--	Amber	Amber	3SU1106-6AA00-1AA0	1	1 unit	41J
			Red	Red	3SU1106-6AA20-1AA0	1	1 unit	41J
			Yellow	Yellow	3SU1106-6AA30-1AA0	1	1 unit	41J
			Green	Green	3SU1106-6AA40-1AA0	1	1 unit	41J
			Blue	Blue	3SU1106-6AA50-1AA0	1	1 unit	41J
			White	White	3SU1106-6AA60-1AA0	1	1 unit	41J
	230	--	Clear	White	3SU1106-6AA70-1AA0	1	1 unit	41J

Spring-loaded terminals

	24	24	Red	Red	3SU1102-6AA20-3AA0	1	1 unit	41J
			Yellow	Yellow	3SU1102-6AA30-3AA0	1	1 unit	41J
			Green	Green	3SU1102-6AA40-3AA0	1	1 unit	41J
			Blue	Blue	3SU1102-6AA50-3AA0	1	1 unit	41J
			White	White	3SU1102-6AA60-3AA0	1	1 unit	41J
			Clear	White	3SU1102-6AA70-3AA0	1	1 unit	41J
	110	--	Red	Red	3SU1103-6AA20-3AA0	1	1 unit	41J
			Yellow	Yellow	3SU1103-6AA30-3AA0	1	1 unit	41J
			Green	Green	3SU1103-6AA40-3AA0	1	1 unit	41J
			Blue	Blue	3SU1103-6AA50-3AA0	1	1 unit	41J
			White	White	3SU1103-6AA60-3AA0	1	1 unit	41J
			Clear	White	3SU1103-6AA70-3AA0	1	1 unit	41J
	230	--	Red	Red	3SU1106-6AA20-3AA0	1	1 unit	41J
			Yellow	Yellow	3SU1106-6AA30-3AA0	1	1 unit	41J
			Green	Green	3SU1106-6AA40-3AA0	1	1 unit	41J
			Blue	Blue	3SU1106-6AA50-3AA0	1	1 unit	41J
			White	White	3SU1106-6AA60-3AA0	1	1 unit	41J
			Clear	White	3SU1106-6AA70-3AA0	1	1 unit	41J

3SU1106-6AA60-3AA0

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights
Actuators and indicators, 22 mm, round, plastic, black

Compact units > Acoustic signaling devices/Potentiometers

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Operational voltage at AC	Operational voltage at DC	Volume level	Degree of protection	Screw terminals	⊕	PU (UNIT, SET, M)	PS*	PG
V	V	dB/cm		Article No.	Price per PU			

Acoustic signaling devices



3SU1200-6KB10-1AA0

24	24	80/10	IP40	3SU1200-6KB10-1AA0	1	1 unit	41J
110	--	80/10	IP40	3SU1200-6KC10-1AA0	1	1 unit	41J
230	--	80/10	IP40	3SU1200-6KF10-1AA0	1	1 unit	41J
24	24	75/10	IP69	3SU1200-6LB10-1AA0	1	1 unit	41J
110	--	75/10	IP69	3SU1200-6LC10-1AA0	1	1 unit	41J
230	--	75/10	IP69	3SU1200-6LF10-1AA0	1	1 unit	41J

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Version of actuating element	Operating principle	Adjustable resistance	Screw terminals	⊕	PU (UNIT, SET, M)	PS*	PG
		kΩ	Article No.	Price per PU			

Potentiometers



3SU1200-2PQ10-1AA0

Rotary knob	Stepless	1	3SU1200-2PQ10-1AA0	1	1 unit	41J
		2.2	3SU1200-2PW10-1AA0	1	1 unit	41J
		4.7	3SU1200-2PR10-1AA0	1	1 unit	41J
		10	3SU1200-2PS10-1AA0	1	1 unit	41J
		47	3SU1200-2PT10-1AA0	1	1 unit	41J
		100	3SU1200-2PU10-1AA0	1	1 unit	41J
		470	3SU1200-2PV10-1AA0	1	1 unit	41J

Labeling plates for potentiometers, see page 13/126.

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Actuators and indicators, 22 mm, round, plastic, black

Compact units > Pushbuttons with extended stroke

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Version	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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Pushbuttons with extended stroke

For actuating relays, can only be combined with extension plunger, no contact module or LED module required



3SU1200-0EB20-0AA0

Pushbuttons with flat button

Red
Green

3SU1200-0EB20-0AA0
3SU1200-0EB40-0AA0

1 1 unit 41J
1 1 unit 41J



3SU1200-0FB10-0AA0

Pushbuttons with raised button

Black
Red

3SU1200-0FB10-0AA0
3SU1200-0FB20-0AA0

1 1 unit 41J
1 1 unit 41J



3SU1201-0EB70-0AA0

Pushbuttons with flat transparent button for insertion of insert labels

Red
Clear

3SU1201-0EB20-0AA0
3SU1201-0EB70-0AA0

1 1 unit 41J
1 1 unit 41J

Version	Material	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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Accessories



3SU1900-0KG10-0AA0

Extension plungers

Plastic

Gray

3SU1900-0KG10-0AA0

1 1 unit 41J

For compensation of
the clearance between
the pushbutton and the
resetting plunger

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Version of actuating element	Operating principle	Color, marking	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Front ring version	Unlatching method						

Pushbuttons



3SU1000-0AB20-0AD0

Pushbuttons with flat button
Standard

Momentary contact
Black, "O"
Red
Red, "O"
Yellow
Green
Green, "I"
Blue
Blue, "R"
White
White, "I"
Clear
Gray

3SU1000-0AB10-0AA0
3SU1000-0AB10-0AD0
3SU1000-0AB20-0AA0
3SU1000-0AB20-0AD0
3SU1000-0AB30-0AA0
3SU1000-0AB40-0AA0
3SU1000-0AB40-0AC0
3SU1000-0AB50-0AA0
3SU1000-0AB50-0AR0
3SU1000-0AB60-0AA0
3SU1000-0AB60-0AC0
3SU1000-0AB70-0AA0
3SU1000-0AB80-0AA0

1 1 unit 41J
1 1 unit 41J
1 1 unit 41J
1 1 unit 41J
1 1 unit 41J
1 1 unit 41J
1 1 unit 41J
1 1 unit 41J
1 1 unit 41J
1 1 unit 41J
1 1 unit 41J
1 1 unit 41J



3SU1000-0AA30-0AA0

Latching
Push to unlatch
Black
Red
Yellow
Green
Blue
White

3SU1000-0AA10-0AA0
3SU1000-0AA20-0AA0
3SU1000-0AA30-0AA0
3SU1000-0AA40-0AA0
3SU1000-0AA50-0AA0
3SU1000-0AA60-0AA0

1 1 unit 41J
1 1 unit 41J
1 1 unit 41J
1 1 unit 41J
1 1 unit 41J
1 1 unit 41J



3SU1000-0BB30-0AA0

Pushbuttons with raised button
Standard

Momentary contact
Black
Red
Yellow
Green
Blue
White

3SU1000-0BB10-0AA0
3SU1000-0BB20-0AA0
3SU1000-0BB30-0AA0
3SU1000-0BB40-0AA0
3SU1000-0BB50-0AA0
3SU1000-0BB60-0AA0

1 1 unit 41J
1 1 unit 41J
1 1 unit 41J
1 1 unit 41J
1 1 unit 41J
1 1 unit 41J



3SU1000-0CB40-0AA0

Pushbuttons with flat button
Raised

Momentary contact
Black
Red
Yellow
Green
Blue
White

3SU1000-0CB10-0AA0
3SU1000-0CB20-0AA0
3SU1000-0CB30-0AA0
3SU1000-0CB40-0AA0
3SU1000-0CB50-0AA0
3SU1000-0CB60-0AA0

1 1 unit 41J
1 1 unit 41J
1 1 unit 41J
1 1 unit 41J
1 1 unit 41J
1 1 unit 41J



3SU1000-0DB50-0AA0

Pushbuttons with flat button
Raised, castellated

Momentary contact
Black
Red
Yellow
Green
Blue
White

3SU1000-0DB10-0AA0
3SU1000-0DB20-0AA0
3SU1000-0DB30-0AA0
3SU1000-0DB40-0AA0
3SU1000-0DB50-0AA0
3SU1000-0DB60-0AA0

1 1 unit 41J
1 1 unit 41J
1 1 unit 41J
1 1 unit 41J
1 1 unit 41J
1 1 unit 41J

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Actuators and indicators, 22 mm, round, plastic, black



Actuating and signaling elements > Pushbuttons

Multi-unit packaging,
see page 13/17.

Version of actuating element		Operating principle	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Front ring version		Unlatching method						
Pushbuttons								
 3SU1001-0AB40-0AA0	Illuminated pushbuttons with flat button Standard	Momentary contact	Amber	3SU1001-0AB00-0AA0		1	1 unit	41J
			Red	3SU1001-0AB20-0AA0		1	1 unit	41J
			Yellow	3SU1001-0AB30-0AA0		1	1 unit	41J
			Green	3SU1001-0AB40-0AA0		1	1 unit	41J
			Blue	3SU1001-0AB50-0AA0		1	1 unit	41J
			White	3SU1001-0AB60-0AA0		1	1 unit	41J
			Clear	3SU1001-0AB70-0AA0		1	1 unit	41J
 3SU1001-0AA20-0AA0		Latching	Red	3SU1001-0AA20-0AA0		1	1 unit	41J
		Push to unlatch	Yellow	3SU1001-0AA30-0AA0		1	1 unit	41J
			Green	3SU1001-0AA40-0AA0		1	1 unit	41J
			Blue	3SU1001-0AA50-0AA0		1	1 unit	41J
			White	3SU1001-0AA60-0AA0		1	1 unit	41J
			Clear	3SU1001-0AA70-0AA0		1	1 unit	41J
 3SU1001-0BB70-0AA0	Illuminated pushbuttons with raised button Standard	Momentary contact	Red	3SU1001-0BB20-0AA0		1	1 unit	41J
			Yellow	3SU1001-0BB30-0AA0		1	1 unit	41J
			Green	3SU1001-0BB40-0AA0		1	1 unit	41J
			Blue	3SU1001-0BB50-0AA0		1	1 unit	41J
			Clear	3SU1001-0BB70-0AA0		1	1 unit	41J
 3SU1001-0DB50-0AA0	Illuminated pushbutton with flat button Raised, castellated	Momentary contact	Blue	3SU1001-0DB50-0AA0		1	1 unit	41J
 3SU1000-0HC10-0AA0	Stop buttons Standard	Momentary contact, latching by pressing in and turning to the right	Black	3SU1000-0HC10-0AA0		1	1 unit	41J
		Rotate to unlatch to the left	Red	3SU1000-0HC20-0AA0		1	1 unit	41J

Actuating and signaling elements > Twin pushbuttons/Quadruple pushbuttons

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Version of actuating element	Operating principle	Color	Marking Symbol No.	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Twin pushbuttons								
	Twin pushbuttons flat, flat	Momen- tary contact	Green/red	-- "I"/"O"	3SU1000-3AB42-0AA0 3SU1000-3AB42-0AK0	1 1	1 unit 1 unit	41J 41J
			White/black	-- "I"/"O"	3SU1000-3AB61-0AA0 3SU1000-3AB61-0AK0	1 1	1 unit 1 unit	41J 41J
			White/white	-- "–"/"–"	3SU1000-3AB66-0AA0 3SU1000-3AB66-0AL0	1 1	1 unit 1 unit	41J 41J
			Arrows, hor.	Arrows, hor.	3SU1000-3AB66-0AM0	1	1 unit	41J
			Arrows, vert.	Arrows, vert.	3SU1000-3AB66-0AN0	1	1 unit	41J
			Black/black	-- 5264/5265 (IEC 60417)	3SU1000-3AB11-0AA0 3SU1000-3AB11-0AQ0	1 1	1 unit 1 unit	41J 41J
		Momen- tary contact	Green/red	-- "I"/"O"	3SU1000-3BB42-0AA0 3SU1000-3BB42-0AK0	1 1	1 unit 1 unit	41J 41J
			White/black	-- "I"/"O"	3SU1000-3BB61-0AA0 3SU1000-3BB61-0AK0	1 1	1 unit 1 unit	41J 41J
	Twin pushbuttons flat, flat, illuminated	Momen- tary contact	Green/red	-- "I"/"O" Arrows, vert.	3SU1001-3AB42-0AA0 3SU1001-3AB42-0AK0 3SU1001-3AB42-0AN0	1 1 1	1 unit 1 unit 1 unit	41J 41J 41J
			White/black	-- "I"/"O"	3SU1001-3AB61-0AA0 3SU1001-3AB61-0AK0	1 1	1 unit 1 unit	41J 41J
			White/white	-- "–"/"–"	3SU1001-3AB66-0AA0 3SU1001-3AB66-0AL0	1 1	1 unit 1 unit	41J 41J
			Arrows, vert.	Arrows, vert.	3SU1001-3AB66-0AN0	1	1 unit	41J
			Symbols "Circular saw blade"/ "Tilt tipper"	Symbols "Circular saw blade"/ "Tilt tipper"	3SU1001-3AB66-0AP0	1	1 unit	41J
	Twin pushbuttons flat, raised, illuminated	Momen- tary contact	Green/red	-- "I"/"O"	3SU1001-3BB42-0AA0 3SU1001-3BB42-0AK0	1 1	1 unit 1 unit	41J 41J
			White/black	-- "I"/"O"	3SU1001-3BB61-0AA0 3SU1001-3BB61-0AK0	1 1	1 unit 1 unit	41J 41J

Selection and ordering data

Version of actuating element	Operating principle	Color	Marking	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Quadruple pushbuttons								
	Quadruple pushbuttons flat	Momen- tary contact	Black	-- Arrows, vert.; arrows, hor.	3SU1000-3FB11-0AA0 3SU1000-3FB11-0AU0	1 1	1 unit 1 unit	41J 41J

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

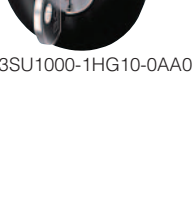
Actuators and indicators, 22 mm, round, plastic, black



Actuating and signaling elements > Mushroom pushbuttons

Selection and ordering data

Multi-unit packaging,
see page 13/17.

	Version of actuating element	Operating principle Unlatching method	Color, marking	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG		
Mushroom pushbuttons										
	Mushroom pushbuttons 30 mm diameter, 2 positions	Momentary contact	Black	3SU1000-1AD10-0AA0		1	1 unit	41J		
			Red	3SU1000-1AD20-0AA0		1	1 unit	41J		
			Yellow	3SU1000-1AD30-0AA0		1	1 unit	41J		
			Green	3SU1000-1AD40-0AA0		1	1 unit	41J		
	Latching Pull to unlatch		Black	3SU1000-1AA10-0AA0		1	1 unit	41J		
			Red	3SU1000-1AA20-0AA0		1	1 unit	41J		
			Yellow	3SU1000-1AA30-0AA0		1	1 unit	41J		
	Mushroom pushbuttons 40 mm diameter, 2 positions	Momentary contact	Black	3SU1000-1BD10-0AA0		1	1 unit	41J		
			Red	3SU1000-1BD20-0AA0		1	1 unit	41J		
			Yellow	3SU1000-1BD30-0AA0		1	1 unit	41J		
			Green	3SU1000-1BD40-0AA0		1	1 unit	41J		
	Latching Pull to unlatch		Black	3SU1000-1BA10-0AA0		1	1 unit	41J		
			Red	3SU1000-1BA20-0AA0		1	1 unit	41J		
			Red "O"	3SU1000-1BA20-0AD0		1	1 unit	41J		
	Mushroom pushbuttons 60 mm diameter, 2 positions	Momentary contact	Black	3SU1000-1CD10-0AA0		1	1 unit	41J		
			Red	3SU1000-1CD20-0AA0		1	1 unit	41J		
			Yellow	3SU1000-1CD30-0AA0		1	1 unit	41J		
			Green	3SU1000-1CD40-0AA0		1	1 unit	41J		
	Latching Pull to unlatch		Black	3SU1000-1CA10-0AA0		1	1 unit	41J		
			Red	3SU1000-1CA20-0AA0		1	1 unit	41J		
	Mushroom pushbuttons 30 mm diameter, 2 positions, illuminated	Momentary contact	Red	3SU1001-1AD20-0AA0		1	1 unit	41J		
			Yellow	3SU1001-1AD30-0AA0		1	1 unit	41J		
			Green	3SU1001-1AD40-0AA0		1	1 unit	41J		
			Blue	3SU1001-1AD50-0AA0		1	1 unit	41J		
	Latching Pull to unlatch		White	3SU1001-1AD60-0AA0		1	1 unit	41J		
			Clear	3SU1001-1AD70-0AA0		1	1 unit	41J		
	Mushroom pushbuttons 40 mm diameter, 2 positions, illuminated	Momentary contact	Red	3SU1001-1AA20-0AA0		1	1 unit	41J		
			Yellow	3SU1001-1AA30-0AA0		1	1 unit	41J		
			Green	3SU1001-1AA40-0AA0		1	1 unit	41J		
			Blue	3SU1001-1AA50-0AA0		1	1 unit	41J		
	Latching Pull to unlatch		Clear	3SU1001-1AA70-0AA0		1	1 unit	41J		
	Mushroom pushbuttons 40 mm diameter, 2 positions, illuminated	Momentary contact	Yellow	3SU1001-1BD30-0AA0		1	1 unit	41J		
			Green	3SU1001-1BD40-0AA0		1	1 unit	41J		
			White	3SU1001-1BD60-0AA0		1	1 unit	41J		
			Clear	3SU1001-1BD70-0AA0		1	1 unit	41J		
	Latching Pull to unlatch		Red	3SU1001-1BA20-0AA0		1	1 unit	41J		
			Yellow	3SU1001-1BA30-0AA0		1	1 unit	41J		
			Green	3SU1001-1BA40-0AA0		1	1 unit	41J		
			Blue	3SU1001-1BA50-0AA0		1	1 unit	41J		
			Clear	3SU1001-1BA70-0AA0		1	1 unit	41J		
	Mushroom pushbuttons 40 mm diameter, 2 positions	With positive latching	Black	3SU1000-1HB10-0AA0		1	1 unit	41J		
		Rotate to unlatch	Blue	3SU1000-1HB50-0AA0		1	1 unit	41J		
	Mushroom pushbutton 40 mm diameter, 2 positions RONIS 455	With positive latching	Black	3SU1000-1HG10-0AA0		1	1 unit	41J		
		Key-operated release								
	Mushroom pushbutton 60 mm diameter, 2 positions	With positive latching	Black	3SU1000-1JB10-0AA0		1	1 unit	41J		
		Rotate to unlatch								

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Version of actuating element	Outer diameter of mushroom mm	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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EMERGENCY-STOP mushroom pushbuttons, according to ISO 13850 and IEC 60947-5-5

With pull to unlatch

3SU1000-1HA20-0AA0

With positive
latching,
2 positions

40

Red

3SU1000-1HA20-0AA0

1

1 unit

41J

With rotate to unlatch

3SU1000-1GB20-0AA0

With positive
latching,
2 positions

33.8

Red

3SU1000-1GB20-0AA0

1

1 unit

41J

40

Red

3SU1000-1HB20-0AA0

1

1 unit

41J



3SU1000-1HB20-0AA0

60

Red

3SU1000-1JB20-0AA0

1

1 unit

41J



3SU1000-1JB20-0AA0

With rotate to unlatch, can be illuminated

3SU1001-1HB20-0AA0

With positive latching,
2 positions

33.8

Red

3SU1001-1GB20-0AA0

1

1 unit

41J

40

Red

3SU1001-1HB20-0AA0

1

1 unit

41J

60

Red

3SU1001-1JB20-0AA0

1

1 unit

41J

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Actuators and indicators, 22 mm, round, plastic, black



Actuating and signaling elements > EMERGENCY-STOP mushroom pushbuttons/Toggle switches

Multi-unit packaging,
see page 13/17.

Version of actuating element	Outer diameter of mushroom mm	Make of lock	Color	Number of keys	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
------------------------------	----------------------------------	--------------	-------	----------------	-------------	--------------	-------------------	-----	----

EMERGENCY-STOP mushroom pushbuttons, according to ISO 13850 and IEC 60947-5-5

With key-operated release

With positive 40
latching,
2 positions

RONIS, SB30

Red 2

3SU1000-1HF20-0AA0

1 1 unit

41J

RONIS, 455

Red 2

3SU1000-1HG20-0AA0

1 1 unit

41J

3SU1000-1HF20-0AA0

O.M.R. 73037 Red 2

3SU1000-1HQ20-0AA0

1 1 unit

41J

3SU1000-1HQ20-0AA0

Siemens, C,
S-10-CG¹⁾²⁾

Red 2

3SU1000-1HR20-0AA0

1 1 unit

41J

Siemens, C,
SSP9¹⁾

Red 2

3SU1000-1HS20-0AA0

1 1 unit

41J

Siemens, C,
SMS1¹⁾

Red 2

3SU1000-1HT20-0AA0

1 1 unit

41J

3SU1000-1HR20-0AA0

Siemens, B,
S1³⁾

Red 2

3SU1000-1HK20-0AA0

1 1 unit

41J

Siemens, B,
E7³⁾⁴⁾

Red 0

3SU1000-1HM20-0AA0

1 1 unit

41J

Siemens, B,
Eg³⁾⁴⁾

Red 0

3SU1000-1HN20-0AA0

1 1 unit

41J

3SU1000-1HK20-0AA0

¹⁾ Siemens, C lock (compatible with CES locks).

²⁾ S-10-CG (compatible with SSG10 lock).

³⁾ Siemens, B lock (compatible with BKS locks).

⁴⁾ VW locks are supplied without a key.

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Number of switch positions	Number of command points	Color of actuating element	Operating principle of the actuating element	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
----------------------------	--------------------------	----------------------------	--	-------------	--------------	-------------------	-----	----

Toggle switches

2

1

Black

Latching

3SU1000-3EA10-0AA0

1 1 unit

41J

Momentary
contact, reset
from above

3SU1000-3EC10-0AA0

1 1 unit

41J

3SU1000-3EA10-0AA0

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Version of actuating element	Operating principle	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Selector switches							
2 switch positions, can be illuminated							
 3SU1002-2BC40-0AA0	Selector, short black actuator Momentary contact, 45° (10:30/12 o'clock), reset from center to left 	Black Red Yellow Green Blue White	3SU1002-2BC10-0AA0		1	1 unit	41J
			3SU1002-2BC20-0AA0		1	1 unit	41J
			3SU1002-2BC30-0AA0		1	1 unit	41J
			3SU1002-2BC40-0AA0		1	1 unit	41J
			3SU1002-2BC50-0AA0		1	1 unit	41J
			3SU1002-2BC60-0AA0		1	1 unit	41J
 3SU1002-2BF30-0AA0	Latching, 90° (10:30/1 o'clock) 	Black Red Yellow Green Blue White	3SU1002-2BF10-0AA0		1	1 unit	41J
			3SU1002-2BF20-0AA0		1	1 unit	41J
			3SU1002-2BF30-0AA0		1	1 unit	41J
			3SU1002-2BF40-0AA0		1	1 unit	41J
			3SU1002-2BF50-0AA0		1	1 unit	41J
			3SU1002-2BF60-0AA0		1	1 unit	41J
 3SU1002-2CF20-0AA0	Selector, long black actuator Latching, 90° (10:30/1:30 o'clock) 	Black Red White	3SU1002-2CF10-0AA0		1	1 unit	41J
			3SU1002-2CF20-0AA0		1	1 unit	41J
			3SU1002-2CF60-0AA0		1	1 unit	41J
 3SU1002-2AF20-0AA0	Rotary knob Latching, 90° (10:30/1:30 o'clock) 	Red White	3SU1002-2AF20-0AA0		1	1 unit	41J
			3SU1002-2AF60-0AA0		1	1 unit	41J

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Actuators and indicators, 22 mm, round, plastic, black



Actuating and signaling elements > Selector switches

Multi-unit packaging,
see page 13/17.

Version of actuating element	Operating principle	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
3 switch positions, can be illuminated							
Selector, short black actuator 	Momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from left + right	Black	3SU1002-2BM10-0AA0		1	1 unit	41J
		Red	3SU1002-2BM20-0AA0		1	1 unit	41J
		Yellow	3SU1002-2BM30-0AA0		1	1 unit	41J
		Green	3SU1002-2BM40-0AA0		1	1 unit	41J
		Blue	3SU1002-2BM50-0AA0		1	1 unit	41J
		White	3SU1002-2BM60-0AA0		1	1 unit	41J
	Latching, 2x45° (10:30/12/1:30 o'clock)	Black	3SU1002-2BL10-0AA0		1	1 unit	41J
		Red	3SU1002-2BL20-0AA0		1	1 unit	41J
		Yellow	3SU1002-2BL30-0AA0		1	1 unit	41J
		Green	3SU1002-2BL40-0AA0		1	1 unit	41J
		Blue	3SU1002-2BL50-0AA0		1	1 unit	41J
		White	3SU1002-2BL60-0AA0		1	1 unit	41J
	Momentary contact/latching, 2x45° (10:30/12/1:30 o'clock), reset from the left, latching to the right	Black	3SU1002-2BP10-0AA0		1	1 unit	41J
		Red	3SU1002-2BP20-0AA0		1	1 unit	41J
		Yellow	3SU1002-2BP30-0AA0		1	1 unit	41J
		Green	3SU1002-2BP40-0AA0		1	1 unit	41J
		Blue	3SU1002-2BP50-0AA0		1	1 unit	41J
		White	3SU1002-2BP60-0AA0		1	1 unit	41J
	Latching/momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from the right, latching to the left	Black	3SU1002-2BN10-0AA0		1	1 unit	41J
		Red	3SU1002-2BN20-0AA0		1	1 unit	41J
		Yellow	3SU1002-2BN30-0AA0		1	1 unit	41J
		Green	3SU1002-2BN40-0AA0		1	1 unit	41J
		Blue	3SU1002-2BN50-0AA0		1	1 unit	41J
		White	3SU1002-2BN60-0AA0		1	1 unit	41J
4 switch positions							
Rotary knob	Latching, 4x90° (3/6/9/12 o'clock)	White	3SU1000-2AS60-0AA0		1	1 unit	41J
							

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Operating principle	Make of lock	Switch position for key removal	Number of keys	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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Key-operated switches

2 switch positions



3SU1000-4JC01-0AA0

Momentary contact, 45° (10:30/12 o'clock), reset from center to left



RONIS, SB30	O	2	3SU1000-4BC01-0AA0	1	1 unit	41J
RONIS, 455	O	2	3SU1000-4CC01-0AA0	1	1 unit	41J
O.M.R. 73037, red	O	2	3SU1000-4FC01-0AA0	1	1 unit	41J
O.M.R. 73038, light blue	O	2	3SU1000-4GC01-0AA0	1	1 unit	41J
O.M.R. 73034, black	O	2	3SU1000-4HC01-0AA0	1	1 unit	41J
O.M.R. 73033, yellow	O	2	3SU1000-4JC01-0AA0	1	1 unit	41J
Siemens, C, S-10-CG ¹⁾²⁾	O	2	3SU1000-5BC01-0AA0	1	1 unit	41J
Siemens, C, LSG ¹⁾	O	2	3SU1000-5HC01-0AA0	1	1 unit	41J
Siemens, B, S ¹⁾³⁾	O	2	3SU1000-5PC01-0AA0	1	1 unit	41J



3SU1000-4BF11-0AA0

Latching, 90° (10:30/1:30 o'clock)



RONIS, SB30	O	2	3SU1000-4BF01-0AA0	1	1 unit	41J
	O+I	2	3SU1000-4BF11-0AA0	1	1 unit	41J
	I	2	3SU1000-4BF21-0AA0	1	1 unit	41J
RONIS, 455	O	2	3SU1000-4CF01-0AA0	1	1 unit	41J
	O+I	2	3SU1000-4CF11-0AA0	1	1 unit	41J
RONIS, 421	O+I	2	3SU1000-4DF11-0AA0	1	1 unit	41J



3SU1000-4GF11-0AA0

O.M.R. 73037, red	O	2	3SU1000-4FF01-0AA0	1	1 unit	41J
	O+I	2	3SU1000-4FF11-0AA0	1	1 unit	41J
O.M.R. 73038, light blue	O	2	3SU1000-4GF01-0AA0	1	1 unit	41J
	O+I	2	3SU1000-4GF11-0AA0	1	1 unit	41J
O.M.R. 73034, black	O	2	3SU1000-4HF01-0AA0	1	1 unit	41J
	O+I	2	3SU1000-4HF11-0AA0	1	1 unit	41J
	I	2	3SU1000-4HF21-0AA0	1	1 unit	41J
O.M.R. 73033, yellow	O	2	3SU1000-4JF01-0AA0	1	1 unit	41J
	O+I	2	3SU1000-4JF11-0AA0	1	1 unit	41J
	I	2	3SU1000-4JF21-0AA0	1	1 unit	41J



3SU1000-5BF11-0AA0

Siemens, C, S-10-CG ¹⁾²⁾	O	2	3SU1000-5BF01-0AA0	1	1 unit	41J
	O+I	2	3SU1000-5BF11-0AA0	1	1 unit	41J
	I	2	3SU1000-5BF21-0AA0	1	1 unit	41J
Siemens, C, S-10-CG ¹⁾²⁾ with key monitoring	O	2	3SU1000-5JF01-0AA0	1	1 unit	41J
Siemens, C, LSG ¹⁾	O	2	3SU1000-5HF01-0AA0	1	1 unit	41J
	O+I	2	3SU1000-5HF11-0AA0	1	1 unit	41J



3SU1000-5PF11-0AA0

Siemens, B, S ¹⁾³⁾	O	2	3SU1000-5PF01-0AA0	1	1 unit	41J
	O+I	2	3SU1000-5PF11-0AA0	1	1 unit	41J
	I	2	3SU1000-5PF21-0AA0	1	1 unit	41J
Siemens, B, E ¹⁾³⁾⁴⁾	O	0	3SU1000-5QF01-0AA0	1	1 unit	41J
	O+I	0	3SU1000-5QF11-0AA0	1	1 unit	41J
Siemens, B, E ²⁾³⁾⁴⁾	O	0	3SU1000-5RF01-0AA0	1	1 unit	41J
	O+I	0	3SU1000-5RF11-0AA0	1	1 unit	41J
Siemens, B, E ³⁾⁴⁾	O	0	3SU1000-5SF01-0AA0	1	1 unit	41J
	O+I	0	3SU1000-5SF11-0AA0	1	1 unit	41J
Siemens, B, E ³⁾⁴⁾	O	0	3SU1000-5TF01-0AA0	1	1 unit	41J
	O+I	0	3SU1000-5TF11-0AA0	1	1 unit	41J

- 1) Siemens, C lock (compatible with CES locks).
 2) S-10-CG (compatible with SSG10 lock).
 3) Siemens, B lock (compatible with BKS locks).
 4) VW locks are supplied without a key.

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Actuators and indicators, 22 mm, round, plastic, black



Actuating and signaling elements > Key-operated switches

Multi-unit packaging,
see page 13/17.

Operating principle	Make of lock	Switch position for key removal	Number of keys	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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Key-operated switches



3SU1000-4BM01-0AA0

3 switch positions

Momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from left + right



RONIS, SB30	O	2	3SU1000-4BM01-0AA0	1	1 unit	41J
O.M.R. 73037, red	O	2	3SU1000-4FM01-0AA0	1	1 unit	41J
O.M.R. 73034, black	O	2	3SU1000-4HM01-0AA0	1	1 unit	41J
Siemens, C, S-10-CG ¹⁾²⁾	O	2	3SU1000-5BM01-0AA0	1	1 unit	41J
Siemens, B, S1 ³⁾	O	2	3SU1000-5PM01-0AA0	1	1 unit	41J

Latching, 2x45° (10:30/12/1:30 o'clock)



RONIS, SB30	O	2	3SU1000-4BL01-0AA0	1	1 unit	41J
	I+O+II	2	3SU1000-4BL11-0AA0	1	1 unit	41J
	I	2	3SU1000-4BL21-0AA0	1	1 unit	41J
	II	2	3SU1000-4BL31-0AA0	1	1 unit	41J
	I+II	2	3SU1000-4BL41-0AA0	1	1 unit	41J
	O+I	2	3SU1000-4BL51-0AA0	1	1 unit	41J
RONIS, 455	O	2	3SU1000-4CL01-0AA0	1	1 unit	41J
	I+O+II	2	3SU1000-4CL11-0AA0	1	1 unit	41J
O.M.R. 73037, red	O	2	3SU1000-4FL01-0AA0	1	1 unit	41J
	O+I	2	3SU1000-4FL51-0AA0	1	1 unit	41J
O.M.R. 73038, light blue	O	2	3SU1000-4GL01-0AA0	1	1 unit	41J
	I+O+II	2	3SU1000-4GL11-0AA0	1	1 unit	41J
O.M.R. 73034, black	O	2	3SU1000-4HL01-0AA0	1	1 unit	41J
	I+O+II	2	3SU1000-4HL11-0AA0	1	1 unit	41J
O.M.R. 73033, yellow	I+O+II	2	3SU1000-4JL11-0AA0	1	1 unit	41J



3SU1000-4FL01-0AA0



3SU1000-5BL01-0AA0

Siemens, C, S-10-CG ¹⁾²⁾	O	2	3SU1000-5BL01-0AA0	1	1 unit	41J
	I+O+II	2	3SU1000-5BL11-0AA0	1	1 unit	41J
	I	2	3SU1000-5BL21-0AA0	1	1 unit	41J
	II	2	3SU1000-5BL31-0AA0	1	1 unit	41J
	I+II	2	3SU1000-5BL41-0AA0	1	1 unit	41J
	O+I	2	3SU1000-5BL51-0AA0	1	1 unit	41J
Siemens, C, S-10-CG ¹⁾²⁾ with key monitoring	O	2	3SU1000-5JL01-0AA0	1	1 unit	41J
Siemens, B, S1 ³⁾	O	2	3SU1000-5PL01-0AA0	1	1 unit	41J
	I+O+II	2	3SU1000-5PL11-0AA0	1	1 unit	41J
	I	2	3SU1000-5PL21-0AA0	1	1 unit	41J
	II	2	3SU1000-5PL31-0AA0	1	1 unit	41J
	I+II	2	3SU1000-5PL41-0AA0	1	1 unit	41J
Siemens, B, E2 ³⁾⁴⁾	I+O+II	0	3SU1000-5RL11-0AA0	1	1 unit	41J
Siemens, B, E9 ³⁾⁴⁾	I+O+II	0	3SU1000-5TL11-0AA0	1	1 unit	41J

¹⁾ Siemens, C lock (compatible with CES locks).

²⁾ S-10-CG (compatible with SSG10 lock).

³⁾ Siemens, B lock (compatible with BKS locks).

⁴⁾ VW locks are supplied without a key.

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Actuators and indicators, 22 mm, round, plastic, black

Actuating and signaling elements > Key-operated switches/ID key-operated switches

Multi-unit packaging,
see page 13/17.

Operating principle	Make of lock	Switch position for key removal	Number of keys	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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Key-operated switches



3SU1000-4BP01-0AA0



3SU1000-5BP01-0AA0



3SU1000-4GN01-0AA0

3 switch positions

Momentary contact/latching, 2x45° (10:30/12/1:30 o'clock), reset from the left, latching to the right



RONIS, SB30	O	2	3SU1000-4BP01-0AA0	1	1 unit	41J
	II	2	3SU1000-4BP31-0AA0	1	1 unit	41J
	O+II	2	3SU1000-4BP61-0AA0	1	1 unit	41J
Siemens, C, S-10-CG ¹⁾²⁾	O	2	3SU1000-5BP01-0AA0	1	1 unit	41J
	II	2	3SU1000-5BP31-0AA0	1	1 unit	41J
	O+II	2	3SU1000-5BP61-0AA0	1	1 unit	41J
Siemens, B S1 ³⁾	O	2	3SU1000-5PP01-0AA0	1	1 unit	41J

Latching/momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from the right, latching to the left



RONIS, SB30	O	2	3SU1000-4BN01-0AA0	1	1 unit	41J
	I	2	3SU1000-4BN21-0AA0	1	1 unit	41J
	O+I	2	3SU1000-4BN51-0AA0	1	1 unit	41J
O.M.R. 73038, light blue	O	2	3SU1000-4GN01-0AA0	1	1 unit	41J
O.M.R. 73034, black	I	2	3SU1000-4HN21-0AA0	1	1 unit	41J
Siemens, C, S-10-CG ¹⁾²⁾	O	2	3SU1000-5BN01-0AA0	1	1 unit	41J
	I	2	3SU1000-5BN21-0AA0	1	1 unit	41J
	O+I	2	3SU1000-5BN51-0AA0	1	1 unit	41J
Siemens, B, S1 ³⁾	I	2	3SU1000-5PN21-0AA0	1	1 unit	41J
	O+I	2	3SU1000-5PN51-0AA0	1	1 unit	41J

¹⁾ Siemens, C lock (compatible with CES locks).

²⁾ S-10-CG (compatible with SSG10 lock).

³⁾ Siemens, B lock (compatible with BKS locks).

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Actuating angle	Operating principle	Switch position for key removal	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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ID key-operated switches **NEW**



3SU1000-4WS10-0AA0

ID keys, see page 13/137.

Electronic modules for ID key-operated switches, see page 13/91.

Holders for ID key-operated switches, see page 13/77.

4 switch positions

45°

Latching

Key removal possible in all 4 positions

Black

3SU1000-4WS10-0AA0	1	1 unit	41J
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Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Actuators and indicators, 22 mm, round, plastic, black



Actuating and signaling elements > Coordinate switches/Indicator lights

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Product function Interlocking in neutral position	Number of switch positions	Operating principle	Direction of actuation	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Coordinate switches								
 3SU1000-7AA10-0AA0	No	2	Momentary contact	Horizontal Vertical		1	1 unit	41J
			Latching	Horizontal Vertical		1	1 unit	41J
	4	Momentary contact	Horizontal/ vertical	3SU1000-7AC10-0AA0 3SU1000-7AD10-0AA0		1	1 unit	41J
				3SU1000-7AB10-0AA0		1	1 unit	41J
		Latching	Horizontal/ vertical	3SU1000-7AF10-0AA0		1	1 unit	41J
				3SU1000-7AE10-0AA0		1	1 unit	41J
 3SU1000-7BA10-0AA0	Yes	2	Momentary contact	Horizontal Vertical		1	1 unit	41J
			Latching	Horizontal Vertical		1	1 unit	41J
	4	Momentary contact	Horizontal/ vertical	3SU1000-7BC10-0AA0 3SU1000-7BD10-0AA0		1	1 unit	41J
				3SU1000-7BA10-0AA0 3SU1000-7BB10-0AA0		1	1 unit	41J
		Latching	Horizontal/ vertical	3SU1000-7BF10-0AA0		1	1 unit	41J
				3SU1000-7BE10-0AA0		1	1 unit	41J

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Product version	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
 With smooth lens	Amber	3SU1001-6AA00-0AA0		1	5 units	41J
	Red	3SU1001-6AA20-0AA0		1	5 units	41J
	Yellow	3SU1001-6AA30-0AA0		1	5 units	41J
	Green	3SU1001-6AA40-0AA0		1	5 units	41J
	Blue	3SU1001-6AA50-0AA0		1	5 units	41J
	White	3SU1001-6AA60-0AA0		1	5 units	41J
	Clear	3SU1001-6AA70-0AA0		1	5 units	41J
Illuminated pushbutton design						
 --	Red	3SU1001-0AD20-0AA0		1	1 unit	41J
	Yellow	3SU1001-0AD30-0AA0		1	1 unit	41J
	Green	3SU1001-0AD40-0AA0		1	1 unit	41J
	Blue	3SU1001-0AD50-0AA0		1	1 unit	41J
	Clear	3SU1001-0AD70-0AA0		1	1 unit	41J

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Actuators and indicators, 22 mm, round, plastic, black

Actuating and signaling elements > Sealing plugs, USB and RJ45 connections

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Mounting diameter	Material	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
mm							

Sealing plugs¹⁾



3SU1900-0FA10-0AA0

22	Plastic	Black	3SU1900-0FA10-0AA0		1	5 units	41J
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¹⁾ The sealing plug is mounted with a holder.
Modules might already be mounted on the holder.

Product version	Mounting diameter	Accessory material	Accessory color	Screw terminals	PU (UNIT, SET, M)	PS*	PG
	mm						

USB connections



3SU1900-0GA10-0AA0



USB 3.0	22	Plastic	Black	3SU1900-0GA10-0AA0		1	1 unit	41J
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RJ45 connections



3SU1900-0GB10-0AA0



RJ-45 Cat. 5e	22	Plastic	Black	3SU1900-0GB10-0AA0		1	1 unit	41J
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Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights
Actuators and indicators, 22 mm, metal, shiny



Complete units > Pushbuttons

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Supply voltage for light source		Color	Number of			Screw terminals		PU (UNIT, SET, M)	PS*	PG
at AC	at DC		contact modules	NO con- tacts	NC con- tacts					
V	V					Article No.	Price per PU			

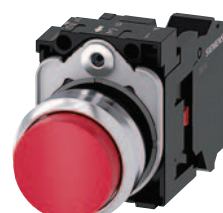
Pushbuttons



3SU1150-0AB30-1BA0

Pushbuttons with flat button, momentary contact

--	--	Black	1	1	0	3SU1150-0AB10-1BA0		1	1 unit	41J
				0	1	3SU1150-0AB10-1CA0		1	1 unit	41J
				1	1	3SU1150-0AB10-1FA0		1	1 unit	41J
		Red	1	1	0	3SU1150-0AB20-1BA0		1	1 unit	41J
				0	1	3SU1150-0AB20-1CA0		1	1 unit	41J
				1	1	3SU1150-0AB20-1FA0		1	1 unit	41J
		Yellow	1	1	0	3SU1150-0AB30-1BA0		1	1 unit	41J
				1	1	3SU1150-0AB30-1FA0		1	1 unit	41J
		Green	1	1	0	3SU1150-0AB40-1BA0		1	1 unit	41J
				1	1	3SU1150-0AB40-1FA0		1	1 unit	41J
		Blue	1	1	0	3SU1150-0AB50-1BA0		1	1 unit	41J
				1	1	3SU1150-0AB50-1FA0		1	1 unit	41J
		White	1	1	0	3SU1150-0AB60-1BA0		1	1 unit	41J
				1	1	3SU1150-0AB60-1FA0		1	1 unit	41J
		Clear	1	1	0	3SU1150-0AB70-1BA0		1	1 unit	41J
				1	1	3SU1150-0AB70-1FA0		1	1 unit	41J



3SU1150-0BB20-1CA0

Pushbuttons with raised button, momentary contact

--	--	Black	1	1	0	3SU1150-0BB10-1BA0		1	1 unit	41J
				0	1	3SU1150-0BB10-1CA0		1	1 unit	41J
				1	1	3SU1150-0BB10-1FA0		1	1 unit	41J
		Red	1	0	1	3SU1150-0BB20-1CA0		1	1 unit	41J
				1	1	3SU1150-0BB20-1FA0		1	1 unit	41J
		Green	1	1	1	3SU1150-0BB40-1FA0		1	1 unit	41J
		Blue	1	1	0	3SU1150-0BB50-1BA0		1	1 unit	41J
				1	1	3SU1150-0BB50-1FA0		1	1 unit	41J



3SU1152-0AB50-1BA0

Illuminated pushbuttons with flat button, momentary contact, with integrated LED

24	24	Amber	1	1	0	3SU1152-0AB00-1BA0		1	1 unit	41J
				1	1	3SU1152-0AB00-1FA0		1	1 unit	41J
		Red	1	0	1	3SU1152-0AB20-1CA0		1	1 unit	41J
				1	1	3SU1152-0AB20-1FA0		1	1 unit	41J
		Yellow	1	1	0	3SU1152-0AB30-1BA0		1	1 unit	41J
				1	1	3SU1152-0AB30-1FA0		1	1 unit	41J
		Green	1	1	0	3SU1152-0AB40-1BA0		1	1 unit	41J
				1	1	3SU1152-0AB40-1FA0		1	1 unit	41J
		Blue	1	1	0	3SU1152-0AB50-1BA0		1	1 unit	41J
				1	1	3SU1152-0AB50-1FA0		1	1 unit	41J
		White	1	1	0	3SU1152-0AB60-1BA0		1	1 unit	41J
				1	1	3SU1152-0AB60-1FA0		1	1 unit	41J
		Clear	1	1	0	3SU1152-0AB70-1BA0		1	1 unit	41J
				1	1	3SU1152-0AB70-1FA0		1	1 unit	41J
110	--	Amber	1	1	0	3SU1153-0AB00-1BA0		1	1 unit	41J
				1	1	3SU1153-0AB00-1FA0		1	1 unit	41J
		Red	1	0	1	3SU1153-0AB20-1CA0		1	1 unit	41J
				1	1	3SU1153-0AB20-1FA0		1	1 unit	41J
		Yellow	1	1	0	3SU1153-0AB30-1BA0		1	1 unit	41J
				1	1	3SU1153-0AB30-1FA0		1	1 unit	41J
		Green	1	1	0	3SU1153-0AB40-1BA0		1	1 unit	41J
				1	1	3SU1153-0AB40-1FA0		1	1 unit	41J
		Blue	1	1	0	3SU1153-0AB50-1BA0		1	1 unit	41J
				1	1	3SU1153-0AB50-1FA0		1	1 unit	41J
		White	1	1	0	3SU1153-0AB60-1BA0		1	1 unit	41J
				1	1	3SU1153-0AB60-1FA0		1	1 unit	41J
		Clear	1	1	0	3SU1153-0AB70-1BA0		1	1 unit	41J
				1	1	3SU1153-0AB70-1FA0		1	1 unit	41J



3SU1153-0AB60-1BA0

Multi-unit packaging,
see page 13/17.

Supply voltage for light source		Color	Number of			Screw terminals	PU (UNIT, SET, M)	PS*	PG
at AC	at DC		contact modules	NO con- tacts	NC con- tacts				
V	V					Article No.	Price per PU		

Pushbuttons



3SU1156-0AB50-1BA0

Illuminated pushbuttons with flat button, momentary contact, with integrated LED

230	--	Amber	1	1	0	3SU1156-0AB00-1BA0	1	1 unit	41J
				1	1	3SU1156-0AB00-1FA0	1	1 unit	41J
		Red	1	0	1	3SU1156-0AB20-1CA0	1	1 unit	41J
				1	1	3SU1156-0AB20-1FA0	1	1 unit	41J
		Yellow	1	1	0	3SU1156-0AB30-1BA0	1	1 unit	41J
				1	1	3SU1156-0AB30-1FA0	1	1 unit	41J
		Green	1	1	0	3SU1156-0AB40-1BA0	1	1 unit	41J
				1	1	3SU1156-0AB40-1FA0	1	1 unit	41J
		Blue	1	1	0	3SU1156-0AB50-1BA0	1	1 unit	41J
				1	1	3SU1156-0AB50-1FA0	1	1 unit	41J
		White	1	1	0	3SU1156-0AB60-1BA0	1	1 unit	41J
				1	1	3SU1156-0AB60-1FA0	1	1 unit	41J
		Clear	1	1	0	3SU1156-0AB70-1BA0	1	1 unit	41J
				1	1	3SU1156-0AB70-1FA0	1	1 unit	41J

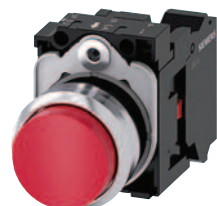
Spring-loaded terminals



3SU1150-0AB40-3BA0

Pushbuttons with flat button, momentary contact

--	--	Black	1	1	0	3SU1150-0AB10-3BA0	1	1 unit	41J
				0	1	3SU1150-0AB10-3CA0	1	1 unit	41J
				1	1	3SU1150-0AB10-3FA0	1	1 unit	41J
		Red	1	1	0	3SU1150-0AB20-3CA0	1	1 unit	41J
				0	1	3SU1150-0AB20-3FA0	1	1 unit	41J
		Yellow	1	1	0	3SU1150-0AB30-3BA0	1	1 unit	41J
				1	1	3SU1150-0AB30-3FA0	1	1 unit	41J
		Green	1	1	0	3SU1150-0AB40-3BA0	1	1 unit	41J
				1	1	3SU1150-0AB40-3FA0	1	1 unit	41J
		Blue	1	1	0	3SU1150-0AB50-3BA0	1	1 unit	41J
				1	1	3SU1150-0AB50-3FA0	1	1 unit	41J
		White	1	1	0	3SU1150-0AB60-3BA0	1	1 unit	41J
				1	1	3SU1150-0AB60-3FA0	1	1 unit	41J



3SU1150-0BB20-3CA0

Pushbutton with raised button, momentary contact

--	--	Red	1	0	1	3SU1150-0BB20-3CA0	1	1 unit	41J
----	----	-----	---	---	---	--------------------	---	--------	-----

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights
Actuators and indicators, 22 mm, metal, shiny



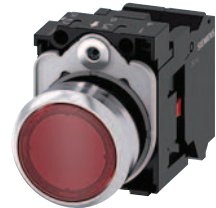
Complete units > Pushbuttons/Mushroom pushbuttons

Multi-unit packaging,
see page 13/17.

Supply voltage for light source		Color	Number of			Spring-loaded terminals	PU (UNIT, SET, M)	PS*	PG
at AC	at DC		contact modules	NO contacts	NC contacts				
V	V					Article No.	Price per PU		

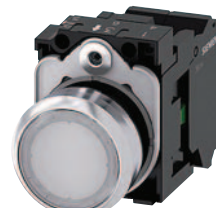
Pushbuttons

Illuminated pushbuttons with flat button, momentary contact, with integrated LED



3SU1152-0AB20-3CA0

24	24	Red	1	0	1	3SU1152-0AB20-3CA0	1	1 unit	41J
				1	1	3SU1152-0AB20-3FA0	1	1 unit	41J
		Yellow	1	1	0	3SU1152-0AB30-3BA0	1	1 unit	41J
				1	1	3SU1152-0AB30-3FA0	1	1 unit	41J
		Green	1	1	0	3SU1152-0AB40-3BA0	1	1 unit	41J
				1	1	3SU1152-0AB40-3FA0	1	1 unit	41J
		Blue	1	1	0	3SU1152-0AB50-3BA0	1	1 unit	41J
110	--			1	1	3SU1152-0AB50-3FA0	1	1 unit	41J
		White	1	1	0	3SU1152-0AB60-3BA0	1	1 unit	41J
				1	1	3SU1152-0AB60-3FA0	1	1 unit	41J
		Clear	1	1	0	3SU1152-0AB70-3BA0	1	1 unit	41J
				1	1	3SU1152-0AB70-3FA0	1	1 unit	41J
		Red	1	0	1	3SU1153-0AB20-3CA0	1	1 unit	41J
				1	1	3SU1153-0AB20-3FA0	1	1 unit	41J
230	--	Yellow	1	1	0	3SU1153-0AB30-3BA0	1	1 unit	41J
				1	1	3SU1153-0AB30-3FA0	1	1 unit	41J
		Green	1	1	0	3SU1153-0AB40-3BA0	1	1 unit	41J
				1	1	3SU1153-0AB40-3FA0	1	1 unit	41J
		Blue	1	1	0	3SU1153-0AB50-3BA0	1	1 unit	41J
				1	1	3SU1153-0AB50-3FA0	1	1 unit	41J
		White	1	1	0	3SU1153-0AB60-3BA0	1	1 unit	41J
3SU1153-0AB60-3BA0				1	1	3SU1153-0AB60-3FA0	1	1 unit	41J
		Clear	1	1	0	3SU1153-0AB70-3BA0	1	1 unit	41J
				1	1	3SU1153-0AB70-3FA0	1	1 unit	41J
		Red	1	0	1	3SU1156-0AB20-3CA0	1	1 unit	41J
				1	1	3SU1156-0AB20-3FA0	1	1 unit	41J
		Yellow	1	1	0	3SU1156-0AB30-3BA0	1	1 unit	41J
				1	1	3SU1156-0AB30-3FA0	1	1 unit	41J
3SU1156-0AB30-3BA0		Green	1	1	0	3SU1156-0AB40-3BA0	1	1 unit	41J
				1	1	3SU1156-0AB40-3FA0	1	1 unit	41J
		Blue	1	1	0	3SU1156-0AB50-3BA0	1	1 unit	41J
				1	1	3SU1156-0AB50-3FA0	1	1 unit	41J
		White	1	1	0	3SU1156-0AB60-3BA0	1	1 unit	41J
				1	1	3SU1156-0AB60-3FA0	1	1 unit	41J
		Clear	1	1	0	3SU1156-0AB70-3BA0	1	1 unit	41J
				1	1	3SU1156-0AB70-3FA0	1	1 unit	41J



3SU1153-0AB60-3BA0



3SU1156-0AB30-3BA0

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Unlatching method	Number of contact modules	NO contacts	NC contacts	Screw terminals	PU (UNIT, SET, M)	PS*	PG
				Article No.	Price per PU		

Mushroom pushbuttons

With red mushroom, 40 mm diameter, latching



3SU1150-1BA20-1CA0

Pull to unlatch	1	0	1	3SU1150-1BA20-1CA0	1	1 unit	41J
		1	1	3SU1150-1BA20-1FA0	1	1 unit	41J
Pull to unlatch	1	0	1	3SU1150-1BA20-3CA0	1	1 unit	41J
		1	1	3SU1150-1BA20-3FA0	1	1 unit	41J

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Unlatching method	Number of contact modules	NO contacts	NC contacts	Marking	Spring-loaded terminals 	PU (UNIT, SET, M)	PS*	PG
					Article No.	Price per PU		

EMERGENCY-STOP mushroom pushbuttons, with yellow backing plate (60 mm diameter), according to ISO 13850 and IEC 60947-5-5



3SU1150-1GB20-3CW0

With red mushroom, 30 mm diameter, with positive latching

Rotate to unlatch	1	0	1	--		3SU1150-1GB20-3CW0	1	1 unit	41J
	2	0	2	--		3SU1150-1GB20-3PW0	1	1 unit	41J

EMERGENCY-STOP mushroom pushbuttons, with self-adhesive yellow backing plate (75 mm diameter), according to ISO 13850 and IEC 60947-5-5



3SU1150-1HB20-1CH0

With red mushroom, 40 mm diameter, with positive latching

Pull to unlatch	1	0	1	NOT-HALT 		3SU1150-1HA20-1CH0	1	1 unit	41J
				EMERGENCY STOP 		3SU1150-1HA20-1CG0	1	1 unit	41J
		1	1	NOT-HALT 		3SU1150-1HA20-1FH0	1	1 unit	41J
				EMERGENCY STOP 		3SU1150-1HA20-1FG0	1	1 unit	41J
				ARRET D'URGENCE 		3SU1150-1HA20-1FJ0	1	1 unit	41J
Rotate to unlatch	1	0	1	NOT-HALT 		3SU1150-1HB20-1CH0	1	1 unit	41J
				EMERGENCY STOP 		3SU1150-1HB20-1CG0	1	1 unit	41J
				ARRET D'URGENCE 		3SU1150-1HB20-1CJ0	1	1 unit	41J
		1	1	NOT-HALT 		3SU1150-1HB20-1FH0	1	1 unit	41J
				EMERGENCY STOP 		3SU1150-1HB20-1FG0	1	1 unit	41J
				ARRET D'URGENCE 		3SU1150-1HB20-1FJ0	1	1 unit	41J



3SU1150-1HB20-3CF0

Pull to unlatch	1	0	1	NOT-HALT 		3SU1150-1HA20-3CH0	1	1 unit	41J
			1	NOT-HALT 		3SU1150-1HA20-3FH0	1	1 unit	41J
	2	0	2	NOT-HALT 		3SU1150-1HA20-3PH0	1	1 unit	41J
Rotate to unlatch	1	0	1	-- 		3SU1150-1HB20-3CF0	1	1 unit	41J
	2	0	2	-- 		3SU1150-1HB20-3PF0	1	1 unit	41J
	1	0	1	NOT-HALT 		3SU1150-1HB20-3CH0	1	1 unit	41J
		1	1	NOT-HALT 		3SU1150-1HB20-3FH0	1	1 unit	41J
	2	0	2	NOT-HALT 		3SU1150-1HB20-3PH0	1	1 unit	41J

 Positive opening according to IEC 60947-5-1, Annex K.
Can be used with 3SK safety relays, see page 11/1 onwards.
Certificate:



Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights
Actuators and indicators, 22 mm, metal, shiny



Complete units > EMERGENCY-STOP mushroom pushbuttons

Multi-unit packaging,
see page 13/17.

Unlatching method	Number of contact modules	NO contacts	NC contacts	Screw terminals	PU (UNIT, SET, M)	PS*	PG
				Article No.	Price per PU		

EMERGENCY-STOP mushroom pushbuttons, without yellow backing plate, according to ISO 13850 and IEC 60947-5-5



With red mushroom, 40 mm diameter, with positive latching

Rotate to unlatch	2	0	2	➡	3SU1150-1HB20-1PA0	1	1 unit	41J
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3SU1150-1HB20-1PA0

➡ Positive opening according to IEC 60947-5-1, Annex K.
Can be used with 3SK safety relays, [see page 11/1 onwards](#).
Certificate:



Multi-unit packaging,
see page 13/17.

Unlatching method	Supply voltage for light source	Number of contact modules	NO contacts	NC contacts	Marking	Spring-loaded terminals	PU (UNIT, SET, M)	PS*	PG
	at AC	at DC							
	V	V				Article No.	Price per PU		

EMERGENCY-STOP mushroom pushbuttons, can be illuminated, with yellow backing plate (60 mm diameter), according to ISO 13850 and IEC 60947-5-5



With red mushroom, 30 mm diameter, with positive latching

Rotate to unlatch	24	24	1	0	1	--	➡	3SU1152-1GB20-3CW0	1	1 unit	41J
			2	0	2	--	➡	3SU1152-1GB20-3PW0	1	1 unit	41J

3SU1152-1GB20-3CW0

EMERGENCY-STOP mushroom pushbuttons, can be illuminated, with self-adhesive yellow backing plate (75 mm diameter), according to ISO 13850 and IEC 60947-5-5



With red mushroom, 40 mm diameter, with positive latching

Rotate to unlatch	--	--	1	0	1	--	➡	3SU1151-1HB20-3CF0	1	1 unit	41J
	24	24	2	0	2	--	➡	3SU1152-1HB20-3PF0	1	1 unit	41J

3SU1152-1HB20-3PF0



Rotate to unlatch	24 ... 240	24 ... 240	1	0	2	EMERGENCY STOP	➡	3SU1158-1HB20-1PT0	1	1 unit	41J
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3SU1158-1HB20-1PT0

➡ Positive opening according to IEC 60947-5-1, Annex K.
Can be used with 3SK safety relays, [see page 11/1 onwards](#).
Certificate:

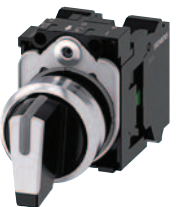


Selection and ordering data

Multi-unit packaging,
see page 13/17.

Operating principle	Supply voltage for light source		Color	Number of contact modules	NO contacts	NC contacts	Screw terminals		PU (UNIT, SET, M)	PS*	PG
	at AC	at DC									
	V	V					Article No.	Price per PU			

Selector switches

Short black actuators, 2 switch positions, can be illuminated											
	Momentary contact, 45° (10:30/12 o'clock), reset from the right	--	--	White	1	1	0	3SU1150-2BC60-1BA0	1	1 unit	41J
											
3SU1150-2BF60-1BA0	Latching, 90° (10:30/1:30 o'clock)	--	--	White	1	1	0	3SU1150-2BF60-1BA0	1	1 unit	41J
					1	1		3SU1150-2BF60-1FA0	1	1 unit	41J
					2	1	1	3SU1150-2BF60-1MA0	1	1 unit	41J
		24	24	Red	2	1	1	3SU1152-2BF20-1MA0	1	1 unit	41J
											
Short black actuators, 3 switch positions, can be illuminated											
	Momentary contact, 2x45° (10:30/12/ 1:30 o'clock), reset from left + right	--	--	White	2	2	2	3SU1150-2BM60-1LA0 3SU1150-2BM60-1NA0	1	1 unit	41J
											
3SU1152-2BF20-1MA0	Latching, 2x45° (10:30/12/ 1:30 o'clock)	--	--	White	2	2	0	3SU1150-2BL60-1LA0 3SU1150-2BL60-1NA0	1	1 unit	41J
											
Long black actuators, 2 switch positions, can be illuminated											
	Latching, 90° (10:30/1:30 o'clock)	--	--	White	1	1	0	3SU1150-2CF60-1BA0 3SU1150-2CF60-1NA0	1	1 unit	41J
					2	2	0				
Long black actuator, 3 switch positions, can be illuminated											
	Momentary contact, 2x45° (10:30/12/ 1:30 o'clock), reset from left + right	--	--	White	2	1	1	3SU1150-2CM60-1NA0	1	1 unit	41J
											
								Spring-loaded terminals			
Short black actuators, 2 switch positions, can be illuminated											
	Latching, 90° (10:30/1:30 o'clock)	--	--	White	1	1	0	3SU1150-2BF60-3BA0 3SU1150-2BF60-3MA0	1	1 unit	41J
					2	1	1				
Short black actuators, 3 switch positions, can be illuminated											
	Momentary contact, 2x45° (10:30/12/ 1:30 o'clock), reset from left + right	--	--	White	2	2	2	3SU1150-2BM60-3LA0 3SU1150-2BM60-3NA0	1	1 unit	41J
											
3SU1150-2BL60-3NA0	Latching, 2x45° (10:30/12/ 1:30 o'clock)	--	--	White	2	2	0	3SU1150-2BL60-3LA0 3SU1150-2BL60-3NA0	1	1 unit	41J
											

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights
Actuators and indicators, 22 mm, metal, shiny



Complete units > Key-operated switches/Coordinate switches

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Operating principle	Switch position for key removal	Number of contact modules	NO contacts	NC contacts	Number of keys	Screw terminals	PU (UNIT, SET, M)	PS*	PG
						Article No.	Price per PU		

Key-operated switches



3SU1150-4BF11-1BA0

With RONIS lock, SB30, 2 switch positions

Latching, 90° (10:30/1:30 o'clock)	O+I	1	1	0	2	3SU1150-4BF11-1BA0	1	1 unit	41J
	O+I		1	1	2	3SU1150-4BF11-1FA0	1	1 unit	41J
	O+I	1	1	0	2	3SU1150-4BF11-3BA0	1	1 unit	41J
	O+I		1	1	2	3SU1150-4BF11-3FA0	1	1 unit	41J
	O	2	0	2	2	3SU1150-4BF01-3PA0	1	1 unit	41J

Spring-loaded terminals



Selection and ordering data

Multi-unit packaging,
see page 13/17.

Number of NO contacts (1 per direction)	Operating principle	Direction of actuation	Screw terminals	PU (UNIT, SET, M)	PS*	PG
			Article No.	Price per PU		

Coordinate switches



3SU1150-7AF88-1QA0

Without mechanical interlock, 2 switch positions

2	Momentary contact	Horizontal	3SU1150-7AC88-1NA0	1	1 unit	41J
		Vertical	3SU1150-7AD88-1NA0	1	1 unit	41J
	Latching	Horizontal	3SU1150-7AA88-1NA0	1	1 unit	41J
		Vertical	3SU1150-7AB88-1NA0	1	1 unit	41J

Without mechanical interlock, 4 switch positions

4	Momentary contact	Horizontal/vertical	3SU1150-7AF88-1QA0	1	1 unit	41J
	Latching	Horizontal/vertical	3SU1150-7AE88-1QA0	1	1 unit	41J



3SU1150-7BF88-1QA0

With mechanical interlock, 2 switch positions

2	Momentary contact	Horizontal	3SU1150-7BC88-1NA0	1	1 unit	41J
		Vertical	3SU1150-7BD88-1NA0	1	1 unit	41J
	Latching	Horizontal	3SU1150-7BA88-1NA0	1	1 unit	41J
		Vertical	3SU1150-7BB88-1NA0	1	1 unit	41J

With mechanical interlock, 4 switch positions

4	Momentary contact	Horizontal/vertical	3SU1150-7BF88-1QA0	1	1 unit	41J
	Latching	Horizontal/vertical	3SU1150-7BE88-1QA0	1	1 unit	41J

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Operational voltage at AC	at DC	Color of actuating element	of light source	Screw terminals	PU (UNIT, SET, M)	PS*	PG
V	V			Article No.	Price per PU		

Indicator lights

With smooth lens and integrated LED

24	24	Amber	Amber	3SU1152-6AA00-1AA0	1	1 unit	41J
		Red	Red	3SU1152-6AA20-1AA0	1	1 unit	41J
		Yellow	Yellow	3SU1152-6AA30-1AA0	1	1 unit	41J
		Green	Green	3SU1152-6AA40-1AA0	1	1 unit	41J
		Blue	Blue	3SU1152-6AA50-1AA0	1	1 unit	41J
		White	White	3SU1152-6AA60-1AA0	1	1 unit	41J
		Clear	White	3SU1152-6AA70-1AA0	1	1 unit	41J
110	--	Amber	Amber	3SU1153-6AA00-1AA0	1	1 unit	41J
		Red	Red	3SU1153-6AA20-1AA0	1	1 unit	41J
		Yellow	Yellow	3SU1153-6AA30-1AA0	1	1 unit	41J
		Green	Green	3SU1153-6AA40-1AA0	1	1 unit	41J
		Blue	Blue	3SU1153-6AA50-1AA0	1	1 unit	41J
		White	White	3SU1153-6AA60-1AA0	1	1 unit	41J
		Clear	White	3SU1153-6AA70-1AA0	1	1 unit	41J
230	--	Red	Red	3SU1156-6AA20-1AA0	1	1 unit	41J
		Yellow	Yellow	3SU1156-6AA30-1AA0	1	1 unit	41J
		Green	Green	3SU1156-6AA40-1AA0	1	1 unit	41J
		Blue	Blue	3SU1156-6AA50-1AA0	1	1 unit	41J
		White	White	3SU1156-6AA60-1AA0	1	1 unit	41J
		Clear	White	3SU1156-6AA70-1AA0	1	1 unit	41J

Spring-loaded terminals

24	24	Red	Red	3SU1152-6AA20-3AA0	1	1 unit	41J
		Yellow	Yellow	3SU1152-6AA30-3AA0	1	1 unit	41J
		Green	Green	3SU1152-6AA40-3AA0	1	1 unit	41J
		Blue	Blue	3SU1152-6AA50-3AA0	1	1 unit	41J
		White	White	3SU1152-6AA60-3AA0	1	1 unit	41J
		Clear	White	3SU1152-6AA70-3AA0	1	1 unit	41J
110	--	Red	Red	3SU1153-6AA20-3AA0	1	1 unit	41J
		Yellow	Yellow	3SU1153-6AA30-3AA0	1	1 unit	41J
		Green	Green	3SU1153-6AA40-3AA0	1	1 unit	41J
		Blue	Blue	3SU1153-6AA50-3AA0	1	1 unit	41J
		White	White	3SU1153-6AA60-3AA0	1	1 unit	41J
		Clear	White	3SU1153-6AA70-3AA0	1	1 unit	41J
230	--	Red	Red	3SU1156-6AA20-3AA0	1	1 unit	41J
		Yellow	Yellow	3SU1156-6AA30-3AA0	1	1 unit	41J
		Green	Green	3SU1156-6AA40-3AA0	1	1 unit	41J
		Blue	Blue	3SU1156-6AA50-3AA0	1	1 unit	41J
		White	White	3SU1156-6AA60-3AA0	1	1 unit	41J
		Clear	White	3SU1156-6AA70-3AA0	1	1 unit	41J

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Actuators and indicators, 22 mm, metal, shiny

Compact units > Acoustic signaling devices/Potentiometers

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Operational voltage at AC	Operational voltage at DC	Volume level	Degree of protection	Screw terminals	⊕	PU (UNIT, SET, M)	PS*	PG
V	V	dB/cm		Article No.	Price per PU			

Acoustic signaling devices



3SU1200-6KB10-1AA0

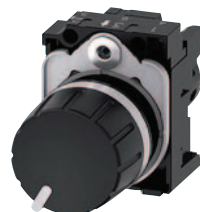
24	24	80/10	IP40	3SU1200-6KB10-1AA0	1	1 unit	41J
110	--	80/10	IP40	3SU1200-6KC10-1AA0	1	1 unit	41J
230	--	80/10	IP40	3SU1200-6KF10-1AA0	1	1 unit	41J
24	24	75/10	IP69	3SU1200-6LB10-1AA0	1	1 unit	41J
110	--	75/10	IP69	3SU1200-6LC10-1AA0	1	1 unit	41J
230	--	75/10	IP69	3SU1200-6LF10-1AA0	1	1 unit	41J

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Version of actuating element	Operating principle	Adjustable resistance	Screw terminals	⊕	PU (UNIT, SET, M)	PS*	PG
		kΩ	Article No.	Price per PU			

Potentiometers



3SU1200-2PQ10-1AA0

Rotary knob	Stepless	1	3SU1200-2PQ10-1AA0	1	1 unit	41J
		2.2	3SU1200-2PW10-1AA0	1	1 unit	41J
		4.7	3SU1200-2PR10-1AA0	1	1 unit	41J
		10	3SU1200-2PS10-1AA0	1	1 unit	41J
		47	3SU1200-2PT10-1AA0	1	1 unit	41J
		100	3SU1200-2PU10-1AA0	1	1 unit	41J
		470	3SU1200-2PV10-1AA0	1	1 unit	41J

Labeling plates for potentiometers, see page 13/126.

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Actuators and indicators, 22 mm, metal, shiny

Compact units > Pushbuttons with extended stroke

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Version	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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Pushbuttons with extended stroke

For actuating relays, can only be combined with extension plunger, no contact module or LED module required



3SU1250-0EB40-0AA0

Pushbuttons with flat button

Red
Green
Blue

3SU1250-0EB20-0AA0
3SU1250-0EB40-0AA0
3SU1250-0EB50-0AA0

1	1 unit	41J
1	1 unit	41J
1	1 unit	41J



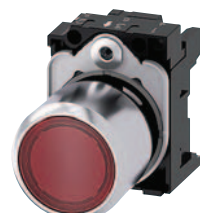
3SU1250-0FB10-0AA0

Pushbutton with raised button

Black

3SU1250-0FB10-0AA0

1	1 unit	41J
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3SU1251-0EB20-0AA0

Pushbuttons with flat transparent button for insertion of insert labels

Red
Clear

3SU1251-0EB20-0AA0
3SU1251-0EB70-0AA0

1	1 unit	41J
1	1 unit	41J

Version	Material	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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Accessories



3SU1900-0KG10-0AA0

Extension plunger

Plastic

Gray

3SU1900-0KG10-0AA0

1	1 unit	41J
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For compensation of the clearance between the pushbutton and the resetting plunger of an overload relay

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights
Actuators and indicators, 22 mm, metal, shiny



Actuating and signaling elements > Pushbuttons

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Version of actuating element	Operating principle	Color, marking	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Front ring version	Unlatching method						

Pushbuttons



3SU1050-0AB40-0AC0

Pushbuttons with flat button

Standard

Momentary contact	Black	3SU1050-0AB10-0AA0	1	1 unit	41J
	Black, "O"	3SU1050-0AB10-0AD0	1	1 unit	41J
	Red	3SU1050-0AB20-0AA0	1	1 unit	41J
	Red, "O"	3SU1050-0AB20-0AD0	1	1 unit	41J
	Yellow	3SU1050-0AB30-0AA0	1	1 unit	41J
	Green	3SU1050-0AB40-0AA0	1	1 unit	41J
	Green, "I"	3SU1050-0AB40-0AC0	1	1 unit	41J
	Blue	3SU1050-0AB50-0AA0	1	1 unit	41J
	Blue, "R"	3SU1050-0AB50-0AR0	1	1 unit	41J
	White	3SU1050-0AB60-0AA0	1	1 unit	41J
	White, "I"	3SU1050-0AB60-0AB0	1	1 unit	41J
	White, "I"	3SU1050-0AB60-0AC0	1	1 unit	41J
	Clear	3SU1050-0AB70-0AA0	1	1 unit	41J
	Gray	3SU1050-0AB80-0AA0	1	1 unit	41J



3SU1050-0AA30-0AA0

Latching	Black	3SU1050-0AA10-0AA0	1	1 unit	41J
Push to unlatch	Red	3SU1050-0AA20-0AA0	1	1 unit	41J
	Yellow	3SU1050-0AA30-0AA0	1	1 unit	41J
	Green	3SU1050-0AA40-0AA0	1	1 unit	41J
	Blue	3SU1050-0AA50-0AA0	1	1 unit	41J
	White	3SU1050-0AA60-0AA0	1	1 unit	41J



3SU1050-0BB20-0AA0

Pushbuttons with raised button

Standard

Momentary contact	Black	3SU1050-0BB10-0AA0	1	1 unit	41J
	Red	3SU1050-0BB20-0AA0	1	1 unit	41J
	Yellow	3SU1050-0BB30-0AA0	1	1 unit	41J
	Green	3SU1050-0BB40-0AA0	1	1 unit	41J
	Blue	3SU1050-0BB50-0AA0	1	1 unit	41J
	White	3SU1050-0BB60-0AA0	1	1 unit	41J
Latching	Red	3SU1050-0BA20-0AA0	1	1 unit	41J
Push to unlatch					



3SU1050-0CB50-0AA0

Pushbuttons with flat button

Raised

Momentary contact	Black	3SU1050-0CB10-0AA0	1	1 unit	41J
	Red	3SU1050-0CB20-0AA0	1	1 unit	41J
	Yellow	3SU1050-0CB30-0AA0	1	1 unit	41J
	Green	3SU1050-0CB40-0AA0	1	1 unit	41J
	Blue	3SU1050-0CB50-0AA0	1	1 unit	41J
	White	3SU1050-0CB60-0AA0	1	1 unit	41J



3SU1051-0CB40-0AA0

Illuminated pushbuttons with flat button

Raised

Momentary contact	Green	3SU1051-0CB40-0AA0	1	20 units	41J
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Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Actuators and indicators, 22 mm, metal, shiny

Actuating and signaling elements > Pushbuttons

Multi-unit packaging,
see page 13/17.

Version of actuating element	Operating principle	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Front ring version	Unlatching method						
Pushbuttons							
 3SU1051-0AB30-0AA0	Illuminated pushbuttons with flat button Standard	Momentary contact	Amber	3SU1051-0AB00-0AA0	1	1 unit	41J
			Red	3SU1051-0AB20-0AA0	1	1 unit	41J
			Yellow	3SU1051-0AB30-0AA0	1	1 unit	41J
			Green	3SU1051-0AB40-0AA0	1	1 unit	41J
			Blue	3SU1051-0AB50-0AA0	1	1 unit	41J
			White	3SU1051-0AB60-0AA0	1	1 unit	41J
			Clear	3SU1051-0AB70-0AA0	1	1 unit	41J
 3SU1051-0AA20-0AA0		Latching	Red	3SU1051-0AA20-0AA0	1	1 unit	41J
		Push to unlatch	Yellow	3SU1051-0AA30-0AA0	1	1 unit	41J
			Green	3SU1051-0AA40-0AA0	1	1 unit	41J
			Blue	3SU1051-0AA50-0AA0	1	1 unit	41J
			White	3SU1051-0AA60-0AA0	1	1 unit	41J
			Clear	3SU1051-0AA70-0AA0	1	1 unit	41J
 3SU1051-0BB20-0AA0	Illuminated pushbuttons with raised button Standard	Momentary contact	Amber	3SU1051-0BB00-0AA0	1	1 unit	41J
			Red	3SU1051-0BB20-0AA0	1	1 unit	41J
			Yellow	3SU1051-0BB30-0AA0	1	1 unit	41J
			Green	3SU1051-0BB40-0AA0	1	1 unit	41J
			Blue	3SU1051-0BB50-0AA0	1	1 unit	41J
			White	3SU1051-0BB60-0AA0	1	1 unit	41J
			Clear	3SU1051-0BB70-0AA0	1	1 unit	41J

Commanding and signaling devices

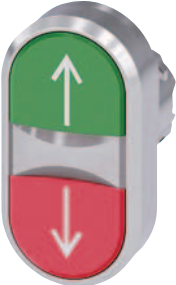
SIRIUS ACT pushbuttons and indicator lights
Actuators and indicators, 22 mm, metal, shiny



Actuating and signaling elements > Twin pushbuttons

Selection and ordering data

Multi-unit packaging,
see page 13/17.

	Version of actuating element	Operating principle	Color	Marking Symbol No.	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Twin pushbuttons									
 3SU1050-3AB66-0AL0	Twin pushbuttons flat, flat	Momen- tary contact	Green/red	-- "I"/"O"	3SU1050-3AB42-0AA0 3SU1050-3AB42-0AK0		1 1	1 unit 1 unit	41J 41J
			White/black	-- "I"/"O"	3SU1050-3AB61-0AA0 3SU1050-3AB61-0AK0		1 1	1 unit 1 unit	41J 41J
			White/white	-- "-"/"++ Arrows, hor.	3SU1050-3AB66-0AA0 3SU1050-3AB66-0AL0 3SU1050-3AB66-0AM0		1 1 1	1 unit 1 unit 1 unit	41J 41J 41J
			Black/black	-- ○ ○ 5264/5265 (IEC 60417)	3SU1050-3AB11-0AA0 3SU1050-3AB11-0AQ0		1 1	1 unit 1 unit	41J 41J
 3SU1050-3BB42-0AK0	Twin pushbuttons flat, raised	Momen- tary contact	Green/red	-- "I"/"O"	3SU1050-3BB42-0AA0 3SU1050-3BB42-0AK0		1 1	1 unit 1 unit	41J 41J
			White/black	-- "I"/"O"	3SU1050-3BB61-0AA0 3SU1050-3BB61-0AK0		1 1	1 unit 1 unit	41J 41J
 3SU1051-3AB42-0AN0	Twin pushbuttons flat, flat, illuminated	Momen- tary contact	Green/red	-- "I"/"O" Arrows, vert.	3SU1051-3AB42-0AA0 3SU1051-3AB42-0AK0 3SU1051-3AB42-0AN0		1 1 1	1 unit 1 unit 1 unit	41J 41J 41J
			White/black	-- "I"/"O"	3SU1051-3AB61-0AA0 3SU1051-3AB61-0AK0		1 1	1 unit 1 unit	41J 41J
 3SU1051-3BB61-0AA0	Twin pushbuttons flat, raised, illuminated	Momen- tary contact	Green/red	-- "I"/"O"	3SU1051-3BB42-0AA0 3SU1051-3BB42-0AK0		1 1	1 unit 1 unit	41J 41J
			White/black	-- "I"/"O"	3SU1051-3BB61-0AA0 3SU1051-3BB61-0AK0		1 1	1 unit 1 unit	41J 41J

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Version of actuating element	Operating principle Unlatching method	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Mushroom pushbuttons							
2 switch positions							
	Momentary contact	Black	3SU1050-1AD10-0AA0		1	1 unit	41J
		Red	3SU1050-1AD20-0AA0		1	1 unit	41J
		Yellow	3SU1050-1AD30-0AA0		1	1 unit	41J
		Green	3SU1050-1AD40-0AA0		1	1 unit	41J
	Latching Pull to unlatch	Black Red	3SU1050-1AA10-0AA0 3SU1050-1AA20-0AA0		1 1	1 unit 1 unit	41J 41J
	Momentary contact	Black	3SU1050-1BD10-0AA0		1	1 unit	41J
		Red	3SU1050-1BD20-0AA0		1	1 unit	41J
		Yellow	3SU1050-1BD30-0AA0		1	1 unit	41J
		Green	3SU1050-1BD40-0AA0		1	1 unit	41J
	Latching Pull to unlatch	Black Red Yellow	3SU1050-1BA10-0AA0 3SU1050-1BA20-0AA0 3SU1050-1BA30-0AA0		1 1 1	1 unit 1 unit 1 unit	41J 41J 41J
	Momentary contact	Black	3SU1050-1CD10-0AA0		1	1 unit	41J
		Red	3SU1050-1CD20-0AA0		1	1 unit	41J
		Yellow	3SU1050-1CD30-0AA0		1	1 unit	41J
		Green	3SU1050-1CD40-0AA0		1	1 unit	41J
	Latching Pull to unlatch	Black Red	3SU1050-1CA10-0AA0 3SU1050-1CA20-0AA0		1 1	1 unit 1 unit	41J 41J
	Momentary contact	Yellow	3SU1051-1AD30-0AA0		1	1 unit	41J
		Green	3SU1051-1AD40-0AA0		1	1 unit	41J
		Blue	3SU1051-1AD50-0AA0		1	1 unit	41J
		White	3SU1051-1AD60-0AA0		1	1 unit	41J
	Latching Pull to unlatch	Amber Red Yellow Green Blue Clear	3SU1051-1AA00-0AA0 3SU1051-1AA20-0AA0 3SU1051-1AA30-0AA0 3SU1051-1AA40-0AA0 3SU1051-1AA50-0AA0 3SU1051-1AA70-0AA0		1 1 1 1 1 1	1 unit 1 unit 1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J 41J 41J
	Momentary contact	Amber	3SU1051-1BD00-0AA0		1	1 unit	41J
		Yellow	3SU1051-1BD30-0AA0		1	1 unit	41J
		Green	3SU1051-1BD40-0AA0		1	1 unit	41J
		White	3SU1051-1BD60-0AA0		1	1 unit	41J
	Latching Pull to unlatch	Amber Red Yellow Green Blue Clear	3SU1051-1BA00-0AA0 3SU1051-1BA20-0AA0 3SU1051-1BA30-0AA0 3SU1051-1BA40-0AA0 3SU1051-1BA50-0AA0 3SU1051-1BA70-0AA0		1 1 1 1 1 1	1 unit 1 unit 1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J 41J 41J
	Momentary contact	Amber	3SU1051-1CD00-0AA0		1	1 unit	41J
		Yellow	3SU1051-1CD30-0AA0		1	1 unit	41J
		Green	3SU1051-1CD40-0AA0		1	1 unit	41J
		White	3SU1051-1CD60-0AA0		1	1 unit	41J
	Latching Pull to unlatch	Red Yellow Green Blue Clear	3SU1051-1CA20-0AA0 3SU1051-1CA30-0AA0 3SU1051-1CA40-0AA0 3SU1051-1CA50-0AA0 3SU1051-1CA70-0AA0		1 1 1 1 1	1 unit 1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J 41J

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights
Actuators and indicators, 22 mm, metal, shiny



Actuating and signaling elements > Mushroom pushbuttons/EMERGENCY-STOP mushroom pushbuttons

Multi-unit packaging,
see page 13/17.

Version of actuating element	Operating principle Unlatching method	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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Mushroom pushbuttons

2 switch positions



3SU1050-1HB10-0AA0

Mushroom pushbuttons
with raised mushroom,
40 mm diameter,
2 positions

With positive latching
Rotate to unlatch
Black
Yellow

3SU1050-1HB10-0AA0
3SU1050-1HB30-0AA0

1 1 unit 41J
1 1 unit 41J

3 switch positions



3SU1050-1EA20-0AA0

Mushroom pushbuttons
40 mm diameter,
3 positions

Momentary contact
Black
Red

3SU1050-1ED10-0AA0
3SU1050-1ED20-0AA0

1 1 unit 41J
1 1 unit 41J

Latching
Black
Red

3SU1050-1EA10-0AA0
3SU1050-1EA20-0AA0

1 1 unit 41J
1 1 unit 41J

Pull to unlatch



3SU1051-1EA40-0AA0

Mushroom pushbuttons
40 mm diameter,
3 positions, illuminated

Momentary contact
Red
White

3SU1051-1ED20-0AA0
3SU1051-1ED60-0AA0

1 1 unit 41J
1 1 unit 41J

Latching
Red
Green

3SU1051-1EA20-0AA0
3SU1051-1EA40-0AA0

1 1 unit 41J
1 1 unit 41J

Pull to unlatch

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Version of actuating element	Outer diameter of mushroom mm	Make of lock	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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EMERGENCY-STOP mushroom pushbuttons, according to ISO 13850 and IEC 60947-5-5

With pull to unlatch



3SU1050-1HA20-0AA0

With positive latching,
2 positions
40 -- Red

3SU1050-1HA20-0AA0

1 1 unit 41J

With rotate to unlatch



3SU1050-1GB20-0AA0

With positive latching,
2 positions
33.8 -- Red

3SU1050-1GB20-0AA0

1 1 unit 41J

Actuating and signaling elements > EMERGENCY-STOP mushroom pushbuttons

Multi-unit packaging,
see page 13/17.

Version of actuating element	Outer diameter of mushroom mm	Make of lock	Color	Number of keys	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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EMERGENCY-STOP mushroom pushbuttons, according to ISO 13850 and IEC 60947-5-5

With rotate to unlatch

With positive latching, 2 positions	40	--	Red	--	3SU1050-1HB20-0AA0		1	1 unit	41J
	60	--	Red	--	3SU1050-1JB20-0AA0		1	1 unit	41J



3SU1050-1HB20-0AA0



3SU1050-1JB20-0AA0

With rotate to unlatch, can be illuminated

With positive latching, 2 positions	33.8	--	Red	--	3SU1051-1GB20-0AA0		1	1 unit	41J
	40	--	Red	--	3SU1051-1HB20-0AA0		1	1 unit	41J
	60	--	Red	--	3SU1051-1JB20-0AA0		1	1 unit	41J



3SU1051-1HB20-0AA0

With key-operated release

With positive latching, 2 positions	40	RONIS, SB30	Red	2	3SU1050-1HF20-0AA0		1	1 unit	41J
		RONIS, 455	Red	2	3SU1050-1HG20-0AA0		1	1 unit	41J
		RONIS, 421	Red	2	3SU1050-1HH20-0AA0		1	1 unit	41J



3SU1050-1HF20-0AA0



3SU1050-1HQ20-0AA0



3SU1050-1HR20-0AA0

O.M.R. 73037	Red	2	3SU1050-1HQ20-0AA0		1	1 unit	41J
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Siemens, C, S-10-CG ¹⁾²⁾	Red	2	3SU1050-1HR20-0AA0		1	1 unit	41J
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Siemens, C, SSPg ¹⁾	Red	2	3SU1050-1HS20-0AA0		1	1 unit	41J
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Siemens, C, VL5 ¹⁾	Black	2	3SU1050-1HU10-0AA0		1	1 unit	41J
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Siemens, C, VL1 ¹⁾	Red	2	3SU1050-1HU20-0AA0		1	1 unit	41J
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Siemens, C, VL1 ¹⁾	Red	2	3SU1050-1HV20-0AA0		1	1 unit	41J
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Siemens, B, S1 ³⁾	Red	2	3SU1050-1HK20-0AA0		1	1 unit	41J
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Siemens, B, E7 ³⁾⁴⁾	Red	0	3SU1050-1HM20-0AA0		1	1 unit	41J
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Siemens, B, E9 ³⁾⁴⁾	Red	0	3SU1050-1HN20-0AA0		1	1 unit	41J
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¹⁾ Siemens, C lock (compatible with CES locks).

²⁾ S-10-CG (compatible with SSG10 lock).

³⁾ Siemens, B lock (compatible with BKS locks).

⁴⁾ VW locks are supplied without a key.

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Actuators and indicators, 22 mm, metal, shiny



Actuating and signaling elements > Toggle switches/Selector switches

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Number of switch positions	Number of command points	Color of actuating element	Operating principle of the actuating element	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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Toggle switches



3SU1050-3EA10-0AA0

2	1	Black	Latching	3SU1050-3EA10-0AA0		1	1 unit	41J
			Momentary contact, reset from above	3SU1050-3EC10-0AA0		1	1 unit	41J

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Version of actuating element	Operating principle	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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Selector switches

2 switch positions, can be illuminated



3SU1052-2BC20-0AA0

Selector, short black actuator	Momentary contact, 45° (10:30/12 o'clock), reset from center to left	Black Red Yellow Green Blue White	3SU1052-2BC10-0AA0 3SU1052-2BC20-0AA0 3SU1052-2BC30-0AA0 3SU1052-2BC40-0AA0 3SU1052-2BC50-0AA0 3SU1052-2BC60-0AA0		1 1 1 1 1 1	1 unit 1 unit 1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J 41J 41J
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3SU1052-2BF40-0AA0

	Latching, 90° (10:30/1:30 o'clock)	Amber Black Red Yellow Green Blue White	3SU1052-2BF00-0AA0 3SU1052-2BF10-0AA0 3SU1052-2BF20-0AA0 3SU1052-2BF30-0AA0 3SU1052-2BF40-0AA0 3SU1052-2BF50-0AA0 3SU1052-2BF60-0AA0		1 1 1 1 1 1 1	1 unit 1 unit 1 unit 1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J 41J 41J 41J
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3SU1052-2CF60-0AA0

Selector, long black actuator	Momentary contact, 45° (10:30/12 o'clock), reset from center to left	Black Yellow Green Blue White	3SU1052-2CC10-0AA0 3SU1052-2CC30-0AA0 3SU1052-2CC40-0AA0 3SU1052-2CC50-0AA0 3SU1052-2CC60-0AA0		1 1 1 1 1	1 unit 1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J 41J
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	Latching, 90° (10:30/1:30 o'clock)	Black Red Yellow Green Blue White	3SU1052-2CF10-0AA0 3SU1052-2CF20-0AA0 3SU1052-2CF30-0AA0 3SU1052-2CF40-0AA0 3SU1052-2CF50-0AA0 3SU1052-2CF60-0AA0		1 1 1 1 1 1	1 unit 1 unit 1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J 41J 41J
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Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Actuators and indicators, 22 mm, metal, shiny

Actuating and signaling elements > Selector switches

Multi-unit packaging,
see page 13/17.

Version of actuating element	Operating principle	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
3 switch positions, can be illuminated							
Selector, short black actuator 	Momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from left + right	Amber	3SU1052-2BM00-0AA0	1	1 unit	41J	
		Black	3SU1052-2BM10-0AA0	1	1 unit	41J	
		Red	3SU1052-2BM20-0AA0	1	1 unit	41J	
		Yellow	3SU1052-2BM30-0AA0	1	1 unit	41J	
		Green	3SU1052-2BM40-0AA0	1	1 unit	41J	
		Blue	3SU1052-2BM50-0AA0	1	1 unit	41J	
		White	3SU1052-2BM60-0AA0	1	1 unit	41J	
	Latching, 2x45° (10:30/12/1:30 o'clock)	Amber	3SU1052-2BL00-0AA0	1	1 unit	41J	
		Black	3SU1052-2BL10-0AA0	1	1 unit	41J	
		Red	3SU1052-2BL20-0AA0	1	1 unit	41J	
		Yellow	3SU1052-2BL30-0AA0	1	1 unit	41J	
		Green	3SU1052-2BL40-0AA0	1	1 unit	41J	
		White	3SU1052-2BL60-0AA0	1	1 unit	41J	
			Momentary contact/latching, 2x45° (10:30/12/1:30 o'clock), reset from the left, latching to the right	Black	3SU1052-2BP10-0AA0	1	1 unit
Red	3SU1052-2BP20-0AA0			1	1 unit	41J	
Green	3SU1052-2BP40-0AA0			1	1 unit	41J	
White	3SU1052-2BP60-0AA0			1	1 unit	41J	
	Latching/momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from the right, latching to the left	Black	3SU1052-2BN10-0AA0	1	1 unit	41J	
		Red	3SU1052-2BN20-0AA0	1	1 unit	41J	
		Green	3SU1052-2BN40-0AA0	1	1 unit	41J	
		White	3SU1052-2BN60-0AA0	1	1 unit	41J	
Selector, long black actuator 	Momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from left + right	Black	3SU1052-2CM10-0AA0	1	1 unit	41J	
		Red	3SU1052-2CM20-0AA0	1	1 unit	41J	
		Green	3SU1052-2CM40-0AA0	1	1 unit	41J	
		White	3SU1052-2CM60-0AA0	1	1 unit	41J	
	Latching, 2x45° (10:30/12/1:30 o'clock)	Black	3SU1052-2CL10-0AA0	1	1 unit	41J	
		Red	3SU1052-2CL20-0AA0	1	1 unit	41J	
		Green	3SU1052-2CL40-0AA0	1	1 unit	41J	
		White	3SU1052-2CL60-0AA0	1	1 unit	41J	
	Momentary contact/latching, 2x45° (10:30/12/1:30 o'clock), reset from the left, latching to the right	Black	3SU1052-2CP10-0AA0	1	1 unit	41J	
		Red	3SU1052-2CP20-0AA0	1	1 unit	41J	
		White	3SU1052-2CP60-0AA0	1	1 unit	41J	
			Latching/momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from the right, latching to the left	Black	3SU1052-2CN10-0AA0	1	1 unit
Red	3SU1052-2CN20-0AA0			1	1 unit	41J	
White	3SU1052-2CN60-0AA0			1	1 unit	41J	
	Latching, 2x45° (10:30/12/1:30 o'clock), lockable in O+I, with 2 padlocks or snap hooks, bracket diameter 5 mm			Black NEW	3SU1052-2GL10-0AA0	1	1 unit

Commanding and signaling devices
SIRIUS ACT pushbuttons and indicator lights
Actuators and indicators, 22 mm, metal, shiny



Actuating and signaling elements > Selector switches

Multi-unit packaging,
see page 13/17.

Version of actuating element	Operating principle	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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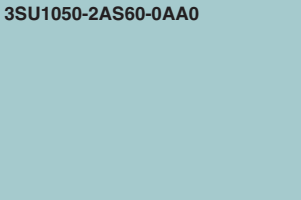
Selector switches (continued)



3SU1050-2AS60-0AA0

4 switch positions

Rotary knob Latching, 4x90°
(3/6/9/12 o'clock) White



1 1 unit 41J

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Operating principle	Make of lock	Switch position for key removal	Number of keys	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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Key-operated switches

2 switch positions



3SU1050-4BC01-0AA0

Momentary contact, 45°
(10:30/12 o'clock),
reset from center
to left



Latching, 90°
(10:30/1:30 o'clock)



3SU1050-4GF11-0AA0



3SU1050-5BF01-0AA0



3SU1050-5PF01-0AA0

Momentary contact, 45° (10:30/12 o'clock), reset from center to left	RONIS, SB30	O	2	3SU1050-4BC01-0AA0	1	1 unit	41J
	RONIS, 455	O	2	3SU1050-4CC01-0AA0	1	1 unit	41J
	O.M.R. 73037, red	O	2	3SU1050-4FC01-0AA0	1	1 unit	41J
	O.M.R. 73038, light blue	O	2	3SU1050-4GC01-0AA0	1	1 unit	41J
	O.M.R. 73034, black	O	2	3SU1050-4HC01-0AA0	1	1 unit	41J
	O.M.R. 73033, yellow	O	2	3SU1050-4JC01-0AA0	1	1 unit	41J
	Siemens, C, S-10-CG ¹⁾²⁾	O	2	3SU1050-5BC01-0AA0	1	1 unit	41J
	Siemens, C, LSG ¹⁾	O	2	3SU1050-5HC01-0AA0	1	1 unit	41J
	Siemens, C, VL5 ¹⁾	O	2	3SU1050-5KC01-0AA0	1	1 unit	41J
	Siemens, C, STGH10 ¹⁾	O	2	3SU1050-5LC01-0AA0	1	1 unit	41J
	Siemens, B, S1 ³⁾	O	2	3SU1050-5PC01-0AA0	1	1 unit	41J
Latching, 90° (10:30/1:30 o'clock)	RONIS, SB30	O	2	3SU1050-4BF01-0AA0	1	1 unit	41J
		O+I	2	3SU1050-4BF11-0AA0	1	1 unit	41J
		I	2	3SU1050-4BF21-0AA0	1	1 unit	41J
	RONIS, 455	O	2	3SU1050-4CF01-0AA0	1	1 unit	41J
		O+I	2	3SU1050-4CF11-0AA0	1	1 unit	41J
		I	2	3SU1050-4CF21-0AA0	1	1 unit	41J
	RONIS, 421	O+I	2	3SU1050-4DF11-0AA0	1	1 unit	41J
	O.M.R. 73037, red	O	2	3SU1050-4FF01-0AA0	1	1 unit	41J
		O+I	2	3SU1050-4FF11-0AA0	1	1 unit	41J
		I	2	3SU1050-4FF21-0AA0	1	1 unit	41J
	O.M.R. 73038, light blue	O	2	3SU1050-4GF01-0AA0	1	1 unit	41J
		O+I	2	3SU1050-4GF11-0AA0	1	1 unit	41J
		I	2	3SU1050-4GF21-0AA0	1	1 unit	41J
	O.M.R. 73034, black	O	2	3SU1050-4HF01-0AA0	1	1 unit	41J
		O+I	2	3SU1050-4HF11-0AA0	1	1 unit	41J
		I	2	3SU1050-4HF21-0AA0	1	1 unit	41J
	O.M.R. 73033, yellow	O	2	3SU1050-4JF01-0AA0	1	1 unit	41J
		O+I	2	3SU1050-4JF11-0AA0	1	1 unit	41J
		I	2	3SU1050-4JF21-0AA0	1	1 unit	41J
	Siemens, C, S-10-CG ¹⁾²⁾	O	2	3SU1050-5BF01-0AA0	1	1 unit	41J
		O+I	2	3SU1050-5BF11-0AA0	1	1 unit	41J
		I	2	3SU1050-5BF21-0AA0	1	1 unit	41J
	Siemens, C, S-10-CG ¹⁾²⁾ with key monitoring	O	2	3SU1050-5JF01-0AA0	1	1 unit	41J
	Siemens, C, LSG ¹⁾	O	2	3SU1050-5HF01-0AA0	1	1 unit	41J
		O+I	2	3SU1050-5HF11-0AA0	1	1 unit	41J
	Siemens, C, VL5 ¹⁾	O	2	3SU1050-5KF01-0AA0	1	1 unit	41J
	Siemens, C, STGH10 ¹⁾	O+I	2	3SU1050-5LF11-0AA0	1	1 unit	41J
	Siemens, B, S1 ³⁾	O	2	3SU1050-5PF01-0AA0	1	1 unit	41J
		O+I	2	3SU1050-5PF11-0AA0	1	1 unit	41J
		I	2	3SU1050-5PF21-0AA0	1	1 unit	41J
	Siemens, B, E1 ³⁾⁴⁾	O	0	3SU1050-5QF01-0AA0	1	1 unit	41J
		O+I	0	3SU1050-5QF11-0AA0	1	1 unit	41J
	Siemens, B, E2 ³⁾⁴⁾	O	0	3SU1050-5RF01-0AA0	1	1 unit	41J
		O+I	0	3SU1050-5RF11-0AA0	1	1 unit	41J
	Siemens, B, E7 ³⁾⁴⁾	O	0	3SU1050-5SF01-0AA0	1	1 unit	41J
		O+I	0	3SU1050-5SF11-0AA0	1	1 unit	41J
	Siemens, B, E9 ³⁾⁴⁾	O	0	3SU1050-5TF01-0AA0	1	1 unit	41J
		O+I	0	3SU1050-5TF11-0AA0	1	1 unit	41J

¹⁾ Siemens, C lock (compatible with CES locks).

²⁾ S-10-CG (compatible with SSG10 lock).

³⁾ Siemens, B lock (compatible with BKS locks).

⁴⁾ VW locks are supplied without a key.

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights
Actuators and indicators, 22 mm, metal, shiny



Actuating and signaling elements > Key-operated switches

Multi-unit packaging,
see page 13/17.

Operating principle	Make of lock	Switch position for key removal	Number of keys	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	
es									
3 switch positions									
	RONIS, SB30	O	2	3SU1050-4BM01-0AA0		1	1 unit	41J	
	RONIS, 455	O	2	3SU1050-4CM01-0AA0		1	1 unit	41J	
	O.M.R. 73034, black	O	2	3SU1050-4HM01-0AA0		1	1 unit	41J	
	Siemens, C, S-10-CG ¹⁾²⁾	O	2	3SU1050-5BM01-0AA0		1	1 unit	41J	
	Siemens, C, STGH10 ¹⁾	O	2	3SU1050-5LM01-0AA0		1	1 unit	41J	
	Siemens, B, S1 ³⁾	O	2	3SU1050-5PM01-0AA0		1	1 unit	41J	
	RONIS, SB30	O	2	3SU1050-4BL01-0AA0		1	1 unit	41J	
		I+O+II	2	3SU1050-4BL11-0AA0		1	1 unit	41J	
		I	2	3SU1050-4BL21-0AA0		1	1 unit	41J	
		II	2	3SU1050-4BL31-0AA0		1	1 unit	41J	
		I+II	2	3SU1050-4BL41-0AA0		1	1 unit	41J	
		O+I	2	3SU1050-4BL51-0AA0		1	1 unit	41J	
		RONIS, 455	O	2	3SU1050-4CL01-0AA0		1	1 unit	41J
			I+O+II	2	3SU1050-4CL11-0AA0		1	1 unit	41J
		RONIS, 421		2	3SU1050-4DL11-0AA0		1	1 unit	41J
		O.M.R. 73037, red	I+O+II	2	3SU1050-4FL11-0AA0		1	1 unit	41J
	O.M.R. 73038, light blue	O	2	3SU1050-4GL01-0AA0		1	1 unit	41J	
		I+O+III	2	3SU1050-4GL11-0AA0		1	1 unit	41J	
		O.M.R. 73034, black	O	2	3SU1050-4HL01-0AA0		1	1 unit	41J
			I+O+II	2	3SU1050-4HL11-0AA0		1	1 unit	41J
	Siemens, C, S-10-CG ¹⁾²⁾	O	2	3SU1050-5BL01-0AA0		1	1 unit	41J	
		I+O+II	2	3SU1050-5BL11-0AA0		1	1 unit	41J	
		I	2	3SU1050-5BL21-0AA0		1	1 unit	41J	
		II	2	3SU1050-5BL31-0AA0		1	1 unit	41J	
		I+II	2	3SU1050-5BL41-0AA0		1	1 unit	41J	
		Siemens, C, S-10-CG ¹⁾²⁾ with key monitoring	O	2	3SU1050-5JL01-0AA0		1	1 unit	41J
		Siemens, B, S1 ³⁾	O	2	3SU1050-5PL01-0AA0		1	1 unit	41J
			I+O+II	2	3SU1050-5PL11-0AA0		1	1 unit	41J
			I	2	3SU1050-5PL21-0AA0		1	1 unit	41J
			I+II	2	3SU1050-5PL41-0AA0		1	1 unit	41J
	RONIS, SB30	O	2	3SU1050-4BP01-0AA0		1	1 unit	41J	
		O+II	2	3SU1050-4BP61-0AA0		1	1 unit	41J	
	O.M.R. 73034, black	II	2	3SU1050-4HP31-0AA0		1	1 unit	41J	
	O.M.R. 73033, yellow	II	2	3SU1050-4JP31-0AA0		1	1 unit	41J	
	Siemens, C, S-10-CG ¹⁾²⁾	O	2	3SU1050-5BP01-0AA0		1	1 unit	41J	
		II	2	3SU1050-5BP31-0AA0		1	1 unit	41J	
		O+II	2	3SU1050-5BP61-0AA0		1	1 unit	41J	
	Siemens, B, S1 ³⁾	O	2	3SU1050-5PP01-0AA0		1	1 unit	41J	
	RONIS, SB30	O	2	3SU1050-4BN01-0AA0		1	1 unit	41J	
		I	2	3SU1050-4BN21-0AA0		1	1 unit	41J	
		O+I	2	3SU1050-4BN51-0AA0		1	1 unit	41J	
	Siemens, C, S-10-CG ¹⁾²⁾	O	2	3SU1050-5BN01-0AA0		1	1 unit	41J	
		I	2	3SU1050-5BN21-0AA0		1	1 unit	41J	
		O+I	2	3SU1050-5BN51-0AA0		1	1 unit	41J	
	Siemens, C, STGH10 ¹⁾	O+I	2	3SU1050-5LN51-0AA0		1	1 unit	41J	

¹⁾ Siemens, C lock (compatible with CES locks).

²⁾ S-10-CG (compatible with SSG10 lock).

³⁾ Siemens, B lock (compatible with BKS locks).

Actuating and signaling elements > ID key-operated switches/Coordinate switches/Indicator lights

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Actuating angle	Operating principle	Switch position for key removal	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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ID key-operated switch **NEW**



3SU1050-4WS10-0AA0

4 switch positions

45°	Latching	Key removal possible in all 4 positions	Black	3SU1050-4WS10-0AA0		1	1 unit	41J
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ID keys, see page 13/137.

Holders for ID key-operated switches, see page 13/77.

Electronic modules for ID key-operated switches, see page 13/91.

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Number of NO contacts (1 per direction)	Operating principle	Direction of actuation	Screw terminals	⊕	PU (UNIT, SET, M)	PS*	PG
Article No.	Price per PU						

Coordinate switches



3SU1050-7AC88-0AA0

Without mechanical interlock, 2 switch positions

2	Momentary contact	Horizontal	3SU1050-7AC88-0AA0	1	1 unit	41J
		Vertical	3SU1050-7AD88-0AA0	1	1 unit	41J
	Latching	Horizontal	3SU1050-7AA88-0AA0	1	1 unit	41J
		Vertical	3SU1050-7AB88-0AA0	1	1 unit	41J

Without mechanical interlock, 4 switch positions

4	Momentary contact	Horizontal/vertical	3SU1050-7AF88-0AA0	1	1 unit	41J
	Latching	Horizontal/vertical	3SU1050-7AE88-0AA0	1	1 unit	41J



3SU1050-7BC88-0AA0

With mechanical interlock, 2 switch positions

2	Momentary contact	Horizontal	3SU1050-7BC88-0AA0	1	1 unit	41J
		Vertical	3SU1050-7BD88-0AA0	1	1 unit	41J
	Latching	Horizontal	3SU1050-7BA88-0AA0	1	1 unit	41J
		Vertical	3SU1050-7BB88-0AA0	1	1 unit	41J

With mechanical interlock, 4 switch positions

4	Momentary contact	Horizontal/vertical	3SU1050-7BF88-0AA0	1	1 unit	41J
	Latching	Horizontal/vertical	3SU1050-7BE88-0AA0	1	1 unit	41J

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Product version	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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Indicator lights



3SU1051-6AA40-0AA0

With smooth lens

Amber	3SU1051-6AA00-0AA0	1	5 units	41J
Red	3SU1051-6AA20-0AA0	1	5 units	41J
Yellow	3SU1051-6AA30-0AA0	1	5 units	41J
Green	3SU1051-6AA40-0AA0	1	5 units	41J
Blue	3SU1051-6AA50-0AA0	1	5 units	41J
White	3SU1051-6AA60-0AA0	1	5 units	41J
Clear	3SU1051-6AA70-0AA0	1	5 units	41J

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights
Actuators and indicators, 22 mm, metal, shiny



Actuating and signaling elements > Sealing plugs, USB and RJ45 connections

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Mounting diameter	Material	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
mm							

Sealing plugs¹⁾



3SU1950-0FA80-0AA0

¹⁾ The sealing plug is mounted with a holder.
Modules might already be mounted on the holder.

22	Metal, shiny	Silver	3SU1950-0FA80-0AA0		1	5 units	41J
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Product version	Mounting diameter	Accessory material	Accessory color	Screw terminals		PU (UNIT, SET, M)	PS*	PG
	mm			Article No.	Price per PU			

USB connections



USB 3.0	22	Metal, shiny	Silver	3SU1950-0GA80-0AA0		1	1 unit	41J
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3SU1950-0GA80-0AA0

RJ45 connections

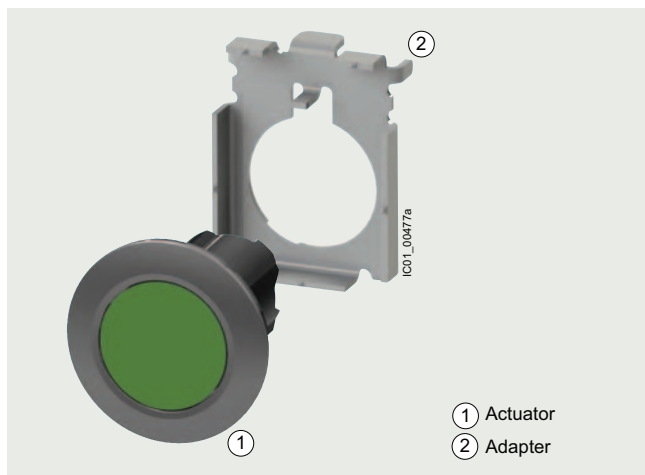


RJ-45 Cat. 5e	22	Metal, shiny	Silver	3SU1950-0GB80-0AA0		1	1 unit	41J
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3SU1950-0GB80-0AA0

Overview



Actuator and indicator, flat, 30 mm, metal, matte, including adapter (adapter included in scope of supply)

Selection and ordering data

Multi-unit packaging, see page 13/17.

Version	Operating principle	Unlatching method	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Pushbuttons								
 3SU1060-0JB50-0AA0	Pushbuttons with flat button	Momentary -- contact	Black	3SU1060-0JB10-0AA0		1	1 unit	41J
			Red	3SU1060-0JB20-0AA0		1	1 unit	41J
			Yellow	3SU1060-0JB30-0AA0		1	1 unit	41J
			Green	3SU1060-0JB40-0AA0		1	1 unit	41J
			Blue	3SU1060-0JB50-0AA0		1	1 unit	41J
			White	3SU1060-0JB60-0AA0		1	1 unit	41J
			Gray	3SU1060-0JB80-0AA0		1	10 units	41J
			Amber	3SU1060-0JB00-0AA0		1	1 unit	41J
 3SU1060-0JA20-0AA0	Latching	Push to unlatch	Black	3SU1060-0JA10-0AA0		1	1 unit	41J
			Red	3SU1060-0JA20-0AA0		1	1 unit	41J
			Yellow	3SU1060-0JA30-0AA0		1	1 unit	41J
			Green	3SU1060-0JA40-0AA0		1	1 unit	41J
			Blue	3SU1060-0JA50-0AA0		1	1 unit	41J
			White	3SU1060-0JA60-0AA0		1	1 unit	41J
 3SU1061-0JB40-0AA0	Illuminated pushbuttons with flat button	Momentary -- contact	Red	3SU1061-0JB20-0AA0		1	1 unit	41J
			Yellow	3SU1061-0JB30-0AA0		1	1 unit	41J
			Green	3SU1061-0JB40-0AA0		1	1 unit	41J
			Blue	3SU1061-0JB50-0AA0		1	1 unit	41J
			Clear	3SU1061-0JB70-0AA0		1	1 unit	41J
 3SU1061-0JA30-0AA0	Latching	Push to unlatch	Red	3SU1061-0JA20-0AA0		1	1 unit	41J
			Yellow	3SU1061-0JA30-0AA0		1	1 unit	41J
			Green	3SU1061-0JA40-0AA0		1	1 unit	41J
			Blue	3SU1061-0JA50-0AA0		1	1 unit	41J
			Clear	3SU1061-0JA70-0AA0		1	1 unit	41J

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Actuators and indicators, flat, 30 mm, metal, matte



Actuating and signaling elements > Selector switches

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Version	Operating principle	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Selector switches							
	2 switch positions, can be illuminated						
	Selector, short black actuator and front ring for flat mounting	Momentary contact, 45° (10:30/12 o'clock), reset from center to left	Black Red Green White	3SU1062-2DC10-0AA0 3SU1062-2DC20-0AA0 3SU1062-2DC40-0AA0 3SU1062-2DC60-0AA0	1 1 1 1	1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J
							
		Latching, 90° (10:30/1:30 o'clock)	Black Red Green Blue White	3SU1062-2DF10-0AA0 3SU1062-2DF20-0AA0 3SU1062-2DF40-0AA0 3SU1062-2DF50-0AA0 3SU1062-2DF60-0AA0	1 1 1 1 1	1 unit 1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J 41J
							
	2 switch positions, can be illuminated						
	Selector, long black actuator and front ring for flat mounting	Momentary contact, 45° (10:30/12 o'clock), reset from center to left	Black Red Green White	3SU1062-2EC10-0AA0 3SU1062-2EC20-0AA0 3SU1062-2EC40-0AA0 3SU1062-2EC60-0AA0	1 1 1 1	1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J
							
		Latching, 90° (10:30/1:30 o'clock)	Black Red Green White	3SU1062-2EF10-0AA0 3SU1062-2EF20-0AA0 3SU1062-2EF40-0AA0 3SU1062-2EF60-0AA0	1 1 1 1	1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J
							
	3 switch positions (I+O+II), can be illuminated						
	Selector, short black actuator and front ring for flat mounting	Momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from left + right	Black Red Green White	3SU1062-2DM10-0AA0 3SU1062-2DM20-0AA0 3SU1062-2DM40-0AA0 3SU1062-2DM60-0AA0	1 1 1 1	1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J
							
		Latching, 2x45° (10:30/12/1:30 o'clock)	Black Red Yellow Green White	3SU1062-2DL10-0AA0 3SU1062-2DL20-0AA0 3SU1062-2DL30-0AA0 3SU1062-2DL40-0AA0 3SU1062-2DL60-0AA0	1 1 1 1 1	1 unit 1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J 41J
							
	3 switch positions (I+O+II), can be illuminated						
	Selector, long black actuator and front ring for flat mounting	Momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from left + right	Black Red Green White	3SU1062-2EM10-0AA0 3SU1062-2EM20-0AA0 3SU1062-2EM40-0AA0 3SU1062-2EM60-0AA0	1 1 1 1	1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J
							
		Latching, 2x45° (10:30/12/1:30 o'clock)	Black Red Green White	3SU1062-2EL10-0AA0 3SU1062-2EL20-0AA0 3SU1062-2EL40-0AA0 3SU1062-2EL60-0AA0	1 1 1 1	1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J
							

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Make of lock	Operating principle	Switch position for key removal	Number of keys	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
--------------	---------------------	---------------------------------	----------------	-------------	--------------	-------------------	-----	----

Key-operated switches

2 switch positions



3SU1060-4LF11-0AA0

RONIS, SB30 and front ring for flat installation

Momentary contact, 45° (10:30/12 o'clock), reset from center to left



O

2

3SU1060-4LC01-0AA0

1

1 unit

41J

Latching, 90° (10:30/1:30 o'clock)



O

2

O+I

2

I

2

3SU1060-4LF01-0AA0

1

1 unit

41J

3SU1060-4LF11-0AA0

1

1 unit

41J

3SU1060-4LF21-0AA0

1

1 unit

41J

3 switch positions



3SU1060-4LL11-0AA0

RONIS, SB30 and front ring for flat installation

Latching, 2x45° (10:30/12/1:30 o'clock)



I+O+II

2

3SU1060-4LL11-0AA0

1

1 unit

41J

Momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from left + right



O

2

3SU1060-4LM01-0AA0

1

1 unit

41J

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Version	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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Indicator lights



3SU1061-0JD40-0AA0

With flat lens

Red
Yellow
Green
Blue
Clear

3SU1061-0JD20-0AA0

1

1 unit

41J

3SU1061-0JD30-0AA0

1

1 unit

41J

3SU1061-0JD40-0AA0

1

1 unit

41J

3SU1061-0JD50-0AA0

1

1 unit

41J

3SU1061-0JD70-0AA0

1

1 unit

41J

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Actuators and indicators, flat, 30 mm, metal, matte



Actuating and signaling elements > Sealing plugs, USB and RJ45 connections

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Mounting diameter	Material	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
mm							

Sealing plugs¹⁾



3SU1960-0FA80-0AA0

¹⁾ The sealing plug is mounted with a holder.
Modules might already be mounted on the holder.

30	Metal, matte	Sand gray	3SU1960-0FA80-0AA0		1	1 unit	41J
----	--------------	-----------	---------------------------	--	---	--------	-----

Product version	Mounting diameter	Accessory material	Accessory color	Screw terminals		PU (UNIT, SET, M)	PS*	PG
	mm							

USB connections



3SU1960-0GA80-0AA0



USB 3.0	30	Metal, matte	Sand gray	3SU1960-0GA80-0AA0		1	1 unit	41J
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RJ45 connections



3SU1960-0GB80-0AA0



RJ-45 Cat. 5e	30	Metal, matte	Sand gray	3SU1960-0GB80-0AA0		1	1 unit	41J
---------------	----	--------------	-----------	---------------------------	--	---	--------	-----

Options

Special locks for key-operated switches

The plastic and metal key-operated switches of type RONIS, Siemens, C (compatible with CES locks) and Siemens, B (compatible with BKS locks) can optionally be ordered with special locks in addition to the standard locks.

In this case **"-Z"**, the order code **"Y01"** and the required lock number must be added to the article number of the relevant key-operated switch for standard locking.

Order code	Y01
Standard delivery time	
Additional price per unit	
Ordering example	3SU1000-5BF01-0AA0-Z Y01 Z=S-18-CG (compatible with SSG18)

Ordering notes

- For all special locks, an additional price applies.
- The order code **"Y01"** must be quoted in accordance with the above table. Automated processing of the order with a defined delivery time can be guaranteed only for correctly submitted orders.
- For applications with a higher requirement for access security when using several different lock numbers, we recommend using locks of the Siemens, C (compatible with CES locks) and Siemens, B (compatible with BKS locks) types.
- Special locks for VW (E1, E2, ...) will be delivered without keys, all others with two keys.
- Available special locks
 - RONIS:
SB30, SB31, 421, 455
 - O.M.R.:
73038, 73037, 73034, 73033
 - Siemens, C (compatible with CES locks):
S-1-CG to S-100-CG (compatible with SSG1 to SSG100);
SMS1 to SMS100; LSG1;
BAZ1, BAZ6, BAZ8, BAZ11, BAZ20, BAZ27, BAZ30, BAZ34;
VL1, VL5; TAB501; STGH10; SSP9
 - Siemens, B (compatible with BKS locks):
S1 to S99; E1 to E25 (VW – without key);
G3751 (VW – without key)
 - For key-operated switches with key monitoring and Siemens, C locks, the above-mentioned S-1-CG to S-100-CG and BAZ locks can be used.
 - For Siemens, C locks VL1 and VL5, key removal is possible in O, I, II, O+I and O+II, respectively.

Note:

Mixing of the special locks listed above from different key-operated switch brands is not possible.

A RONIS key-operated switch cannot be combined with an S-10-CG lock (compatible with SSG10 lock), for example.

Master and master-pass key systems

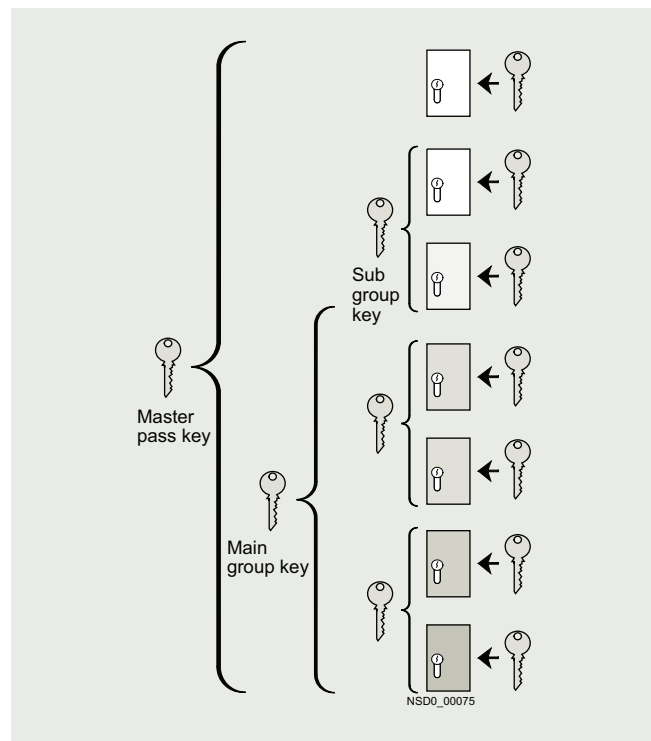
The following locking systems can be supplied with Siemens, C (compatible with CES locks) and Siemens, B (compatible with BKS locks) locks:

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

When placing an order you must supplement the article number of the matching key-operated switches with **"-Z"** and quote the order code **"Y03"**.

Price and delivery time on request.

Email: sirius-attach.aud@siemens.com



Example of master-pass key system

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights
Actuators and indicators, customized designs



Laser inscriptions

Options

Inscription of actuating and signaling elements

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



Example of laser inscription

The actuators of the pushbuttons, illuminated pushbuttons, twin pushbuttons, mushroom pushbuttons, illuminated mushroom pushbuttons, EMERGENCY-STOP mushroom pushbuttons (without lock), the lenses of the indicator lights, and the acoustic signaling devices can all be inscribed.

Version

The default typeface used for inscriptions with text is Arial and the text is centered.

The font height for illuminated actuators is 2.5 mm, for non-illuminated actuators 3 mm.

Notes:

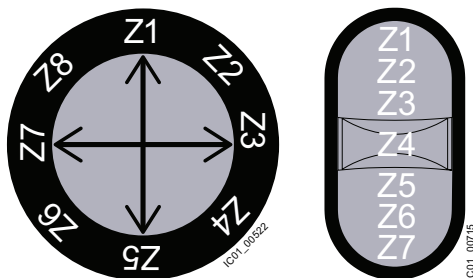
Selected pushbuttons and twin pushbuttons can be supplied as standard with inscribed letters or symbols.

Selector switches, key-operated switches and toggle switches can only be inscribed on the front ring in the design lines

- 22 mm, plastic, black and
- Flat, 30 mm, metal matte

(only one text line and the supplement Y19).

Assignment of the positions on the actuator



Front ring and twin pushbutton

Ordering notes

To order, the inscribed actuating and signaling elements can be selected via the SIRIUS ACT configurator. An electronic order form is then generated.

Configurator, see www.siemens.com/sirius-act/configurator.

When ordering, add **"-Z"** and one of the following order codes to the article number of the actuator element or the indicator light:

- **Y10:** Text in upper/lower case, always upper case for beginning of line, e.g. Z1=Lift Z2=Lower
- **Y11:** Text in upper case, e.g. Z1=LIFT Z2=LOWER
- **Y12:** Text in lower case, e.g. Z1=lift Z2=lower off
- **Y15:** Text in upper/lower case, all words begin with upper case letters, e.g. Z1=Lift Off Z2=Lower Off
- **Y13:** Symbol with number according to ISO 7000 or IEC 60417
- **Y19:** Inscription of choice, text or symbol, can only be ordered via SIRIUS ACT configurator with a Configuration Identification Number (CIN)

When ordering, specify the required inscription without umlauts (ä, ö, ü) and without spaces after Z=, Z1=, etc. in addition to the article number and order code (see ordering examples 1 to 3).

In the case of symbols, specify the symbol No. and the standard (see ordering example 2).

In the case of multi-line inscriptions, the text must be assigned to the respective line, e.g. Z1=Lift Z2=Lower (see ordering examples 1 and 3).

The SIRIUS ACT configurator must be used to select special inscriptions and symbols (see ordering example 4). In this case, a CIN (Configuration Identification Number) is generated for placement of future orders. It is then possible to place an order directly using the CIN and the SIRIUS ACT configurator (shopping cart in SiePortal) or via the standard ordering channels.

Standard ordering channels:

- Configurator: www.siemens.com/sirius-act/configurator
- SiePortal: www.siemens.com/sirius/mall

Ordering example 1

A round pushbutton with 2 lines of text is required:

3SU1000-0AB20-0AA0-Z

Y10

Z1=Lift
Z2=Lower

Ordering example 2

A pushbutton inscribed with symbol No. 5389 according to IEC 60417 is required:

3SU1000-0AB20-0AA0-Z

Y13

Z=5389 IEC

Ordering example 3

A selector switch with 2 switch positions and multi-line inscription on the front ring is required:

3SU1002-2BF10-0AA0-Z

Y11

Z8=0
Z2=1

Ordering example 4

An indicator light with customized inscription is required:

3SU1001-6AA50-0AA0-Z

Y19

CIN.....

(20-digit number generated from the SIRIUS ACT configurator)

Overview

- Plastic holders are mounted on actuators and indicators made of plastic (3SU100).
- Metal holders can be mounted on all versions of actuators and indicators, with the exception of ID key-operated switches.
- Universal holders can be mounted on actuators and indicators made of plastic or metal.
- All metal and universal holders are inherently grounded by their fastening screw. A grounding screw can also be fitted (see page 13/141).

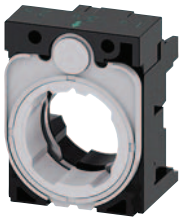
Selection and ordering data

Multi-unit packaging,
see page 13/17.

Version	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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Holders without module for plastic

3x without module



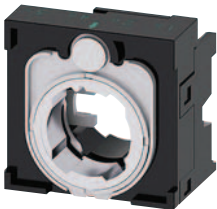
3SU1500-0AA10-0AA0

3SU1500-0AA10-0AA0

1 5 units 41J

4x without module

For selector switches with 4 switch positions and
for coordinate switches



3SU1500-0BA10-0AA0

3SU1500-0BA10-0AA0

1 1 unit 41J

Holders without module for metal

3x without module



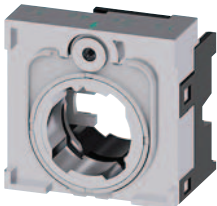
3SU1510-0AA10-0AA0

3SU1510-0AA10-0AA0

1 5 units 41J

4x without module

For selector switches with 4 switch positions and
for coordinate switches



3SU1550-0BA10-0AA0

3SU1550-0BA10-0AA0

1 1 unit 41J

Holders without module, universal for plastic and metal

3x without module



3SU1550-0AA10-0AA0

3SU1550-0AA10-0AA0

1 5 units 41J

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Holders



Holders with module

Overview

- Plastic holders are mounted on actuators and indicators made of plastic (3SU100).
- Metal holders can be mounted on all versions of actuators and indicators, with the exception of ID key-operated switches.
- Universal holders can be mounted on actuators and indicators made of plastic or metal.
- All metal and universal holders are inherently grounded by their fastening screw. A grounding screw can also be fitted (see page 13/141).

Selection and ordering data

Number of					Color of light source	Screw terminals			PU (UNIT, SET, M)	PS*	PG
contact modules	LED modules	NO contacts	NC contacts								
						Article No.	Price per PU				
Holders with module for plastic											
	3x with module										
	1	0	1	0	--		3SU1500-1AA10-1BA0	1	1 unit	41J	
			0	1	→	3SU1500-1AA10-1CA0	1	1 unit	41J		
			1	1	→	3SU1500-1AA10-1FA0	1	1 unit	41J		
	2	0	2	0	--		3SU1500-1AA10-1NA0	1	1 unit	41J	
			0	2	→	3SU1500-1AA10-1PA0	1	1 unit	41J		
2			2	→	3SU1500-1AA10-1LA0	1	1 unit	41J			
	3x with contact and LED module ¹⁾ (6 ... 24 V AC/DC)										
	1	1	1	0	Amber		3SU1501-1AG00-1BA0	1	1 unit	41J	
					Red		3SU1501-1AG20-1BA0	1	1 unit	41J	
					Yellow		3SU1501-1AG30-1BA0	1	1 unit	41J	
					Green		3SU1501-1AG40-1BA0	1	1 unit	41J	
					Blue		3SU1501-1AG50-1BA0	1	1 unit	41J	
					White		3SU1501-1AG60-1BA0	1	1 unit	41J	
					→						
	0	1	1	0	Amber	→	3SU1501-1AG00-1CA0	1	1 unit	41J	
					Red	→	3SU1501-1AG20-1CA0	1	1 unit	41J	
					Yellow	→	3SU1501-1AG30-1CA0	1	1 unit	41J	
					Green	→	3SU1501-1AG40-1CA0	1	1 unit	41J	
					Blue	→	3SU1501-1AG50-1CA0	1	1 unit	41J	
					White	→	3SU1501-1AG60-1CA0	1	1 unit	41J	
					→						
	1	1	1	1	Amber	→	3SU1501-1AG00-1FA0	1	1 unit	41J	
					Red	→	3SU1501-1AG20-1FA0	1	1 unit	41J	
					Yellow	→	3SU1501-1AG30-1FA0	1	1 unit	41J	
					Green	→	3SU1501-1AG40-1FA0	1	1 unit	41J	
					Blue	→	3SU1501-1AG50-1FA0	1	1 unit	41J	
					White	→	3SU1501-1AG60-1FA0	1	1 unit	41J	
					→						
	2	1	2	0	Amber		3SU1501-1AG00-1NA0	1	1 unit	41J	
					Red		3SU1501-1AG20-1NA0	1	1 unit	41J	
Yellow						3SU1501-1AG30-1NA0	1	1 unit	41J		
Green						3SU1501-1AG40-1NA0	1	1 unit	41J		
Blue						3SU1501-1AG50-1NA0	1	1 unit	41J		
White						3SU1501-1AG60-1NA0	1	1 unit	41J		
→											
2	2	2	2	Amber	→	3SU1501-1AG00-1LA0	1	1 unit	41J		
				Red	→	3SU1501-1AG20-1LA0	1	1 unit	41J		
				Yellow	→	3SU1501-1AG30-1LA0	1	1 unit	41J		
				Green	→	3SU1501-1AG40-1LA0	1	1 unit	41J		
				Blue	→	3SU1501-1AG50-1LA0	1	1 unit	41J		
				White	→	3SU1501-1AG60-1LA0	1	1 unit	41J		
				→							



3SU1500-1AA10-1BA0



3SU1501-1AG20-1CA0



3SU1501-1AG20-1LA0

→ Positive opening according to IEC 60947-5-1, Annex K.
Can be used with 3SK safety relays, see page 11/1 onwards.
Certificate:

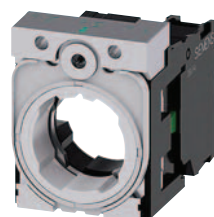


¹⁾ Only for use with SIRIUS commanding and signaling devices.

Holders with module

Number of contact modules	LED modules	NO contacts	NC contacts	Color of light source	Screw terminals	PU (UNIT, SET, M)	PS*	PG
					Article No.	Price per PU		

Holders with module for metal



3SU1510-1AA10-1BA0

3x with module

1	0	1	0	--	→	3SU1510-1AA10-1BA0	1	1 unit	41J
		0	1	--	→	3SU1510-1AA10-1CA0	1	1 unit	41J
		1	1	--	→	3SU1510-1AA10-1FA0	1	1 unit	41J
2	0	2	0	--	→	3SU1510-1AA10-1NA0	1	1 unit	41J
		0	2	--	→	3SU1510-1AA10-1PA0	1	1 unit	41J
		2	2	--	→	3SU1510-1AA10-1LA0	1	1 unit	41J

Spring-loaded terminals



2	0	2	0	--	→	3SU1510-1AA10-3NA0	1	1 unit	41J
		1	1	--	→	3SU1510-1AA10-3MA0	1	1 unit	41J

3x with module and LED module (24 V AC/DC)

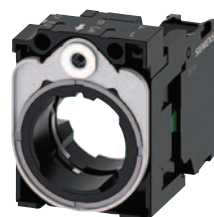
0	1	0	0	Red		3SU1511-1AB20-3AA0	1	1 unit	41J
2	1	1	1	Red	→	3SU1511-1AB20-3MA0	1	1 unit	41J
				Yellow	→	3SU1511-1AB30-3MA0	1	1 unit	41J
				Green	→	3SU1511-1AB40-3MA0	1	1 unit	41J
				Blue	→	3SU1511-1AB50-3MA0	1	1 unit	41J
				White	→	3SU1511-1AB60-3MA0	1	1 unit	41J
		2	0	White		3SU1511-1AB60-3NA0	1	1 unit	41J
		0	2	White	→	3SU1511-1AB60-3PA0	1	1 unit	41J

→ Positive opening according to IEC 60947-5-1, Annex K.
Can be used with 3SK safety relays, [see page 11/1 onwards](#).
Certificate:



Number of contact modules	LED modules	NO contacts	NC contacts	Color of light source	Screw terminals	PU (UNIT, SET, M)	PS*	PG
					Article No.	Price per PU		

Holders with module, universal for plastic and metal



3SU1550-1AA10-1BA0

3x with module

1	0	1	0	--	→	3SU1550-1AA10-1BA0	1	1 unit	41J
		0	1	--	→	3SU1550-1AA10-1CA0	1	1 unit	41J
		1	1	--	→	3SU1550-1AA10-1FA0	1	1 unit	41J
2	0	2	0	--	→	3SU1550-1AA10-1NA0	1	1 unit	41J
		0	2	--	→	3SU1550-1AA10-1PA0	1	1 unit	41J
		2	2	--	→	3SU1550-1AA10-1LA0	1	1 unit	41J

Spring-loaded terminals



2	0	2	0	--	→	3SU1550-1AA10-3NA0	1	1 unit	41J
		1	1	--	→	3SU1550-1AA10-3MA0	1	1 unit	41J

3x with module and LED module (24 V AC/DC)

0	1	0	0	Red		3SU1551-1AB20-3AA0	1	1 unit	41J
2	1	1	1	Red	→	3SU1551-1AB20-3MA0	1	1 unit	41J
				Yellow	→	3SU1551-1AB30-3MA0	1	1 unit	41J
				Green	→	3SU1551-1AB40-3MA0	1	1 unit	41J
				Blue	→	3SU1551-1AB50-3MA0	1	1 unit	41J
				White	→	3SU1551-1AB60-3MA0	1	1 unit	41J
		2	0	White		3SU1551-1AB60-3NA0	1	1 unit	41J
		0	2	White	→	3SU1551-1AB60-3PA0	1	1 unit	41J

→ Positive opening according to IEC 60947-5-1, Annex K.
Can be used with 3SK safety relays, [see page 11/1 onwards](#).
Certificate:



Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Modules



Contact modules

Overview

The contact modules are fitted with slow-action contacts (NO contacts or NC contacts). These ensure a high contact reliability even with small voltages and currents, such as 5 V/1 mA. They are suitable for use in electronic as well as conventional controls. The contact pieces of the NC contacts are positively driven.

Mounting system

- Front plate mounting:
The contact modules are mounted on the rear face of a holder.
- Base mounting:
The contact modules are used in the 3SU18 enclosures and are snapped into the lower part of the enclosure.

Connection methods

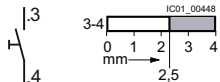
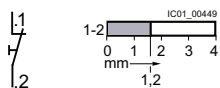
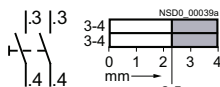
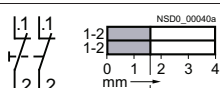
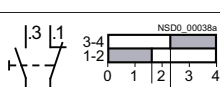
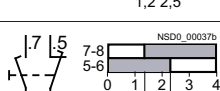
The contact modules are available with:

- Screw terminals
- Spring-loaded terminals
- Socket terminals (THT) for PCB mounting

The terminal designations of the contact modules comply with EN 50013.

Selection and ordering data

Multi-unit packaging,
see page 13/17.

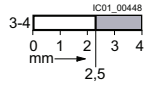
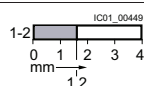
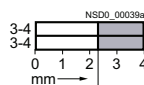
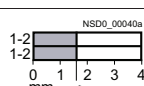
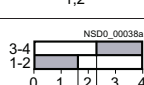
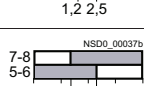
Contact version	Number of			Screw terminals		PU (UNIT, SET, M)	PS*	PG
	NO con- tacts	NC con- tacts						
for front plate mounting								
Silver alloy	1	0		3SU1400-1AA10-1BA0		1	5 units	41J
	0	1		3SU1400-1AA10-1CA0		1	5 units	41J
	0	1 with installation supervision ¹⁾		3SU1400-1AA10-1HA0		1	1 unit	41J
	2	0		3SU1400-1AA10-1DA0		1	1 unit	41J
	0	2		3SU1400-1AA10-1EA0		1	1 unit	41J
	1	1		3SU1400-1AA10-1FA0		1	1 unit	41J
1 leading switching	1 lagging switching			3SU1400-1AA10-1GA0		1	1 unit	41J

➔ Positive opening according to IEC 60947-5-1, Annex K.
Can be used with 3SK safety relays, see page 11/1 onwards.
Certificate:



¹⁾ The contact module has 1 NO internal contact + 1 NC internal contact. The NO contact is connected in series with the NC contact and brought out at terminal 1-2. When the module is snapped onto the holder, the NO contact closes. It opens when the module is detached from the holder again (the NC contact remains closed). The NC contact opens when the EMERGENCY-STOP device is actuated (the NO contact remains closed). The contact is closed only when both the NC and NO contacts are closed.
Only suitable for installation in 3SU18 enclosure with one command point and in connection with the adapter 3SU1900-0JF10-0AA0.

Multi-unit packaging,
see page 13/17.

Contact version	Number of			Screw terminals		PU (UNIT, SET, M)	PS*	PG
	NO con- tacts	NC con- tacts						
Front plate mounting (continued)				Article No.	Price per PU			
Gold-plated	1	0			3SU1400-1AA10-1LA0	1	1 unit	41J
	0	1			3SU1400-1AA10-1MA0	1	1 unit	41J
	2	0			3SU1400-1AA10-1NA0	1	1 unit	41J
	0	2			3SU1400-1AA10-1PA0	1	1 unit	41J
	1	1			3SU1400-1AA10-1QA0	1	1 unit	41J
	1 leading	1 lagging			3SU1400-1AA10-1RA0	1	1 unit	41J

 Positive opening according to IEC 60947-5-1, Annex K.
Can be used with 3SK safety relays, see page 11/1 onwards.
Certificate:



Commanding and signaling devices

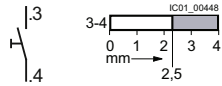
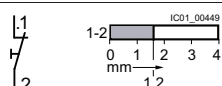
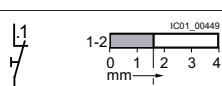
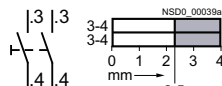
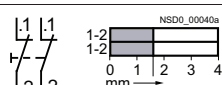
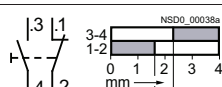
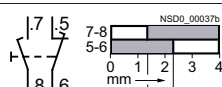
SIRIUS ACT pushbuttons and indicator lights

Modules



Contact modules

Multi-unit packaging,
see page 13/17.

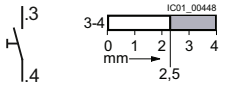
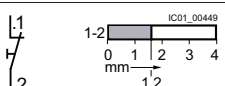
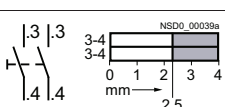
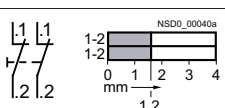
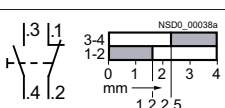
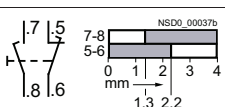
Contact version	Number of			Spring-loaded terminals	PU (UNIT, SET, M)	PS*	PG		
	NO con- tacts	NC con- tacts							
Article No.								Price per PU	
for front plate mounting (continued)									
Silver alloy	1	0		3SU1400-1AA10-3BA0	1	5 units	41J		
	0	1		3SU1400-1AA10-3CA0	1	5 units	41J		
	0	1 with installa- tion super- vision ¹⁾		3SU1400-1AA10-3HA0	1	1 unit	41J		
	2	0		3SU1400-1AA10-3DA0	1	1 unit	41J		
	0	2		3SU1400-1AA10-3EA0	1	1 unit	41J		
	1	1		3SU1400-1AA10-3FA0	1	1 unit	41J		
1 leading	1 lagging			3SU1400-1AA10-3GA0	1	1 unit	41J		

➔ Positive opening according to IEC 60947-5-1, Annex K.
Can be used with 3SK safety relays, see page 11/1 onwards.
Certificate:



¹⁾ The contact module has 1 NO internal contact + 1 NC internal contact. The NO contact is connected in series with the NC contact and brought out at terminal 1-2. When the module is snapped onto the holder, the NO contact closes. It opens when the module is detached from the holder again (the NC contact remains closed). The NC contact opens when the EMERGENCY-STOP device is actuated (the NO contact remains closed). The contact is closed only when both the NC and NO contacts are closed.
Only suitable for installation in 3SU18 enclosure with one command point and in connection with the adapter 3SU1900-0JF10-0AA0.

Multi-unit packaging,
see page 13/17.

Contact version	Number of			Spring-loaded terminals	PU (UNIT, SET, M)	PS*	PG		
	NO con- tacts	NC con- tacts							
Article No.								Price per PU	
r front plate mounting (continued)									
Gold-plated	1	0		3SU1400-1AA10-3LA0	1	1 unit	41J		
	0	1		3SU1400-1AA10-3MA0	1	1 unit	41J		
	2	0		3SU1400-1AA10-3NA0	1	1 unit	41J		
	0	2		3SU1400-1AA10-3PA0	1	1 unit	41J		
	1	1		3SU1400-1AA10-3QA0	1	1 unit	41J		
1 leading 1 lagging				3SU1400-1AA10-3RA0	1	1 unit	41J		

⊕ Positive opening according to IEC 60947-5-1, Annex K.
Can be used with 3SK safety relays, see page 11/1 onwards.
Certificate:



Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Modules



Contact modules

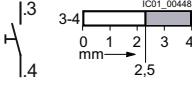
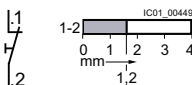
Multi-unit packaging,
see page 13/17.

Contact version	Number of			Screw terminals	PU (UNIT, SET, M)	PS*	PG
	NO con- tacts	NC con- tacts					
r base mounting							
Silver alloy	1	0		3SU1400-2AA10-1BA0	1	5 units	41J
	0	1					
Gold-plated	1	0		3SU1400-2AA10-1LA0	1	1 unit	41J
	0	1					
				Spring-loaded terminals			
Silver alloy	1	0		3SU1400-2AA10-3BA0	1	5 units	41J
	0	1					
Gold-plated	1	0		3SU1400-2AA10-3LA0	1	1 unit	41J

⊕ Positive opening according to IEC 60947-5-1, Annex K.
Can be used with 3SK safety relays, see page 11/1 onwards.
Certificate:



Multi-unit packaging,
see page 13/17.

Contact version	Number of			Socket terminals (THT)		PU (UNIT, SET, M)	PS*	PG
	NO con- tacts	NC con- tacts						
Contact modules for mounting on printed circuit boards								
Silver alloy	1	0		3SU1400-3AA10-5BA0		1	1 unit	41J
	0	1		3SU1400-3AA10-5CA0		1	1 unit	41J

⊕ Positive opening according to IEC 60947-5-1, Annex K.
Can be used with 3SK safety relays, see page 11/1 onwards.
Certificate:



Overview

LED modules

The commanding and signaling devices can be illuminated via LED modules with integrated LEDs.

Mounting system

- Front plate mounting:
The LED modules are mounted on the rear face of a holder in the center position.
- Base mounting:
The LED modules are used in the 3SU18 enclosures and are snapped into the lower part of the enclosure.

Connection methods

The LED modules are available with:

- Screw terminals
- Spring-loaded terminals
- Socket terminals (THT) for PCB mounting

The terminal designations of the LED modules comply with EN 50013.

LED test modules

The LED test modules are used to test the LED modules (AC/DC versions). One LED module is connected to each test module for testing, [see page 13/88](#).

Selection and ordering data

Multi-unit packaging, see page 13/17.

Multi-unit packaging, see page 13/17.	Operational voltage at AC	Operational voltage at DC	Color	Screw terminals		PU (UNIT, SET, M)	PS*	PG
	V	V		Article No.	Price per PU			
LED modules ¹⁾ for front plate mounting								
 3SU1401-1BB30-1AA0	24	24	Amber	3SU1401-1BB00-1AA0		1	5 units	41J
			Red	3SU1401-1BB20-1AA0		1	5 units	41J
			Yellow	3SU1401-1BB30-1AA0		1	5 units	41J
			Green	3SU1401-1BB40-1AA0		1	5 units	41J
			Blue	3SU1401-1BB50-1AA0		1	5 units	41J
			White	3SU1401-1BB60-1AA0		1	5 units	41J
			Red/yellow/ green ²⁾	3SU1401-1BB24-1AA0		1	1 unit	41J
	110	--	Amber	3SU1401-1BC00-1AA0		1	1 unit	41J
			Red	3SU1401-1BC20-1AA0		1	1 unit	41J
			Yellow	3SU1401-1BC30-1AA0		1	1 unit	41J
		Green	3SU1401-1BC40-1AA0		1	1 unit	41J	
		Blue	3SU1401-1BC50-1AA0		1	1 unit	41J	
		White	3SU1401-1BC60-1AA0		1	1 unit	41J	
		Red/yellow/ green ²⁾	3SU1401-1BC24-1AA0		1	1 unit	41J	
	230	--	Amber	3SU1401-1BF00-1AA0		1	1 unit	41J
		Red	3SU1401-1BF20-1AA0		1	1 unit	41J	
		Yellow	3SU1401-1BF30-1AA0		1	1 unit	41J	
		Green	3SU1401-1BF40-1AA0		1	1 unit	41J	
		Blue	3SU1401-1BF50-1AA0		1	1 unit	41J	
		White	3SU1401-1BF60-1AA0		1	1 unit	41J	
		Red/yellow/ green ²⁾	3SU1401-1BF24-1AA0		1	1 unit	41J	
	6 ... 24	6 ... 24	Amber	3SU1401-1BG00-1AA0		1	1 unit	41J
		Red	3SU1401-1BG20-1AA0		1	1 unit	41J	
		Yellow	3SU1401-1BG30-1AA0		1	1 unit	41J	
		Green	3SU1401-1BG40-1AA0		1	1 unit	41J	
		Blue	3SU1401-1BG50-1AA0		1	1 unit	41J	
		White	3SU1401-1BG60-1AA0		1	1 unit	41J	
		Red/yellow/ green ²⁾	3SU1401-1BG24-1AA0		1	1 unit	41J	
	24 ... 240	24 ... 240	Amber	3SU1401-1BH00-1AA0		1	1 unit	41J
		Red	3SU1401-1BH20-1AA0		1	1 unit	41J	
		Yellow	3SU1401-1BH30-1AA0		1	1 unit	41J	
		Green	3SU1401-1BH40-1AA0		1	1 unit	41J	
		Blue	3SU1401-1BH50-1AA0		1	1 unit	41J	
		White	3SU1401-1BH60-1AA0		1	1 unit	41J	

¹⁾ Only for use with SIRIUS commanding and signaling devices.

²⁾ When the LED module is installed in a 3SU18 enclosure, this can only be done in an enclosure with a 3SU18.1 command point and in conjunction with the 3SU1900-0JF10-0AA0 adapter between the upper and lower parts of the enclosure.

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Modules



LED modules

Multi-unit packaging,
see page 13/17.

Operational voltage at AC	Operational voltage at DC	Color	Spring-loaded terminals	PU (UNIT, SET, M)	PS*	PG
V	V		Article No.	Price per PU		
LED modules¹⁾ for front plate mounting (continued)						
24	24	Amber	3SU1401-1BB00-3AA0	1	5 units	41J
		Red	3SU1401-1BB20-3AA0	1	5 units	41J
		Yellow	3SU1401-1BB30-3AA0	1	5 units	41J
		Green	3SU1401-1BB40-3AA0	1	5 units	41J
		Blue	3SU1401-1BB50-3AA0	1	5 units	41J
		White	3SU1401-1BB60-3AA0	1	5 units	41J
		Red/yellow/green	3SU1401-1BB24-3AA0	1	1 unit	41J
110	--	Amber	3SU1401-1BC00-3AA0	1	1 unit	41J
		Red	3SU1401-1BC20-3AA0	1	1 unit	41J
		Yellow	3SU1401-1BC30-3AA0	1	1 unit	41J
		Green	3SU1401-1BC40-3AA0	1	1 unit	41J
		Blue	3SU1401-1BC50-3AA0	1	1 unit	41J
		White	3SU1401-1BC60-3AA0	1	1 unit	41J
		Red/yellow/green	3SU1401-1BC24-3AA0	1	1 unit	41J
230	--	Amber	3SU1401-1BF00-3AA0	1	1 unit	41J
		Red	3SU1401-1BF20-3AA0	1	1 unit	41J
		Yellow	3SU1401-1BF30-3AA0	1	1 unit	41J
		Green	3SU1401-1BF40-3AA0	1	1 unit	41J
		Blue	3SU1401-1BF50-3AA0	1	1 unit	41J
		White	3SU1401-1BF60-3AA0	1	1 unit	41J
		Red/yellow/green	3SU1401-1BF24-3AA0	1	1 unit	41J
6 ... 24	6 ... 24	Amber	3SU1401-1BG00-3AA0	1	1 unit	41J
		Red	3SU1401-1BG20-3AA0	1	1 unit	41J
		Yellow	3SU1401-1BG30-3AA0	1	1 unit	41J
		Green	3SU1401-1BG40-3AA0	1	1 unit	41J
		Blue	3SU1401-1BG50-3AA0	1	1 unit	41J
		White	3SU1401-1BG60-3AA0	1	1 unit	41J
		Red/yellow/green	3SU1401-1BG24-3AA0	1	1 unit	41J
24 ... 240	24 ... 240	Amber	3SU1401-1BH00-3AA0	1	1 unit	41J
		Red	3SU1401-1BH20-3AA0	1	1 unit	41J
		Yellow	3SU1401-1BH30-3AA0	1	1 unit	41J
		Green	3SU1401-1BH40-3AA0	1	1 unit	41J
		Blue	3SU1401-1BH50-3AA0	1	1 unit	41J
		White	3SU1401-1BH60-3AA0	1	1 unit	41J

¹⁾ Only for use with SIRIUS commanding and signaling devices.

Multi-unit packaging,
see page 13/17.

Operational voltage at AC	Operational voltage at DC	Color	Screw terminals	PU (UNIT, SET, M)	PS*	PG
V	V		Article No.	Price per PU		
LED modules for front plate mounting: ATEX Zone 1-2: Intrinsic safety						
24	24	Amber	3SU1401-1BB00-1AA2	1	1 unit	41J
		Red	3SU1401-1BB20-1AA2	1	1 unit	41J
		Yellow	3SU1401-1BB30-1AA2	1	1 unit	41J
		Green	3SU1401-1BB40-1AA2	1	1 unit	41J
		Blue	3SU1401-1BB50-1AA2	1	1 unit	41J
		White	3SU1401-1BB60-1AA2	1	1 unit	41J
24	24	Amber	3SU1401-1BB00-3AA2	1	1 unit	41J
		Red	3SU1401-1BB20-3AA2	1	1 unit	41J
		Yellow	3SU1401-1BB30-3AA2	1	1 unit	41J
		Green	3SU1401-1BB40-3AA2	1	1 unit	41J
		Blue	3SU1401-1BB50-3AA2	1	1 unit	41J
		White	3SU1401-1BB60-3AA2	1	1 unit	41J

3SU1401-1BB00-1AA2

3SU1401-1BB20-3AA2

Multi-unit packaging,
see page 13/17.

LED modules¹⁾ for base mounting

3SU1401-2BB60-1AA0



3SU1401-2BB20-3AA0

Operational voltage at AC	Operational voltage at DC	Color	Screw terminals	PU (UNIT, SET, M)	PS*	PG
V	V		Article No. Price per PU			
LED modules¹⁾ for base mounting						
24	24	Amber Red Yellow Green Blue White	3SU1401-2BB00-1AA0 3SU1401-2BB20-1AA0 3SU1401-2BB30-1AA0 3SU1401-2BB40-1AA0 3SU1401-2BB50-1AA0 3SU1401-2BB60-1AA0	1 1 1 1 1 1	5 units 5 units 5 units 5 units 5 units 5 units	41J 41J 41J 41J 41J 41J
110	--	Amber Red Yellow Green Blue White	3SU1401-2BC00-1AA0 3SU1401-2BC20-1AA0 3SU1401-2BC30-1AA0 3SU1401-2BC40-1AA0 3SU1401-2BC50-1AA0 3SU1401-2BC60-1AA0	1 1 1 1 1 1	1 unit 1 unit 1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J 41J 41J
230	--	Amber Red Yellow Green Blue White	3SU1401-2BF00-1AA0 3SU1401-2BF20-1AA0 3SU1401-2BF30-1AA0 3SU1401-2BF40-1AA0 3SU1401-2BF50-1AA0 3SU1401-2BF60-1AA0	1 1 1 1 1 1	1 unit 1 unit 1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J 41J 41J
6 ... 24	6 ... 24	Amber Red Yellow Green Blue White	3SU1401-2BG00-1AA0 3SU1401-2BG20-1AA0 3SU1401-2BG30-1AA0 3SU1401-2BG40-1AA0 3SU1401-2BG50-1AA0 3SU1401-2BG60-1AA0	1 1 1 1 1 1	1 unit 1 unit 1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J 41J 41J
24 ... 240	24 ... 240	Amber Red Yellow Green Blue White	3SU1401-2BH00-1AA0 3SU1401-2BH20-1AA0 3SU1401-2BH30-1AA0 3SU1401-2BH40-1AA0 3SU1401-2BH50-1AA0 3SU1401-2BH60-1AA0	1 1 1 1 1 1	1 unit 1 unit 1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J 41J 41J
Spring-loaded terminals						
24	24	Amber Red Yellow Green Blue White	3SU1401-2BB00-3AA0 3SU1401-2BB20-3AA0 3SU1401-2BB30-3AA0 3SU1401-2BB40-3AA0 3SU1401-2BB50-3AA0 3SU1401-2BB60-3AA0	1 1 1 1 1 1	5 units 5 units 5 units 5 units 5 units 5 units	41J 41J 41J 41J 41J 41J
110	--	Amber Red Yellow Green Blue White	3SU1401-2BC00-3AA0 3SU1401-2BC20-3AA0 3SU1401-2BC30-3AA0 3SU1401-2BC40-3AA0 3SU1401-2BC50-3AA0 3SU1401-2BC60-3AA0	1 1 1 1 1 1	1 unit 1 unit 1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J 41J 41J
230	--	Amber Red Yellow Green Blue White	3SU1401-2BF00-3AA0 3SU1401-2BF20-3AA0 3SU1401-2BF30-3AA0 3SU1401-2BF40-3AA0 3SU1401-2BF50-3AA0 3SU1401-2BF60-3AA0	1 1 1 1 1 1	1 unit 1 unit 1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J 41J 41J
6 ... 24	6 ... 24	Amber Red Yellow Green Blue White	3SU1401-2BG00-3AA0 3SU1401-2BG20-3AA0 3SU1401-2BG30-3AA0 3SU1401-2BG40-3AA0 3SU1401-2BG50-3AA0 3SU1401-2BG60-3AA0	1 1 1 1 1 1	1 unit 1 unit 1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J 41J 41J
24 ... 240	24 ... 240	Amber Red Yellow Green Blue White	3SU1401-2BH00-3AA0 3SU1401-2BH20-3AA0 3SU1401-2BH30-3AA0 3SU1401-2BH40-3AA0 3SU1401-2BH50-3AA0 3SU1401-2BH60-3AA0	1 1 1 1 1 1	1 unit 1 unit 1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J 41J 41J

¹⁾ Only for use with SIRIUS commanding and signaling devices.

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Modules



LED modules

Multi-unit packaging,
see page 13/17.

Operational voltage at AC	Operational voltage at DC	Color	Screw terminals	PU (UNIT, SET, M)	PS*	PG
V	V		Article No. Price per PU			

LED modules for base mounting: ATEX Zone 1-2: Intrinsic safety



3SU1401-2BB00-1AA2

24	24	Amber Red Yellow Green Blue White	3SU1401-2BB00-1AA2 3SU1401-2BB20-1AA2 3SU1401-2BB30-1AA2 3SU1401-2BB40-1AA2 3SU1401-2BB50-1AA2 3SU1401-2BB60-1AA2	1 1 1 1 1 1	1 unit 1 unit 1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J 41J 41J
----	----	--	--	----------------------------	--	--



3SU1401-2BB00-3AA2

24	24	Amber Red Yellow Green Blue White	3SU1401-2BB00-3AA2 3SU1401-2BB20-3AA2 3SU1401-2BB30-3AA2 3SU1401-2BB40-3AA2 3SU1401-2BB50-3AA2 3SU1401-2BB60-3AA2	1 1 1 1 1 1	1 unit 1 unit 1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J 41J 41J
----	----	--	--	----------------------------	--	--

Multi-unit packaging,
see page 13/17.

Operational voltage at AC	Operational voltage at DC	Color	Socket terminals (THT)	PU (UNIT, SET, M)	PS*	PG
V	V		Article No. Price per PU			

LED modules¹⁾ for mounting on printed circuit boards



3SU1401-3BA20-5AA0

--	5	Amber Red Yellow Green Blue White	3SU1401-3BA00-5AA0 3SU1401-3BA20-5AA0 3SU1401-3BA30-5AA0 3SU1401-3BA40-5AA0 3SU1401-3BA50-5AA0 3SU1401-3BA60-5AA0	1 1 1 1 1 1	1 unit 1 unit 1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J 41J 41J
----	---	--	--	----------------------------	--	--

¹⁾ Only for use with SIRIUS commanding and signaling devices.

Multi-unit packaging,
see page 13/17.

Operational voltage at AC	Operational voltage at DC	Screw terminals	PU (UNIT, SET, M)	PS*	PG
V	V	Article No. Price per PU			

LED test modules¹⁾ for front plate mounting



3SU1400-1CK10-1AA0

6 ... 240	6 ... 240	3SU1400-1CK10-1AA0	1	1 unit	41J
-----------	-----------	--------------------	---	--------	-----

LED test modules¹⁾ for base mounting



3SU1400-2CK10-1AA0

6 ... 240	6 ... 240	3SU1400-2CK10-1AA0	1	1 unit	41J
-----------	-----------	--------------------	---	--------	-----

¹⁾ Only for use with SIRIUS ACT LED modules
(6 to 24 V AC/DC, 24 V AC/DC, 24 to 240 V AC/DC).

Overview

Pushbuttons and indicator lights of the SIRIUS ACT series can be connected to the AS-Interface communications system quickly, easily and reliably with the help of various solutions.

Using special modules, EMERGENCY-STOP devices according to ISO 13850 can be directly connected through the standard AS-Interface with safety-related communication.

The following solutions are available:

- AS-Interface modules
- AS-Interface modules in safety-related version for EMERGENCY-STOP mushroom pushbuttons according to ISO 13850

Selection and ordering data

Operational voltage	Slave type	Number of digital inputs		Number of digital outputs	Screw terminals + Spring-loaded terminals		PU (UNIT, SET, M)	PS*	PG	
		Standard	safety-related		Article No.	Price per PU				
V										
AS-Interface modules for front plate mounting										
	30	2 F-DI	--	2	--	3SU1400-1EA10-2AA0	1	1 unit	41J	
		2 F-DI + 1 LED	--	2	1	3SU1401-1EE20-2AA0	1	1 unit	41J	
		2 F-DI + 1 DQ	--	2	1	3SU1400-1EC10-2AA0	1	1 unit	41J	
3SU1400-1EC10-2AA0										
	30	2 F-DI	--	2	--	Insulation piercing method 3SU1400-1EA10-4AA0	1	1 unit	41J	
		2 F-DI + 1 LED	--	2	1	3SU1401-1EE20-4AA0	1	1 unit	41J	
3SU1400-1EA10-4AA0										
	30	2 F-DI + 1 DQ	--	2	1	Spring-loaded terminals + Insulation piercing method 3SU1400-1EC10-4AA0	1	1 unit	41J	
3SU1400-1EC10-4AA0										
	30	4 DI/3 DO AB	4	--	3	Spring-loaded terminals (push-in) 3SU1400-1EJ10-6AA0	1	1 unit	41J	
		4 DI/4 DO	4	--	4	3SU1400-1EK10-6AA0	1	1 unit	41J	
3SU1400-1EJ10-6AA0										
AS-Interface modules for base mounting										
	30	4 DI/3 DQ AB	4	0	3	3SU1400-2EJ10-6AA0	1	1 unit	41J	
		4 DI/4 DQ	4	0	4	3SU1400-2EK10-6AA0	1	1 unit	41J	
		2 F-DI	0	2	0	3SU1400-2EA10-6AA0	1	1 unit	41J	
		2 F-DI + 1 LED, 0 red	0	2	1 for controlling the LEDs	3SU1401-2EE20-6AA0	1	1 unit	41J	
		2 F-DI + 1 LED, 0 white	0	2	1 for controlling the LEDs	3SU1401-2EE60-6AA0	1	1 unit	41J	
3SU1400-2EJ10-6AA0										

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Modules



Electronic modules for IO-Link

Overview

The SIRIUS ACT pushbuttons and indicator lights can be connected to IO-Link quickly and safely. The connection is made via the electronic module for IO-Link.

Selection and ordering data

Operational voltage	Slave type	Number of digital inputs	Number of digital outputs	Spring-loaded terminals (push-in)	PU (UNIT, SET, M)	PS*	PG
V				Article No.	Price per PU		
Electronic modules for IO-Link, for front plate mounting							
24	Freely programmable (default 6 DI/2 DQ)	0 ... 8	0 ... 8	3SU1400-1HL10-6AA0	1	1 unit	41J
Electronic modules for IO-Link, for base mounting							
24	Freely programmable (default 6 DI/2 DQ)	0 ... 8	0 ... 8	3SU1400-2HL10-6AA0	1	1 unit	41J



3SU1400-1HL10-6AA0



3SU1400-2HL10-6AA0

Electronic modules for ID key-operated switches

Overview

The SIRIUS ACT ID key-operated switches can be used to set up authorization management systems for your machine/plant to identify persons.

The ID key-operated switch is fixed with the holder on the front panel and the electronic module is mounted on the back. The ID keys can be ordered as accessories. Complete range, see page 13/12.

The electronic modules for ID key-operated switches can be ordered with and without IO-Link. The version with IO-Link can be easily programmed using function blocks.

Benefits

Advantages:

- Easy installation on the standard holder without special tools
- The status of the operating modes can be queried via physical outputs or via the process image.

Selection and ordering data

Type of power supply via IO-Link master	Protocol is supported, IO-Link protocol	Number of NO contacts	IO-Link transfer rate	Screw terminals	PU (UNIT, SET, M)	PS*	PG
				Article No.	Price per PU		
or ID key-operated switches ¹⁾							
--	No	5	--	3SU1400-1GC10-1AA0	1	1 unit	41J
Yes	Yes	5	COM2 (38.4 kBaud)	3SU1400-1GD10-1AA0	1	1 unit	41J

¹⁾ Only use in conjunction with 3SU1500-0AA10-0AA0 plastic holder or 3SU1550-0AA10-0AA0 universal holder.

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Modules



Modules for PROFINET

Overview

Interface modules

Interface modules are used to establish communication between the controller and the SIRIUS ACT system. They feature an RJ45 socket, to which the PROFINET cable can be connected.

Thanks to the integrated PROFI-safe communication with fail-safe interface modules, an EMERGENCY-STOP mushroom pushbutton, for example, can be integrated in a fail-safe manner, thus achieving a safety category up to SIL 3/PL e.

The LED module can be integrated into the interface module to illuminate a commanding device, e.g. the EMERGENCY-STOP mushroom pushbutton.

If a defect develops on the interface module, it can be replaced without using a programming device thanks to the exchangeable memory module (supplied as standard with fail-safe interface module).

Terminal modules

With terminal modules, SIRIUS ACT commanding and signaling devices are simply connected to the interface module or other terminal modules using a 7-core flat ribbon cable, without the need for special tools. The terminal modules are mounted on the 3-fold holder of the SIRIUS ACT device series.

By combining terminal and interface modules, a SIRIUS ACT system with up to 21 devices can be set up.

For a complete overview of SIRIUS ACT with PROFINET, see page 13/11.

Selection and ordering data

Supply voltage at DC V	Number of interfaces according to PROFINET/ Safety Integrity Level (SIL) according to IEC 62061	Number of digital inputs Standard	Number of digital outputs safety-related	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
---------------------------	--	--------------------------------------	---	-------------	--------------	-------------------	-----	----

Interface modules for PROFINET

Interface modules



3SU1400-1LK10-1AA1

24	1/--	0	0	0
24	1/--	4	0	1
24	1/--	0	0	0
24	1/--	4	0	1

Screw terminals



3SU1400-1LK10-1AA1	1	1 unit	41J
3SU1400-1LK10-1BA1	1	1 unit	41J

Spring-loaded terminals



3SU1400-1LK10-3AA1	1	1 unit	41J
3SU1400-1LK10-3BA1	1	1 unit	41J

Fail-safe interface modules



3SU1400-1LL10-3BA1

24	1/SIL 3	4	0	1
24	1/SIL 3	4	0	1

Screw terminals



3SU1400-1LL10-1BA1	1	1 unit	41J
--------------------	---	--------	-----

Spring-loaded terminals



3SU1400-1LL10-3BA1	1	1 unit	41J
--------------------	---	--------	-----

Product version	Color of light source	Insulation displacement connection	PU (UNIT, SET, M)	PS*	PG
Article No.		Price per PU			

Terminal modules for PROFINET



3SU1401-1ME60-1DA1

With 2 contacts	--	3SU1400-1MA10-1BA1	1	1 unit	41J
With 2 contacts and integrated LED	Amber	3SU1401-1MC00-1CA1	1	1 unit	41J
	Red	3SU1401-1MC20-1CA1	1	1 unit	41J
	Yellow	3SU1401-1MC30-1CA1	1	1 unit	41J
	Green	3SU1401-1MC40-1CA1	1	1 unit	41J
	Blue	3SU1401-1MC50-1CA1	1	1 unit	41J
	White	3SU1401-1MC60-1CA1	1	1 unit	41J
With integrated LED	Amber	3SU1401-1ME00-1DA1	1	1 unit	41J
	Red	3SU1401-1ME20-1DA1	1	1 unit	41J
	Yellow	3SU1401-1ME30-1DA1	1	1 unit	41J
	Green	3SU1401-1ME40-1DA1	1	1 unit	41J
	Blue	3SU1401-1ME50-1DA1	1	1 unit	41J
	White	3SU1401-1ME60-1DA1	1	1 unit	41J

Accessories

Multi-unit packaging,
see page 13/17.

Operational voltage at AC	Operational voltage at DC	Color	Socket terminals (THT)		PU (UNIT, SET, M)	PS*	PG
V	V		Article No.	Price per PU			

LED modules for PROFINET interface modules

3SU1401-3BA20-5AA0

--	5	Amber	3SU1401-3BA00-5AA0	1	1 unit	41J
		Red	3SU1401-3BA20-5AA0	1	1 unit	41J
		Yellow	3SU1401-3BA30-5AA0	1	1 unit	41J
		Green	3SU1401-3BA40-5AA0	1	1 unit	41J
		Blue	3SU1401-3BA50-5AA0	1	1 unit	41J
		White	3SU1401-3BA60-5AA0	1	1 unit	41J

Product version	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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Memory modules for PROFINET interface modules

3RK3931-0AA00

For backing up the complete parameterization of the safety
system without a PC/PG through the system interface

3RK3931-0AA00	1	1 unit	42C
---------------	---	--------	-----

Flat ribbon cable, see page 13/141 onwards.

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Modules



Support terminals

Overview

Support terminals

The support terminals serve to collect electrical conductors, e.g. for all neutral conductors, in one enclosure. Up to four conductors, belonging to the same group, can be secured on one support terminal.

Mounting

- Front plate mounting:
Support terminals for front plate mounting are installed on the rear face of a holder.
- Base mounting:
The support terminals are used in 3SU18 enclosures and can be mounted at any placement position in the enclosure.

Connection methods

- Screw terminals
- Spring-loaded terminals

Selection and ordering data

Color		Screw terminals	PU (UNIT, SET, M)	PS*	PG
		Article No.	Price per PU		
Support terminals for front plate mounting					
	Black	3SU1400-1DA10-1AA0	1	1 unit	41J
	Blue	3SU1400-1DA50-1AA0	1	1 unit	41J
	Green/yellow	3SU1400-1DA43-1AA0	1	1 unit	41J
3SU1400-1DA10-1AA0					
	Black	3SU1400-1DA10-3AA0	1	1 unit	41J
	Blue	3SU1400-1DA50-3AA0	1	1 unit	41J
	Green/yellow	3SU1400-1DA43-3AA0	1	1 unit	41J
3SU1400-1DA50-3AA0					

Color		Screw terminals	PU (UNIT, SET, M)	PS*	PG
		Article No.	Price per PU		
Support terminals for base mounting					
	Black	3SU1400-2DA10-1AA0	1	1 unit	41J
	Blue	3SU1400-2DA50-1AA0	1	1 unit	41J
	Green/yellow	3SU1400-2DA43-1AA0	1	1 unit	41J
3SU1400-2DA10-1AA0					
	Black	3SU1400-2DA10-3AA0	1	1 unit	41J
	Blue	3SU1400-2DA50-3AA0	1	1 unit	41J
	Green/yellow	3SU1400-2DA43-3AA0	1	1 unit	41J
3SU1400-2DA50-3AA0					

Overview

Pushbuttons and indicator lights in the enclosure



Enclosures with standard fittings

Enclosed SIRIUS ACT pushbuttons and indicator lights are used as hand-operated commanding devices for separately allocated control units and cabinets. The devices are suitable for use in any climate and have degree of protection IP66, IP67, IP69 (IP69K), including those with cable glands.

Standards

IEC 60947-5-1

Versions

The enclosed pushbuttons and indicator lights are available with conventional controls as well as for connection to AS-Interface. The following versions are available:

- Empty enclosures with 1 to 6 command points. The installed components must be ordered separately; modules for base mounting or 1-pole contact and LED modules for front plate mounting can be used, [see page 13/80 onwards](#).
- Enclosures with standard fittings with 1 to 3 command points, e.g. EMERGENCY-STOP enclosure with EMERGENCY-STOP mushroom pushbutton
- Enclosures with customized fittings with 1 to 6 command points
- Special enclosure for selector switches (4 switch positions), coordinate switches and ID key-operated switches

Color of the enclosures

Top:

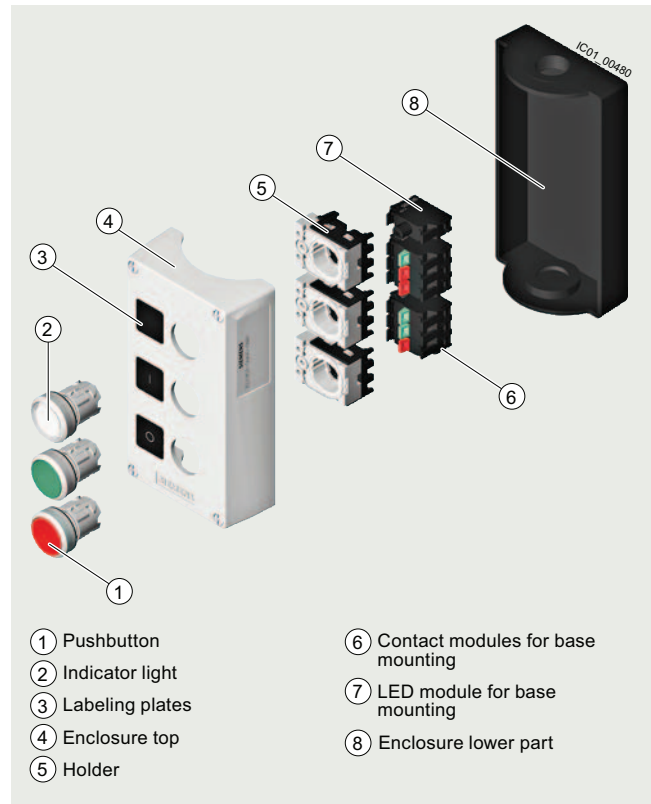
- Gray, RAL 7035
- Pantone yellow C, for EMERGENCY STOP

Base:

- Black, RAL 9005

Application

The enclosures are climate-proof (KTW 24) according to ISO 6270-2 and are suitable for stationary use, and for use in marine applications.



Setup of the pushbuttons and indicator lights in the enclosure

Customized enclosures

The fittings and labeling of the command points can be chosen using the configurator on the internet. The prices depend on the equipment selected, [see www.siemens.com/sirius-act/configurator](http://www.siemens.com/sirius-act/configurator).

It is also possible to create a combination of two enclosures using connectors.

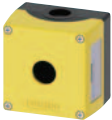
Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Enclosures

Empty enclosures

Selection and ordering data

Color of enclosure top	Number of command points	Enclosure version	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG			
Enclosures for surface mounting										
Plastic										
	Yellow	1	Center command point	3SU1801-0AA00-0AA2	1	1 unit	41J			
			With protective collar	3SU1801-0AA00-0AC2	1	1 unit	41J			
			With recess for labeling plate	3SU1801-0AA00-0AB2	1	1 unit	41J			
3SU1801-0AA00-0AA2		2	With recess for labeling plate	3SU1802-0AA00-0AB2	1	1 unit	41J			
Gray		1	With recess for labeling plate	3SU1801-0AA00-0AB1	1	1 unit	41J			
		2	With recess for labeling plate	3SU1802-0AA00-0AB1	1	1 unit	41J			
		3	With recess for labeling plate	3SU1803-0AA00-0AB1	1	1 unit	41J			
		4	With recess for labeling plate	3SU1804-0AA00-0AB1	1	1 unit	41J			
		6	With recess for labeling plate	3SU1806-0AA00-0AB1	1	1 unit	41J			
3SU1802-0AA00-0AB1										
Metal										
	Yellow	1	Center command point	3SU1851-0AA00-0AA2	1	1 unit	41J			
			With protective collar	3SU1851-0AA00-0AC2	1	1 unit	41J			
			With recess for labeling plate	3SU1851-0AA00-0AB2	1	1 unit	41J			
3SU1851-0AA00-0AC2		1	With protective collar for 5 padlocks, EMERGENCY-STOP mushroom 40 mm and EMERGENCY-STOP mushroom 40 mm with RONIS key-operated release	3SU1851-0AA00-0AF2	1	1 unit	41J			
With protective collar for 5 padlocks, EMERGENCY-STOP mushroom 40 mm with O.M.R., Siemens, C ¹⁾ , and Siemens, B ²⁾ key-operated release			3SU1851-0AA00-0AG2	1	1 unit	41J				
With protective collar for 5 padlocks, mushroom 60 mm			3SU1851-0AA00-0AH2	1	1 unit	41J				
With protective collar for 5 padlocks, mushroom 60 mm, horizontal mounting			3SU1851-0AA00-0AJ2	1	1 unit	41J				
Gray			With protective collar for 5 padlocks, mushroom 60 mm	3SU1851-0AA00-0AH1	1	1 unit	41J			
			With protective collar for 5 padlocks, mushroom 60 mm, horizontal mounting	3SU1851-0AA00-0AJ1	1	1 unit	41J			
			With recess for labeling plate	3SU1851-0AA00-0AB1	1	1 unit	41J			
3SU1851-0AA00-0AH1		2	With protective collar	3SU1851-0AA00-0AC1	1	1 unit	41J			
			With recess for labeling plate	3SU1852-0AA00-0AB1	1	1 unit	41J			
			3	With recess for labeling plate	3SU1853-0AA00-0AB1	1	1 unit	41J		
		3SU1853-0AA00-0AB1		2	With recess for labeling plate	3SU1854-0AA00-0AB1	1	1 unit	41J	
					6	With recess for labeling plate	3SU1856-0AA00-0AB1	1	1 unit	41J
3SU1854-0AA00-0AB1										
Enclosures for selector switches (4 switch positions), coordinate switches and ID key-operated switches										
Plastic, front plate mounting										
	Gray	1	Center command point	3SU1801-1AA00-1AA1	1	1 unit	41J			
3SU1801-1AA00-1AA1										
Metal, front plate mounting										
	Gray	1	Center command point	3SU1851-1AA00-1AA1	1	1 unit	41J			
3SU1801-1AA00-1AA1										

¹⁾ Siemens, C lock (compatible with CES locks).

²⁾ Siemens, B lock (compatible with BKS locks).

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Enclosures

Pushbuttons and indicator lights in the enclosure

Overview

Pushbuttons and indicator lights in the enclosure (standard fittings) are available with:

- 1 to 3 command points (equipped, for example, with A, B, C, in each case from bottom to top)
- Operational voltage up to 400 V
- Vertical mounting type
- Plastic enclosures are equipped with plastic actuators and indicators, metal enclosures are equipped with metal actuators and indicators
- Contact modules and LED modules for base mounting (are snapped into the lower part of the enclosure); screw terminals as standard; some versions also with spring-loaded terminals

Palm pushbuttons

Palm pushbuttons have a particularly large button surface. This means that they can be actuated quickly and easily with the hand, arm or foot.

Selection and ordering data

Color of enclosure top	Number of command points	Enclosure version Pushbutton and indicator light fittings	Color of actuating element Marking	Number of		Screw terminals 	PU (UNIT, SET, M)	PS*	PG
				NC contacts	NO contacts				
Article No.						Price per PU			

Enclosures with standard fittings

Plastic



3SU1801-0NA00-2AA2

Yellow 1

Center command point
A = EMERGENCY-STOP mushroom pushbutton, 40 mm, with positive latching according to ISO 13850, rotate to unlatch

A = Red

1 0

2 0

1 1

3SU1801-0NA00-2AA2

1

1 unit

41J

3SU1801-0NB00-2AA2

1

1 unit

41J

3SU1801-0NP00-2AA2

1

1 unit

41J

Center command point
A = EMERGENCY-STOP mushroom pushbutton, 40 mm, with positive latching according to ISO 13850, with RONIS SB30 lock, key-operated release

A = Red

1 1

3SU1801-0NN00-2AA2

1

1 unit

41J

With protective collar
A = EMERGENCY-STOP mushroom pushbutton, 40 mm, with positive latching according to ISO 13850, rotate to unlatch

A = Red

1 0

2 0

3SU1801-0NA00-2AC2

1

1 unit

41J

3SU1801-0NB00-2AC2

1

1 unit

41J



3SU1801-0NA00-2AC2



3SU1802-0NA00-2AB2

2

With recess for labeling plate
A = EMERGENCY-STOP mushroom pushbutton, 40 mm, with RONIS SB30 lock, key-operated release, with positive latching according to ISO 13850, rotate to unlatch/
B = Indicator light 24 V AC/DC

A = Red/
B = Red

1 1

A = EMERGENCY STOP/
B = "Without inscription"

3SU1802-0NA00-2AB2

1

1 unit

41J

With recess for labeling plate
A = EMERGENCY-STOP mushroom pushbutton, 40 mm, with positive latching according to ISO 13850, rotate to unlatch/
B = Indicator light 24 V AC/DC

A = Red/
B = Red

2 1

A = "Without inscription"/
B = "Without inscription"

3SU1802-0NB00-2AB2

1

1 unit

41J



3SU1802-0NB00-2AB2

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Enclosures

Pushbuttons and indicator lights in the enclosure

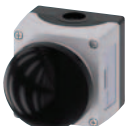
	Color of enclosure top	Number of command points	Enclosure version Pushbutton and indicator light fittings	Color of actuating element Marking	NC contacts	NO contacts	Screw terminals		PU (UNIT, SET, M)	PS*	PG
	Article No.						Price per PU				
Enclosures with standard fittings											
	Plastic										
	Yellow	1	Center command point A = EMERGENCY-STOP palm pushbutton with positive latching according to ISO 13850, pull to unlatch	A = Red	1	1	3SU1801-2NG00-2AA2		1	1 unit	41J
	Yellow	1	With recess for labeling plate A = EMERGENCY-STOP mushroom pushbutton, 40 mm, with positive latching according to ISO 13850, rotate to unlatch	A = Red	2	1	3SU1801-0NE00-4AB2		1	1 unit	41J

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Enclosures

Pushbuttons and indicator lights in the enclosure

Color of enclosure top		Number of command points	Enclosure version Pushbutton and indicator light fittings	Color of actuating element Marking	Number of NC contacts NO contacts		Screw terminals	PU (UNIT, SET, M)	PS*	PG				
							Article No.	Price per PU						
Enclosures with standard fittings														
	Gray	1	With recess for labeling plate A = Pushbutton, momentary contact	A = Green	0	1	3SU1801-0AB00-2AB1	1	1 unit	41J				
				A = I										
				A = Red	1	0	3SU1801-0AC00-2AB1	1	1 unit	41J				
				A = O										
				A = White	0	1	3SU1801-0AD00-2AB1	1	1 unit	41J				
	Gray	1	With recess for labeling plate A = Selector switch, momentary contact • 3 switch positions • 2 switch positions	A = I										
				A = Black	0	2	3SU1801-0BA00-4AB1	1	1 unit	41J				
				A = Black	0	1	3SU1801-0BE00-4AB1	1	1 unit	41J				
				A = Red	1	0	3SU1801-0BC00-4AB1	1	1 unit	41J				
				A = Mushroom pushbutton, 30 mm, pull to unlatch										
	Gray	1	With recess for labeling plate A = Illuminated pushbutton, momentary contact	A = Clear	0	1	3SU1801-0BD00-4AB1	1	1 unit	41J				
				A = I										
				Screw terminals										
					Gray	2	With recess for labeling plate A = Pushbutton, momentary contact/ B = Pushbutton, momentary contact	A = Red/ B = Green	1	1	3SU1802-0AB00-2AB1	1	1 unit	41J
								A = O/ B = I						
A = Black/ B = Black	1	1	3SU1802-0AC00-2AB1					1	1 unit	41J				
A = O/ B = I														
	Gray	3	With recess for labeling plate A = Pushbutton, momentary contact/ B = Pushbutton, momentary contact/ C = Indicator light					A = Red/ B = Green/ C = Clear	1	1	3SU1803-0AB00-2AB1	1	1 unit	41J
				A = O/ B = I/ C = "Without inscription"										
				A = Black/ B = White/ C = Clear	1	1	3SU1803-0AC00-2AB1	1	1 unit	41J				
				A = O/ B = I/ C = "Without inscription"										
					Gray	1	Center command point A = Palm pushbutton, momentary-contact	A = Red/ B = Black/ C = Black	1	2	3SU1803-0AD00-2AB1	1	1 unit	41J
A = O/ B = I/ C = II														
	Gray	1	Center command point A = Palm pushbutton, momentary-contact					A = Black	0	1	3SU1801-2GA00-2AA1	1	1 unit	41J
								A = Red/ B = Black/ C = Black	1	2				
								A = O/ B = I/ C = II						
				A = Black	0	1								
				A = Red/ B = Black/ C = Black	1	2								

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Enclosures

Pushbuttons and indicator lights in the enclosure

Color of enclosure top		Number of command points	Enclosure version Pushbutton and indicator light fittings	Color of actuating element Marking	Number of		Screw terminals	PU (UNIT, SET, M)	PS*	PG
					NC contacts	NO contacts				
							Article No.	Price per PU		
Enclosures with standard fittings										
Metal										
	Yellow	1	Center command point	A = Red	1	0	3SU1851-0NA00-2AA2 3SU1851-0NB00-2AA2	1	1 unit	41J
			A = EMERGENCY-STOP mushroom pushbutton, 40 mm, with positive latching according to ISO 13850, rotate to unlatch		2	0		1	1 unit	41J
			With protective collar	A = Red	1	0	3SU1851-0NA00-2AC2 3SU1851-0NB00-2AC2 3SU1851-0NC00-2AC2 3SU1851-0ND00-2AC2	1	1 unit	41J
					2	0		1	1 unit	41J
			A = EMERGENCY-STOP mushroom pushbutton, 40 mm, with positive latching according to ISO 13850, rotate to unlatch		2 ¹⁾	0		1	1 unit	41J
					2	1		1	1 unit	41J
			Center command point	A = Red	1	1	3SU1851-2NG00-2AA2	1	1 unit	41J
			A = EMERGENCY-STOP palm pushbutton with positive latching according to ISO 13850, pull to unlatch							
	Gray	1	With recess for labeling plate	A = Green	0	1	3SU1851-0AB00-2AB1	1	1 unit	41J
			A = Pushbutton, momentary contact	A = I						
				A = Red	1	0	3SU1851-0AC00-2AB1	1	1 unit	41J
				A = O						
				A = White	0	1	3SU1851-0AD00-2AB1	1	1 unit	41J
				A = I						
				A = Black	1	0	3SU1851-0AE00-2AB1	1	1 unit	41J
				A = O						
		2	With recess for labeling plate	A = Red/ B = Green	1	1	3SU1852-0AB00-2AB1	1	1 unit	41J
			A = Pushbutton, momentary contact/ B = Pushbutton, momentary contact	A = O/ B = I						
				A = Black/ B = White	1	1	3SU1852-0AC00-2AB1	1	1 unit	41J
				A = O/ B = I						
		3	With recess for labeling plate	A = Red/ B = Green/ C = Clear	1	1	3SU1853-0AB00-2AB1	1	1 unit	41J
			A = Pushbutton, momentary contact/ B = Pushbutton, momentary contact/ C = Indicator light	A = O/ B = I/ C = "Without inscription"						
			With recess for labeling plate	A = Red/ B = Black/ C = Black	1	2	3SU1853-0AD00-2AB1	1	1 unit	41J
			A = Pushbutton, momentary contact/ B = Pushbutton, momentary contact/ C = Pushbutton, momentary contact	A = O/ B = I/ C = II						
		1	Center command point	A = Black	0	1	3SU1851-2GA00-2AA1	1	1 unit	41J
			A = Palm pushbutton, momentary-contact							

3SU1851-0NA00-2AA2

3SU1851-0NA00-2AC2

3SU1851-2NG00-2AA2

3SU1851-0AC00-2AB1

3SU1852-0AB00-2AB1

3SU1853-0AB00-2AB1

3SU1851-2GA00-2AA1

1) Gold-plated contact.

¹⁾ Gold-plated contact.

* You can order this quantity or a multiple thereof.
Illustrations are approximate

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Enclosures

Pushbuttons and indicator lights in the enclosure

Number of command points	Product function/ EMERGENCY-STOP function	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
--------------------------	--	-------------	-----------------	-------------------------	-----	----

Customized enclosures¹⁾



3SU1802-0AZ00 K0Y

Plastic

1	No	3SU1801-0AZ00 K0Y		1	1 unit	41J
	Yes	3SU1801-0NZ00 K0Y		1	1 unit	41J
2	No	3SU1802-0AZ00 K0Y		1	1 unit	41J
	Yes	3SU1802-0NZ00 K0Y		1	1 unit	41J
3	No	3SU1803-0AZ00 K0Y		1	1 unit	41J
	Yes	3SU1803-0NZ00 K0Y		1	1 unit	41J
4	No	3SU1804-0AZ00 K0Y		1	1 unit	41J
	Yes	3SU1804-0NZ00 K0Y		1	1 unit	41J
6	No	3SU1806-0AZ00 K0Y		1	1 unit	41J
	Yes	3SU1806-0NZ00 K0Y		1	1 unit	41J



3SU1853-0AZ00 K0Y

Metal

1	No	3SU1851-0AZ00 K0Y		1	1 unit	41J
	Yes	3SU1851-0NZ00 K0Y		1	1 unit	41J
2	No	3SU1852-0AZ00 K0Y		1	1 unit	41J
	Yes	3SU1852-0NZ00 K0Y		1	1 unit	41J
3	No	3SU1853-0AZ00 K0Y		1	1 unit	41J
	Yes	3SU1853-0NZ00 K0Y		1	1 unit	41J
4	No	3SU1854-0AZ00 K0Y		1	1 unit	41J
	Yes	3SU1854-0NZ00 K0Y		1	1 unit	41J
6	No	3SU1856-0AZ00 K0Y		1	1 unit	41J
	Yes	3SU1856-0NZ00 K0Y		1	1 unit	41J

¹⁾ The fittings and labeling of the command points can be chosen using the configurator on the internet. The prices depend on the equipment selected. When ordering, always add the article number and the order code "**K0Y**" and the **CIN number** from the configurator.
Ordering example:
3SU1801-0AZ00
K0Y
CIN20150609140858154554,
see www.siemens.com/sirius-act/configurator.

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Enclosures

Pushbuttons and indicator lights in the enclosure for AS-Interface

Overview

With AS-Interface enclosures, distributed SIRIUS ACT pushbuttons and indicator lights can be quickly connected to the AS-Interface communications system. Using suitable components you can assemble your own enclosures with integrated AS-Interface or flexibly modify existing enclosures.



Enclosures for AS-Interface

Enclosures

Color of enclosure top:

- Gray, RAL 7035
- Pantone yellow C, for EMERGENCY STOP

Color of lower part of enclosure:

- Black, RAL 9005

Equipping with AS-Interface slaves

The following slaves are available for connecting the command points:

- Slave in A/B technology with 4 digital inputs and 3 digital outputs (4 DI/3 DQ)
- Slave with 4 digital inputs and 4 digital outputs (4 DI/4 DQ)
- F slave with 2 safe inputs for EMERGENCY-STOP mushroom pushbutton (2 F-DI), also with integrated red LED for the illuminated EMERGENCY-STOP mushroom pushbutton.

The following table shows the maximum number of slaves possible:

Number of command points	Number of slaves for enclosures without EMERGENCY STOP	Number of slaves for enclosures with EMERGENCY STOP
1	--	1 x F slave 2 F-DI
2	1 x slave 4 DI/4 DQ or 4 DI/3 DQ	--
3	1 x slave 4 DI/4 DQ or 4 DI/3 DQ	1 x slave 4 DI/4 DQ or 4 DI/3 DQ + 1 x F slave
4	2 x slave 4 DI/4 DQ or 4 DI/3 DQ	2 x slave 4 DI/4 DQ or 4 DI/3 DQ + 1 x F slave
6	2 x slave 4 DI/4 DQ or 4 DI/3 DQ	2 x slave 4 DI/4 DQ or 4 DI/3 DQ + 1 x F slave

Connection

One set of cables is required in each case to connect a slave to contact modules, LED modules and the connection element.

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

For connection to AS-Interface, the following options are available:

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

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

To supply inputs with power, the S+ connection of the slave must be assigned to the socket, for outputs the OUT- connection must be assigned. Addressing is performed using the AS-Interface connections or the integrated addressing socket. An external power supply is not required.

Enclosures with standard fittings

Enclosures with standard fittings are available with:

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

The enclosures without EMERGENCY STOP each have one module with 4I/3O; the enclosures with EMERGENCY-STOP mushroom pushbuttons have a safe AS-Interface slave integrated in the enclosure. Enclosures with EMERGENCY-STOP mushroom pushbuttons are fitted with two NC contact modules, which are wired to the safe F slave.

The contact modules and LED modules (with spring-loaded terminals) of the commanding devices and the AS-Interface slaves are mounted in the base of the enclosure and connected using cables. The plastic enclosures are designed with a connection for the AS-Interface flat cable (the cable is run along the outside of the enclosure). For metal enclosures, the AS-Interface cable is run inside the enclosure.

The enclosures with EMERGENCY-STOP mushroom pushbuttons are also available with an M12 connection plug.

Customized enclosures (selection by configurator)

To order customized 3SU18 AS-Interface enclosures with pushbuttons and indicator lights, the configurator must be used to select the fittings.

An electronic order form will be generated for the options.

Configurator, see www.siemens.com/sirius-act/configurator.

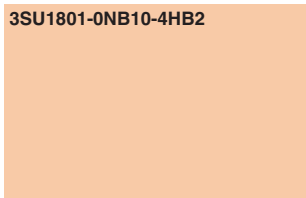
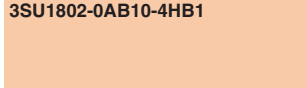
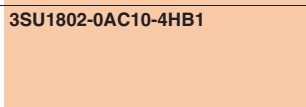
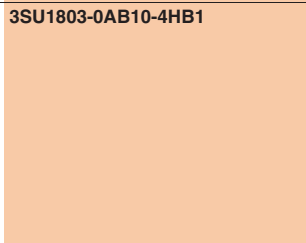
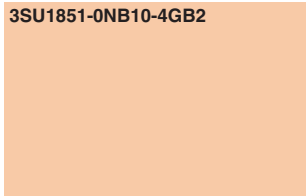
Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Enclosures

Pushbuttons and indicator lights in the enclosure for AS-Interface

Selection and ordering data

Color of enclosure top	Number of command points	Enclosure version Command point fittings	Color Marking	Insulation piercing method		PU (UNIT, SET, M)	PS*	PG
				Article No.	Price per PU			
Standard fittings								
Plastic								
	1	With recess for labeling plate A = EMERGENCY-STOP mushroom pushbutton, 40 mm, with positive latching according to ISO 13850, rotate to unlatch	A = Red A = "Without inscription"			1	1 unit	41J
		With protective collar A = EMERGENCY-STOP mushroom pushbutton, 40 mm, with positive latching according to ISO 13850, rotate to unlatch	A = Red					
	2	With recess for labeling plate A = Pushbutton, momentary contact/ B = Pushbutton, momentary contact	A = Red/ B = Green A = O/ B = I A = Black/ B = White A = O/ B = I			1	1 unit	41J
					1	1 unit	41J	
	3	With recess for labeling plate A = Pushbutton, momentary contact/ B = Pushbutton, momentary contact/ C = Indicator light	A = Red/ B = Green/ C = Clear A = O/ B = I/ C = "Without inscription"			1	1 unit	41J
Metal								
	1	With recess for labeling plate A = EMERGENCY-STOP mushroom pushbutton, 40 mm, with positive latching according to ISO 13850, rotate to unlatch	A = Red A = "Without inscription"			1	1 unit	41J
		With protective collar A = EMERGENCY-STOP mushroom pushbutton, 40 mm, with positive latching according to ISO 13850, rotate to unlatch	A = Red					

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Enclosures

Pushbuttons and indicator lights in the enclosure for AS-Interface

Number of command points	Product function/ EMERGENCY-STOP function	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
--------------------------	--	-------------	-----------------	-------------------------	-----	----

Customized enclosures for AS-Interface¹⁾



3SU1802-0NZ10 K0Y

Plastic

1	Yes	3SU1801-0NZ10 K0Y		1	1 unit	41J
2	No	3SU1802-0AZ10 K0Y		1	1 unit	41J
	Yes	3SU1802-0NZ10 K0Y		1	1 unit	41J
3	No	3SU1803-0AZ10 K0Y		1	1 unit	41J
	Yes	3SU1803-0NZ10 K0Y		1	1 unit	41J
4	No	3SU1804-0AZ10 K0Y		1	1 unit	41J
	Yes	3SU1804-0NZ10 K0Y		1	1 unit	41J
6	No	3SU1806-0AZ10 K0Y		1	1 unit	41J
	Yes	3SU1806-0NZ10 K0Y		1	1 unit	41J



3SU1853-0NZ10 K0Y

Metal

1	Yes	3SU1851-0NZ10 K0Y		1	1 unit	41J
2	No	3SU1852-0AZ10 K0Y		1	1 unit	41J
	Yes	3SU1852-0NZ10 K0Y		1	1 unit	41J
3	No	3SU1853-0AZ10 K0Y		1	1 unit	41J
	Yes	3SU1853-0NZ10 K0Y		1	1 unit	41J
4	No	3SU1854-0AZ10 K0Y		1	1 unit	41J
	Yes	3SU1854-0NZ10 K0Y		1	1 unit	41J
6	No	3SU1856-0AZ10 K0Y		1	1 unit	41J
	Yes	3SU1856-0NZ10 K0Y		1	1 unit	41J

¹⁾ The fittings and labeling of the command points can be chosen using the configurator on the internet. The prices depend on the equipment selected. When ordering, always add the article number and the order code "**K0Y**" and the **CIN number** from the configurator.

Ordering example:

3SU1801-0AZ00

K0Y

CIN20150609140858154554,

see www.siemens.com/sirius-act/configurator.

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Enclosures

Pushbuttons and indicator lights in the enclosure for IO-Link

Overview

Customized enclosures for IO-Link

With IO-Link enclosures, SIRIUS ACT pushbuttons and indicator lights can be quickly and reliably connected to the IO-Link communications system.

Benefits

Advantages:

- Easy configuration of customized enclosure solutions with IO-Link via configurator
- Quick and easy installation due to pre-wired, customized enclosure solutions with integrated IO-Link interface

Selection and ordering data

Number of command points	Product function/ EMERGENCY-STOP function	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
--------------------------	--	-------------	-----------------	-------------------------	-----	----

Customized enclosures for IO-Link¹⁾



3SU1802-0AZ20 K0Y

Plastic

2	No	3SU1802-0AZ20 K0Y		1	1 unit	41J
3	No	3SU1803-0AZ20 K0Y		1	1 unit	41J
4	No	3SU1804-0AZ20 K0Y		1	1 unit	41J
6	No	3SU1806-0AZ20 K0Y		1	1 unit	41J

Metal

2	No	3SU1852-0AZ20 K0Y		1	1 unit	41J
3	No	3SU1853-0AZ20 K0Y		1	1 unit	41J
4	No	3SU1854-0AZ20 K0Y		1	1 unit	41J
6	No	3SU1856-0AZ20 K0Y		1	1 unit	41J

¹⁾ The fittings and labeling of the command points can be chosen using the configurator on the internet. The prices depend on the equipment selected. When ordering, always add the article number and the order code "K0Y" and the CIN number from the configurator.

Ordering example:

3SU1803-0AZ20

K0Y

CIN.....

see www.siemens.com/sirius-act/configurator.

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Enclosures

Pushbuttons and indicator lights in the enclosure for connection to SIMATIC ET 200

Overview

SIRIUS ACT connection to safety field modules

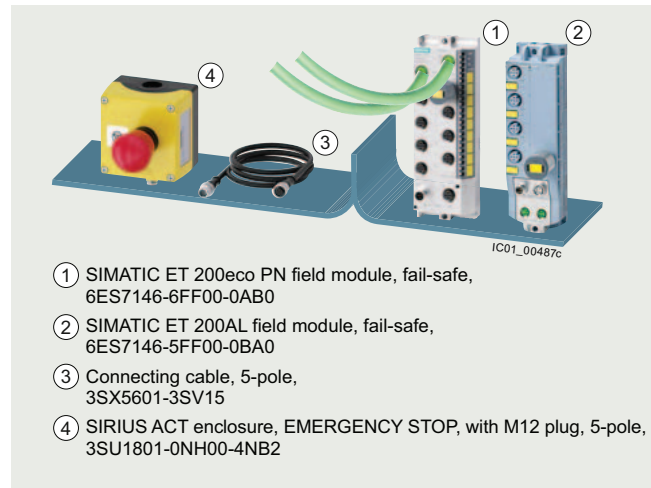
The connection of SIRIUS ACT enclosures with EMERGENCY-STOP mushroom pushbutton and M12 plug-in connection to the fail-safe field modules of the SIMATIC ET 200eco PN and SIMATIC ET 200AL ensures fast and simple use in the field.

The market-compliant pin assignment of sensor, connecting cable and field module is identical in this solution. This ensures functional capability and excludes the possibility of sensor mix-ups.

The pre-wired enclosures can be implemented using various connection options with appropriate accessories (e.g. cables in different lengths, also partially preassembled).

Additional SIRIUS devices, e.g. position and safety switches, can also be connected to the field modules. Advantage: Safe system technology in the field, from the sensor through to the field module (see page 12/93 onwards).

Configurator, see www.siemens.com/SIMATIC-ET200-safety-sensor-configurator.



SIRIUS ACT connection to safety field modules

Sensors with M12 plug	Type	SIL	Connection accessories M12 method, A-coded	Type	Cable length	
SIRIUS ACT enclosures, EMERGENCY STOP						
	Enclosure plastic, yellow, with 1 command point, A = EMERGENCY-STOP mushroom pushbutton red, 40 mm, with positive latching according to ISO 13850, rotate to unlatch, label with graphic symbol for "stop", 2 NC, spring-loaded terminals, base mounting, M12 plug (5-pole), bottom	3SU1801-0NH00-4NB2 3 (see page 13/107)		Connecting cable with M12 socket, 5-pole and M12 plug, 5-pole	3SX5601-3SV15 (see page 12/52)	1 m
			or			
				Connecting cable with M12 socket, 5-pole, open end	3SX5601-3SB55 (see page 12/52)	5 m
				M12 plug 5-pole, straight, separate item	3RK 1902-4BA00-5AA0 (see page 12/53)	--
	Enclosure plastic, yellow, with 1 command point, A = EMERGENCY-STOP mushroom pushbutton red, 40 mm, illuminated, with positive latching according to ISO 13850, rotate to unlatch, 2 NC, white LED 24 V, spring-loaded terminal, base mounting, M12 plug (8-pole), bottom	3SU1801-0NV00-4SA2 3 (see page 13/107)		Connecting cable with M12 socket, 8-pole and M12 plug, 8-pole	3SX5601-3SV18 (see page 12/74)	1 m
			and			
				ET 200 Y-cable for connecting 1 x 2-channel sensor with M12 socket, 8-pole on 2 x M12 plugs, 5-pole	6ES7194-6KC00-0XA0 (see page 12/74)	0.2 m
			or			
				Connecting cable with M12 socket, 8-pole, straight, open end	3SX5601-2GA03 (see page 12/74)	3 m
					3SX5601-2GA05 (see page 12/74)	5 m
					3SX5601-2GA10 (see page 12/74)	10 m
					3SX5601-2GA15 (see page 12/74)	15 m
			and			
				M12 plug 8-pole, straight	6GT2090-0BE00 (see page 12/74)	--
			and			
				ET 200 Y-cable for connecting 1 x 2-channel sensor with M12 socket, 8-pole on 2 x M12 plugs, 5-pole	6ES7194-6KC00-0XA0 (see page 12/74)	0.2 m

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Enclosures

Pushbuttons and indicator lights in the enclosure for connection to SIMATIC ET 200

Selection and ordering data

Color of enclosure top	Number of command points	Enclosure version Pushbutton and indicator light fittings	Color of actuating element Marking	Number of NC contacts NO contacts		Spring-loaded terminals	PU (UNIT, SET, M)	PS*	PG
									
Article No.						Price per PU			

Enclosures with standard fittings for connection to fail-safe field modules of the SIMATIC ET 200eco PN and SIMATIC ET 200AL

Plastic



3SU1801-0NH00-4NB2

Yellow	1	With recess for labeling plate A = EMERGENCY-STOP mushroom pushbutton, 40 mm, with positive latching according to ISO 13850, rotate to unlatch, M12 plug (5-pole), bottom	A = Red A = 	2	0	3SU1801-0NH00-4NB2	1	1 unit	41J
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3SU1801-0NV00-4SA2

Yellow	1	Center command point A = EMERGENCY-STOP mushroom pushbutton, 40 mm, illuminated, with positive latching according to ISO 13850, rotate to unlatch, LED, white, 24 V, M12 plug (8-pole), bottom	A = Red	2	0	3SU1801-0NV00-4SA2	1	1 unit	41J
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3SU1802-0NE00-4SB1

Gray	2	With recess for labeling plate A = Pushbutton, latching, M12 plug (8-pole), bottom, B = EMERGENCY-STOP mushroom pushbutton, 40 mm, rotate to unlatch	A = Blue/ B = Red A = Reset/ B = Off	2 0	0 1	3SU1802-0NE00-4SB1	1	1 unit	41J
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Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Enclosures

Two-hand operation consoles

Overview

Equipment

The two-hand operation consoles are pre-equipped with commanding devices. In the case of plastic enclosures the command points are equipped as standard with actuators and indicators made of plastic and in the case of metal enclosures they are equipped with actuators and indicators made of metal.

The standard equipment comprises:

- 2 black mushroom pushbuttons, Ø 40 mm, 1 NO + 1 NC
- 1 red EMERGENCY-STOP mushroom pushbutton according to ISO 13850, Ø 40 mm, with positive latching, 2 NC

The plastic version can be retrofitted with up to 8 customized command points. The surface of the console has premachined breaking points for this purpose.

Application

The two-hand operation consoles are required for use with machines and systems that have hazardous areas, in order to direct both hands of the operator to one position.

The operation consoles are primarily used on presses, stamping machines, printing presses and paper converting machines, in the chemical industry and in the rubber and plastics industries.

The control command is given by pressing the two mushroom pushbuttons on the sides simultaneously (within 0.5 s of each other) and must be maintained for as long as a hazard exists.

For the further processing of control commands, evaluation units such as 3SK safety relays are used.

Standards

The two-hand operation consoles comply with the requirements of EN 574/ISO 13851.

Selection and ordering data

Version of actuating element	Color of actuating element	Number of NO contacts	Number of NC contacts	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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Two-hand operation consoles

Plastic



3SU1803-3NB00-1AE1

None	--	0	0	3SU1803-3AA00-0AA1		1	1 unit	41J
A = Mushroom pushbutton, momentary contact/ B = EMERGENCY-STOP mushroom pushbutton, rotate to unlatch/ C = Mushroom pushbutton, momentary contact	A = Black/ B = Red/ C = Black	2	4	3SU1803-3NB00-1AE1		1	1 unit	41J



3SU1853-3AA00-0AA1

Metal

None	--	0	0	3SU1853-3AA00-0AA1		1	1 unit	41J
A = Mushroom pushbutton, momentary contact/ B = EMERGENCY-STOP mushroom pushbutton, rotate to unlatch/ C = Mushroom pushbutton, momentary contact	A = Black/ B = Red/ C = Black	2	4	3SU1853-3NB00-1AA1		1	1 unit	41J



3SU1853-3NB00-1AA1



3SU1853-3NB00-1AD1

With 4 additional command points for 22 mm commanding devices	A = Black/ B = Red/ C = Black	2	4	3SU1853-3NB00-1AD1		1	1 unit	41J
A = Mushroom pushbutton, momentary contact/ B = EMERGENCY-STOP mushroom pushbutton, rotate to unlatch/ C = Mushroom pushbutton, momentary contact								

Version	Material	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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Accessories

Stand for two-hand operation consoles



3SU1950-0HN10-0AA0

with cutouts for metric cable glands	Metal	Black	3SU1950-0HN10-0AA0		1	1 unit	41J
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Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Accessories

Labels > Insert labels

Color	Marking	Symbol No.	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Insert labels							
With symbol (ON/OFF)							
	Milky white/black (label/lettering)	O	5008 IEC		100	10 units	41J
		I	5007 IEC		100	10 units	41J
		II	--		100	10 units	41J
		III	--		100	10 units	41J
3SU1900-0AB71-0QC0							
With symbol (graphic)							
	Milky white/black (label/lettering)	→ ARROW DIRECTION TO RIGHT	5022 IEC		100	10 units	41J
		↖ ARROW DIRECTION UP AND TO LEFT	--		100	10 units	41J
		↻ CLOCKWISE ROTATION	0004 ISO		100	10 units	41J
		↺ COUNTERCLOCKWISE ROTATION	--		100	10 units	41J
3SU1900-0AB71-0QT0							
		⚡ RAPID TRAVERSE	0266 ISO		100	10 units	41J
		⚡ FEED	0259 ISO		100	10 units	41J
		+ INCREASE, PLUS	5005 IEC		100	10 units	41J
		- DECREASE, MINUS	5006 IEC		100	10 units	41J
3SU1900-0AB71-0RB0							
		🏠 ELECTRIC MOTOR	0011 ISO		100	10 units	41J
		📢 HORN	5014 IEC		100	10 units	41J
		💧 WATER INLET	--		100	10 units	41J
		🔧 PUMP	0134 ISO		100	10 units	41J
3SU1900-0AB71-0RN0							
		⚙️ COOLANT PUMP	0355 ISO		100	10 units	41J
		🔒 CLAMP	5653 IEC		100	10 units	41J
		🔓 UNLOCK, UNCLAMP	5652 IEC		100	10 units	41J
		🛑 BRAKE	--		100	10 units	41J
		🔓 RELEASE BRAKE	0021 ISO		100	10 units	41J
		🔒 INTERLOCK	0022 ISO		100	10 units	41J
		🔓 UNLOCK	0023 ISO		100	10 units	41J
		⬛ SETUP	0910 ISO		100	10 units	41J
		⊕ ON/OFF, MOMENTARY CONTACT	5011 IEC		100	10 units	41J
		👤 MANUAL OPERATION	0096 ISO		100	10 units	41J
		🔄 AUTOMATIC CYCLE	0017 ISO		100	10 units	41J
		💧 SUCTION	--		100	10 units	41J
		💨 BLOWING	--		100	10 units	41J

* You can order this quantity or a multiple thereof.
Illustrations are approximate

Options

Customized inscriptions

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

The default typeface used for inscriptions with text is Arial and the text is centered.

The font height is 2.5 mm.

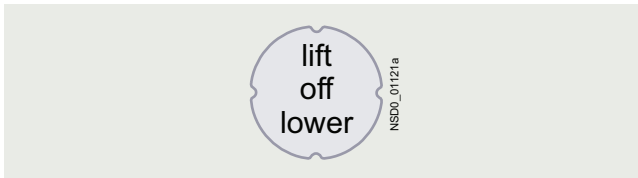
Examples of customized inscriptions



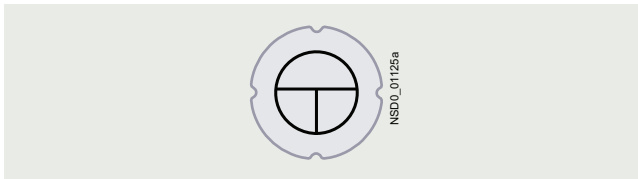
Two-line inscription in upper/lower case (Q0Y)



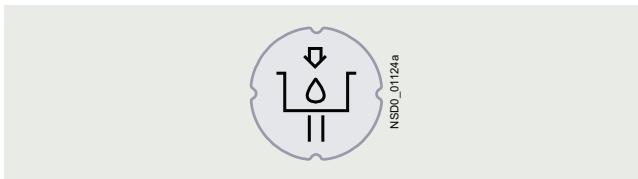
Single-line inscription in upper case (Q1Y)



Three-line inscription in lower case (Q2Y)



Symbol number 5011 according to IEC 60417 (Q3Y)



Any symbol according to order form supplement (Q9Y)

Ordering notes

Add one of the following order codes to the article number:

- **Q0Y:** Text line(s) in upper/lower case, always upper case for beginning of line,
e.g. Z1=Lift Z2=Lower
- **Q1Y:** Text line(s) in upper case,
e.g. Z1=LIFT Z2=LOWER
- **Q2Y:** Text line(s) in lower case,
e.g. Z1=lift off Z2=lower off
- **Q5Y:** Text line(s) in upper/lower case, all words begin with upper case letters,
e.g. Z1=Lift Off Z2=Lower Off
- **Q3Y:** Symbol with number according to ISO 7000 or IEC 60417
- **Q9Y:** Inscription of choice, text or symbol,
can only be ordered via SIRIUS ACT configurator with a Configuration Identification Number (CIN)

When ordering, specify the required inscription without umlauts (ä, ö, ü) and without spaces after Z=, Z1=, etc. in addition to the article number and order code (see [ordering examples 1 to 3](#)).

In the case of multi-line inscriptions, the text must be assigned to the respective line,
e.g. Z1=LIFT Z2=LOWER (see [ordering example 1](#)).

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

The SIRIUS ACT configurator must be used to select special inscriptions and symbols (see [ordering example 4](#)). In this case, a CIN (Configuration Identification Number) is generated for placement of future orders. It is then possible to place an order directly using the CIN and the SIRIUS ACT configurator (shopping cart in SiePortal) or via the standard ordering channels.

Standard ordering channels:

- Configurator: www.siemens.com/sirius-act/configurator
- SiePortal: www.siemens.com/sirius/mall

Ordering example 1

A label with 2 lines of text is required:

3SU1900-0AB71-0AZ0

Q1Y

Z1=LIFT

Z2=LOWER

Ordering example 2

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

3SU1900-0AB71-0AZ0

Q3Y

Z=5011 IEC

Ordering example 3

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

3SU1900-0AB71-0AZ0

Q3Y

Z=1118 ISO

Ordering example 4

A label with customized inscription is required:

3SU1900-0AB71-0AZ0

Q9Y

CIN.....

(20-digit number generated from the SIRIUS ACT configurator)

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Accessories

Labels > Label holders for labeling plates

Overview

Label holders of black plastic, and labeling plates (black with white print or silver-colored with black print) for sticking or snapping in place, are available for labeling. They are not suitable for EMERGENCY-STOP buttons. Note mounting dimensions!

The label holders cannot be used in conjunction with sealing plugs, protective caps, protective collars and locking devices.

Inscription

The inscription is in upper/lower case, all words begin with upper case letters. Graphic symbols, including those not listed in the catalog, are according to ISO 7000 or IEC 60417.

Customized inscriptions, see [Options](#), page 13/120.

Labeling plates for sticking/snapping in place

The labels are available in three sizes:

- 12.5 mm x 27 mm
- 17.5 mm x 27 mm
- 27 mm x 27 mm

For mounting the labeling plates, you can choose between label holders for stick-on or snap-on mounting.

Selection and ordering data

Multi-unit packaging, see page 13/17.

Material, label holder shape	Mounting diameter	Label holder color	Label fastening method	Labeling plate size		Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
	mm			Height	Width					
	mm			mm	mm					

Label holders for labeling plates

For 1 labeling plate



3SU1900-0AG10-0AA0

Plastic, with rounded bottom

22

Black

Self-adhesive

12.5
17.5
27

27
27
27

Snap-on

12.5
17.5
27

27
27
27

3SU1900-0AG10-0AA0
3SU1900-0AH10-0AA0
3SU1900-0AJ10-0AA0

100 10 units 41J
100 10 units 41J
100 10 units 41J

3SU1900-0AR10-0AA0
3SU1900-0AS10-0AA0
3SU1900-0AT10-0AA0

100 10 units 41J
100 10 units 41J
100 10 units 41J



3SU1900-0AN10-0AA0

Plastic, with square bottom

22

Black

Self-adhesive

12.5
17.5
27

27
27
27

3SU1900-0AN10-0AA0
3SU1900-0AP10-0AA0
3SU1900-0AQ10-0AA0

100 10 units 41J
100 10 units 41J
100 10 units 41J

For 2 labeling plates



3SU1900-0BQ10-0AA0

Plastic, with rounded bottom

22

Black

Self-adhesive

17.5

27

Snap-on

17.5

27

3SU1900-0BQ10-0AA0

1 10 units 41J

3SU1900-0BR10-0AA0

1 10 units 41J

For 4 labeling plates



3SU1900-0BT10-0AA0

Plastic, with rounded bottom

22

Black

Self-adhesive

17.5

27

Snap-on

17.5

27

3SU1900-0BS10-0AA0

1 10 units 41J

3SU1900-0BT10-0AA0

1 10 units 41J

For actuators and indicators



3SU1960-0AH10-0AA0

Plastic, with rounded bottom

30

Black

Self-adhesive

17.5

27

Snap-on

17.5

27

3SU1960-0AH10-0AA0

1 10 units 41J

3SU1960-0AS10-0AA0

1 10 units 41J

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Accessories

Labels > Label holders for labeling plates

Multi-unit packaging,
see page 13/17.

Multi-unit packaging, see page 13/17.							Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Material, label holder shape	Mounting diameter	Label holder color	Label fastening method	Labeling plate size							
	mm			Height	Width						
	mm			mm	mm						
Label holders for labeling plates, coordinate switches											
	Plastic, with square bottom	22	Black	Self-adhesive	27	27	3SU1900-0AL10-0AA0		1	1 unit	41J
3SU1900-0AL10-0AA0											
	Plastic, cross	22	Black	Self-adhesive	27	27	3SU1900-0AM10-0AA0		1	1 unit	41J
3SU1900-0AM10-0AA0											
Label holders for labeling plates, twin pushbuttons											
	Plastic, rectangular	22	Black	Self-adhesive	12.5	27	3SU1900-0AK10-0AA0		100	10 units	41J
3SU1900-0AK10-0AA0											
Single frames											
	Plastic, square	22	Black	--	29.8	29.8	3SU1900-0AX10-0AA0		1	10 units	41J
3SU1900-0AX10-0AA0											

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Accessories

Labels > Labeling plates

Overview

Label holders of black plastic, and labeling plates (black with white print or silver-colored with black print) for sticking or snapping in place, are available for labeling. They are not suitable for EMERGENCY-STOP buttons. Note mounting dimensions!

The label holders cannot be used in conjunction with sealing plugs, protective caps, protective collars and locking devices.

Inscription

The inscription is in upper/lower case, all words begin with upper case letters. Graphic symbols, including those not listed in the catalog, are according to ISO 7000 or IEC 60417.

Customized inscriptions, see [Options](#), page 13/120.

Labeling plates for sticking/snapping in place

The labels are available in three sizes:

- 12.5 mm x 27 mm
- 17.5 mm x 27 mm
- 27 mm x 27 mm

For mounting the labeling plates, you can choose between label holders for stick-on or snap-on mounting.

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Color	Marking	Symbol No.	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Labeling plates 12.5 mm x 27 mm							
	For self-inscription						
	Black/white (label/lettering)	None	--	3SU1900-0AC16-0AA0	100	10 units	41J
	With customized inscription						
	Black/white (label/lettering)	Inscriptions or symbols, see Options , page 13/120.	--	3SU1900-0AC16-0AZ0	1	1 unit	41J
	Inscription in German						
	Black/white (label/lettering)	Ein	--	3SU1900-0AC16-0AB0	100	10 units	41J
		Aus	--	3SU1900-0AC16-0AC0	100	10 units	41J
		Auf	--	3SU1900-0AC16-0AD0	100	10 units	41J
		Ab	--	3SU1900-0AC16-0AE0	100	10 units	41J
		Vor	--	3SU1900-0AC16-0AF0	100	10 units	41J
		Zurück	--	3SU1900-0AC16-0AG0	100	10 units	41J
		Rechts	--	3SU1900-0AC16-0AH0	100	10 units	41J
		Links	--	3SU1900-0AC16-0AJ0	100	10 units	41J
		Halt	--	3SU1900-0AC16-0AK0	100	10 units	41J
		Zu	--	3SU1900-0AC16-0AL0	100	10 units	41J
		Betrieb	--	3SU1900-0AC16-0AP0	100	10 units	41J
		Störung	--	3SU1900-0AC16-0AQ0	100	10 units	41J
		Hand Auto	--	3SU1900-0AC16-0DB0	100	10 units	41J
		Hand O Auto	--	3SU1900-0AC16-0DD0	100	10 units	41J
	Inscription in English						
	Black/white (label/lettering)	On	--	3SU1900-0AC16-0DJ0	100	10 units	41J
		Off	--	3SU1900-0AC16-0DK0	100	10 units	41J
		Up	--	3SU1900-0AC16-0DL0	100	10 units	41J
		Down	--	3SU1900-0AC16-0DM0	100	10 units	41J
		Forward	--	3SU1900-0AC16-0DN0	100	10 units	41J
		Reverse	--	3SU1900-0AC16-0DP0	100	10 units	41J
		Right	--	3SU1900-0AC16-0DQ0	100	10 units	41J
		Left	--	3SU1900-0AC16-0DR0	100	10 units	41J
		Stop	--	3SU1900-0AC16-0DS0	100	10 units	41J
		Start	--	3SU1900-0AC16-0DT0	100	10 units	41J
		Reset	--	3SU1900-0AC16-0DU0	100	10 units	41J
		Test	--	3SU1900-0AC16-0DV0	100	10 units	41J
		Open	--	3SU1900-0AC16-0DW0	100	10 units	41J
		Close	--	3SU1900-0AC16-0DX0	100	10 units	41J
		Jog	--	3SU1900-0AC16-0DE0	100	10 units	41J
		Running	--	3SU1900-0AC16-0EB0	100	10 units	41J
		Fault	--	3SU1900-0AC16-0EC0	100	10 units	41J
		Run	--	3SU1900-0AC16-0ED0	100	10 units	41J
		Stop Start	--	3SU1900-0AC16-0DC0	100	10 units	41J
		Off On	--	3SU1900-0AC16-0DH0	100	10 units	41J
		Power off	--	3SU1900-0AC16-0DF0	100	10 units	41J
		Power on	--	3SU1900-0AC16-0DG0	100	10 units	41J
		Man O Auto	--	3SU1900-0AC16-0DY0	100	10 units	41J
		Man Auto	--	3SU1900-0AC16-0EA0	100	10 units	41J

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Accessories

Labels > Labeling plates

Multi-unit packaging,
see page 13/17.

Color	Marking	Symbol No.	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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Labeling plates 12.5 mm x 27 mm

 3SU1900-0AC16-0GA0	Inscription in French						
	Black/white (label/lettering)	Marche	--	3SU1900-0AC16-0GA0	100	10 units	41J
		Arrêt	--	3SU1900-0AC16-0GB0	100	10 units	41J
		Montée	--	3SU1900-0AC16-0GC0	100	10 units	41J
		Descente	--	3SU1900-0AC16-0GD0	100	10 units	41J
		Avant	--	3SU1900-0AC16-0GE0	100	10 units	41J
		Retour	--	3SU1900-0AC16-0GF0	100	10 units	41J
		Droite	--	3SU1900-0AC16-0GG0	100	10 units	41J
		Gauche	--	3SU1900-0AC16-0GH0	100	10 units	41J
		Ouvert	--	3SU1900-0AC16-0GJ0	100	10 units	41J
		Fermé	--	3SU1900-0AC16-0GK0	100	10 units	41J
		Rapide	--	3SU1900-0AC16-0GL0	100	10 units	41J
		En service	--	3SU1900-0AC16-0GM0	100	10 units	41J
		Défaut	--	3SU1900-0AC16-0GN0	100	10 units	41J
		Réglage	--	3SU1900-0AC16-0GP0	100	10 units	41J
		Arrêt d'urgence	--	3SU1900-0AC16-0GQ0	100	10 units	41J
		Hors service	--	3SU1900-0AC16-0GR0	100	10 units	41J
		Sous tension	--	3SU1900-0AC16-0GS0	100	10 units	41J
		Manu Auto	--	3SU1900-0AC16-0GT0	100	10 units	41J
		Marche Arrêt	--	3SU1900-0AC16-0GU0	100	10 units	41J
		Réarmement	--	3SU1900-0AC16-0GV0	100	10 units	41J
 3SU1900-0AC16-0QG0	With symbol						
	Black/white (label/lettering)	O	--	3SU1900-0AC16-0QA0	100	10 units	41J
		I	--	3SU1900-0AC16-0QB0	100	10 units	41J
		O I	--	3SU1900-0AC16-0QG0	100	10 units	41J
		1 2	--	3SU1900-0AC16-0QJ0	100	10 units	41J
		↑ ARROW DIRECTION UP	--	3SU1900-0AC16-0QS0	100	10 units	41J

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

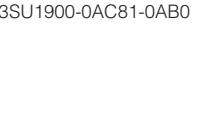
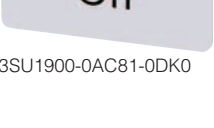
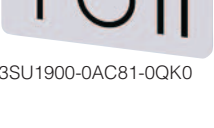
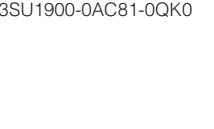
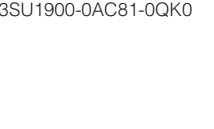
Accessories

Labels > Labeling plates

Multi-unit packaging,
see page 13/17.

Color	Marking	Symbol No.	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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Labeling plates 12.5 mm x 27 mm

	For self-inscription						
	Silver/black (label/lettering)	None	--	3SU1900-0AC81-0AA0	100	10 units	41J
	With customized inscription						
	Silver/black (label/lettering)	Inscriptions or symbols, see Options, page 13/120.	--	3SU1900-0AC81-0AZ0	1	1 unit	41J
	Inscription in German						
	Silver/black (label/lettering)	Ein	--	3SU1900-0AC81-0AB0	100	10 units	41J
		Aus	--	3SU1900-0AC81-0AC0	100	10 units	41J
		Auf	--	3SU1900-0AC81-0AD0	100	10 units	41J
		Ab	--	3SU1900-0AC81-0AE0	100	10 units	41J
		Vor	--	3SU1900-0AC81-0AF0	100	10 units	41J
		Zurück	--	3SU1900-0AC81-0AG0	100	10 units	41J
		Rechts	--	3SU1900-0AC81-0AH0	100	10 units	41J
		Links	--	3SU1900-0AC81-0AJ0	100	10 units	41J
		Halt	--	3SU1900-0AC81-0AK0	100	10 units	41J
		Zu	--	3SU1900-0AC81-0AL0	100	10 units	41J
		Schnell	--	3SU1900-0AC81-0AM0	100	10 units	41J
		Langsam	--	3SU1900-0AC81-0AN0	100	10 units	41J
		Betrieb	--	3SU1900-0AC81-0AP0	100	10 units	41J
		Störung	--	3SU1900-0AC81-0AQ0	100	10 units	41J
		Einrichten	--	3SU1900-0AC81-0AR0	100	10 units	41J
		Hand Auto	--	3SU1900-0AC81-0DB0	100	10 units	41J
		Stop Start	--	3SU1900-0AC81-0DC0	100	10 units	41J
		Hand O Auto	--	3SU1900-0AC81-0DD0	100	10 units	41J
	Inscription in English						
		On	--	3SU1900-0AC81-0DJ0	100	10 units	41J
		Off	--	3SU1900-0AC81-0DK0	100	10 units	41J
		Up	--	3SU1900-0AC81-0DL0	100	10 units	41J
		Down	--	3SU1900-0AC81-0DM0	100	10 units	41J
		Stop	--	3SU1900-0AC81-0DS0	100	10 units	41J
		Start	--	3SU1900-0AC81-0DT0	100	10 units	41J
		Reset	--	3SU1900-0AC81-0DU0	100	10 units	41J
		Test	--	3SU1900-0AC81-0DV0	100	10 units	41J
		Open	--	3SU1900-0AC81-0DW0	100	10 units	41J
		Close	--	3SU1900-0AC81-0DX0	100	10 units	41J
		Man O Auto	--	3SU1900-0AC81-0DY0	100	10 units	41J
		Man Auto	--	3SU1900-0AC81-0EA0	100	10 units	41J
		Running	--	3SU1900-0AC81-0EB0	100	10 units	41J
		Fault	--	3SU1900-0AC81-0EC0	100	10 units	41J
		Fast	--	3SU1900-0AC81-0EE0	100	10 units	41J
		Slow	--	3SU1900-0AC81-0EF0	100	10 units	41J
	With symbol						
	Silver/black (label/lettering)	O	5008 IEC	3SU1900-0AC81-0QA0	100	10 units	41J
		I	5007 IEC	3SU1900-0AC81-0QB0	100	10 units	41J
		II	--	3SU1900-0AC81-0QC0	100	10 units	41J
		III	--	3SU1900-0AC81-0QD0	100	10 units	41J
		O I	--	3SU1900-0AC81-0QG0	100	10 units	41J
		I O II	--	3SU1900-0AC81-0QK0	100	10 units	41J
		1 O 2	--	3SU1900-0AC81-0QL0	100	10 units	41J
		→ ARROW DIRECTION TO RIGHT	5022 IEC	3SU1900-0AC81-0QR0	100	10 units	41J
		↑ ARROW DIRECTION UP	--	3SU1900-0AC81-0QS0	100	10 units	41J

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

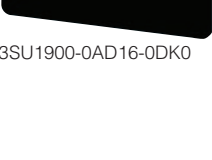
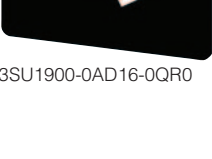
Accessories

Labels > Labeling plates

Multi-unit packaging,
see page 13/17.

Color	Marking	Symbol No.	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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Labeling plates 17.5 mm x 27 mm

	For self-inscription						
	Black/white (label/lettering)	None	--	3SU1900-0AD16-0AA0	100	10 units	41J
	With customized inscription						
	Black/white (label/lettering)	Inscriptions or symbols, see Options, page 13/120.		3SU1900-0AD16-0AZ0	1	1 unit	41J
Inscription in German							
	Black/white (label/lettering)	Ein	--	3SU1900-0AD16-0AB0	100	10 units	41J
		Aus	--	3SU1900-0AD16-0AC0	100	10 units	41J
		Auf	--	3SU1900-0AD16-0AD0	100	10 units	41J
		Ab	--	3SU1900-0AD16-0AE0	100	10 units	41J
		Vor	--	3SU1900-0AD16-0AF0	100	10 units	41J
		Zurück	--	3SU1900-0AD16-0AG0	100	10 units	41J
		Halt	--	3SU1900-0AD16-0AK0	100	10 units	41J
		Zu	--	3SU1900-0AD16-0AL0	100	10 units	41J
		Betrieb	--	3SU1900-0AD16-0AP0	100	10 units	41J
		Störung	--	3SU1900-0AD16-0AQ0	100	10 units	41J
	Black/white (label/lettering)	Hand Auto	--	3SU1900-0AD16-0DB0	100	10 units	41J
		Inscription in English					
		Stop Start	--	3SU1900-0AD16-0DC0	100	10 units	41J
		On	--	3SU1900-0AD16-0DJ0	100	10 units	41J
		Off	--	3SU1900-0AD16-0DK0	100	10 units	41J
		Up	--	3SU1900-0AD16-0DL0	100	10 units	41J
		Down	--	3SU1900-0AD16-0DM0	100	10 units	41J
		Forward	--	3SU1900-0AD16-0DN0	100	10 units	41J
		Reverse	--	3SU1900-0AD16-0DP0	100	10 units	41J
		Right	--	3SU1900-0AD16-0DQ0	100	10 units	41J
	Black/white (label/lettering)	Stop	--	3SU1900-0AD16-0DS0	100	10 units	41J
		Start	--	3SU1900-0AD16-0DT0	100	10 units	41J
		Open	--	3SU1900-0AD16-0DW0	100	10 units	41J
		Close	--	3SU1900-0AD16-0DX0	100	10 units	41J
		Man Auto	--	3SU1900-0AD16-0EA0	100	10 units	41J
		Running	--	3SU1900-0AD16-0EB0	100	10 units	41J
		Fault	--	3SU1900-0AD16-0EC0	100	10 units	41J
		Inscription in French					
		Marche	--	3SU1900-0AD16-0GA0	100	10 units	41J
		Arrêt	--	3SU1900-0AD16-0GB0	100	10 units	41J
	Black/white (label/lettering)	Droite	--	3SU1900-0AD16-0GG0	100	10 units	41J
		Gauche	--	3SU1900-0AD16-0GH0	100	10 units	41J
		En service	--	3SU1900-0AD16-0GM0	100	10 units	41J
		Défaut	--	3SU1900-0AD16-0GN0	100	10 units	41J
		Sous tension	--	3SU1900-0AD16-0GS0	100	10 units	41J
		Manu Auto	--	3SU1900-0AD16-0GT0	100	10 units	41J
		Marche Arrêt	--	3SU1900-0AD16-0GU0	100	10 units	41J
		Réarmement	--	3SU1900-0AD16-0GV0	100	10 units	41J
		With symbol					
		O	5008 IEC	3SU1900-0AD16-0QA0	100	10 units	41J
	Black/white (label/lettering)	I	5007 IEC	3SU1900-0AD16-0QB0	100	10 units	41J
		O I	--	3SU1900-0AD16-0QG0	100	10 units	41J
		→ ARROW DIRECTION TO RIGHT	5022 IEC	3SU1900-0AD16-0QR0	100	10 units	41J
		↑ ARROW DIRECTION UP	--	3SU1900-0AD16-0QS0	100	10 units	41J

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Accessories

Labels > Labeling plates

Multi-unit packaging,
see page 13/17.

Color	Marking	Symbol No.	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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Labeling plates 17.5 mm x 27 mm

For self-inscription

Silver/black (label/lettering)	None	--	3SU1900-0AD81-0AA0		100	10 units	41J
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With customized inscription

Silver/black (label/lettering)	Inscriptions or symbols, see Options, page 13/120.		3SU1900-0AD81-0AZ0		1	1 unit	41J
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3SU1900-0AD81-0AA0

Inscription in German

Silver/black (label/lettering)	Ein	--	3SU1900-0AD81-0AB0		100	10 units	41J
	Aus	--	3SU1900-0AD81-0AC0		100	10 units	41J
	Auf	--	3SU1900-0AD81-0AD0		100	10 units	41J
	Ab	--	3SU1900-0AD81-0AE0		100	10 units	41J
	Vor	--	3SU1900-0AD81-0AF0		100	10 units	41J
	Zurück	--	3SU1900-0AD81-0AG0		100	10 units	41J
	Rechts	--	3SU1900-0AD81-0AH0		100	10 units	41J
	Halt	--	3SU1900-0AD81-0AK0		100	10 units	41J
	Zu	--	3SU1900-0AD81-0AL0		100	10 units	41J
	Betrieb	--	3SU1900-0AD81-0AP0		100	10 units	41J
	Störung	--	3SU1900-0AD81-0AQ0		100	10 units	41J
	Hand Auto	--	3SU1900-0AD81-0DB0		100	10 units	41J
	Hand O Auto	--	3SU1900-0AD81-0DD0		100	10 units	41J

3SU1900-0AD81-0AP0

Inscription in English

Silver/black (label/lettering)	On	--	3SU1900-0AD81-0DJ0		100	10 units	41J
	Off	--	3SU1900-0AD81-0DK0		100	10 units	41J
	Stop	--	3SU1900-0AD81-0DS0		100	10 units	41J
	Start	--	3SU1900-0AD81-0DT0		100	10 units	41J
	Reset	--	3SU1900-0AD81-0DU0		100	10 units	41J
	Man O Auto	--	3SU1900-0AD81-0DY0		100	10 units	41J
	Fault	--	3SU1900-0AD81-0EC0		100	10 units	41J

3SU1900-0AD81-0EC0

With symbol

Silver/black (label/lettering)	O	5008 IEC	3SU1900-0AD81-0QA0		100	10 units	41J
	I	5007 IEC	3SU1900-0AD81-0QB0		100	10 units	41J
	O I	--	3SU1900-0AD81-0QG0		100	10 units	41J
	I O II	--	3SU1900-0AD81-0QK0		100	10 units	41J
	I O 2	--	3SU1900-0AD81-0QL0		100	10 units	41J
	→	ARROW DIRECTION TO RIGHT	3SU1900-0AD81-0QR0		100	10 units	41J
	↑	ARROW DIRECTION UP	3SU1900-0AD81-0QS0		100	10 units	41J

3SU1900-0AD81-0QG0

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Accessories

Labels > Labeling plates

Multi-unit packaging,
see page 13/17.

Color	Marking	Symbol No.	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Labeling plates 27 mm x 27 mm							
For self-inscription							
	Black/white (label/lettering)	None	--	3SU1900-0AE16-0AA0	100	10 units	41J
	Silver/black (label/lettering)	None	--	3SU1900-0AE81-0AA0	100	10 units	41J
With customized inscription							
	Black/white (label/lettering)	Inscriptions or symbols, see Options, page 13/120.	--	3SU1900-0AE16-0AZ0	1	1 unit	41J
	Silver/black (label/lettering)		--	3SU1900-0AE81-0AZ0	1	1 unit	41J
Inscription in German							
	Black/white (label/lettering)	Ein	--	3SU1900-0AE16-0AB0	100	10 units	41J
		Aus	--	3SU1900-0AE16-0AC0	100	10 units	41J
		Auf	--	3SU1900-0AE16-0AD0	100	10 units	41J
		Ab	--	3SU1900-0AE16-0AE0	100	10 units	41J
		Vor	--	3SU1900-0AE16-0AF0	100	10 units	41J
		Zurück	--	3SU1900-0AE16-0AG0	100	10 units	41J
		Rechts	--	3SU1900-0AE16-0AH0	100	10 units	41J
		Links	--	3SU1900-0AE16-0AJ0	100	10 units	41J
		Halt	--	3SU1900-0AE16-0AK0	100	10 units	41J
		Zu	--	3SU1900-0AE16-0AL0	100	10 units	41J
		Betrieb	--	3SU1900-0AE16-0AP0	100	10 units	41J
		Störung	--	3SU1900-0AE16-0AQ0	100	10 units	41J
		Hand Auto	--	3SU1900-0AE16-0DB0	100	10 units	41J
Inscription in English							
	Black/white (label/lettering)	On	--	3SU1900-0AE16-0DJ0	100	10 units	41J
		Off	--	3SU1900-0AE16-0DK0	100	10 units	41J
		Up	--	3SU1900-0AE16-0DL0	100	10 units	41J
		Down	--	3SU1900-0AE16-0DM0	100	10 units	41J
		Forward	--	3SU1900-0AE16-0DN0	100	10 units	41J
		Reverse	--	3SU1900-0AE16-0DP0	100	10 units	41J
		Stop	--	3SU1900-0AE16-0DS0	100	10 units	41J
		Start	--	3SU1900-0AE16-0DT0	100	10 units	41J
		EMERGENCY STOP	--	3SU1900-0AE16-0DA0	100	10 units	41J
		Stop Start	--	3SU1900-0AE16-0DC0	100	10 units	41J
Inscription in French							
	Black/white (label/lettering)	Marche	--	3SU1900-0AE16-0GA0	100	10 units	41J
		Arrêt	--	3SU1900-0AE16-0GB0	100	10 units	41J
		Montée	--	3SU1900-0AE16-0GC0	100	10 units	41J
		Descente	--	3SU1900-0AE16-0GD0	100	10 units	41J
		En service	--	3SU1900-0AE16-0GM0	100	10 units	41J
		Défaut	--	3SU1900-0AE16-0GN0	100	10 units	41J
		Sous tension	--	3SU1900-0AE16-0GS0	100	10 units	41J
		Manu Auto	--	3SU1900-0AE16-0GT0	100	10 units	41J
		Marche Arrêt	--	3SU1900-0AE16-0GU0	100	10 units	41J
With symbol							
	Black/white (label/lettering)	O I	--	3SU1900-0AE16-0QG0	100	10 units	41J
		→ ARROW DIRECTION TO RIGHT	5022 IEC	3SU1900-0AE16-0QR0	100	10 units	41J

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Accessories

Labels > Labeling plates

Options

Customized inscriptions

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

The default typeface used for inscriptions with text is Arial and the text is centered.

Font height

Label size 12.5 mm x 27 mm, max. 3 lines:

Font height	1-line	4 mm
	2-line	3 mm
	3-line	1.75 mm

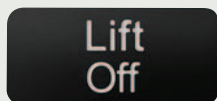
Label size 17.5 mm x 27 mm, max. 3 lines:

Font height	1- to 2-line	4 mm
	3-line	3 mm

Label size 27 mm x 27 mm, max. 5 lines:

Font height	1- to 3-line	4 mm
	4-line	3.5 mm
	5-line	3 mm

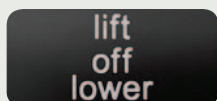
Examples of customized inscriptions



Two-line inscription in upper/lower case (Q0Y)



Single-line inscription in upper case (Q1Y)



Three-line inscription in lower case (Q2Y)



Symbol number 5011 according to IEC 60417 (Q3Y)



Any symbol according to order form supplement (Q9Y)

Ordering notes

Add one of the following order codes to the article number:

- **Q0Y:** Text line(s) in upper/lower case, always upper case for beginning of line, e.g. Z1=Lift Z2=Lower
- **Q1Y:** Text line(s) in upper case, e.g. Z1=LIFT Z2=LOWER
- **Q2Y:** Text line(s) in lower case, e.g. Z1=lift off Z2=lower off
- **Q5Y:** Text line(s) in upper/lower case, all words begin with upper case letters, e.g. Z1=Lift Off Z2=Lower Off
- **Q3Y:** Symbol with number according to ISO 7000 or IEC 60417
- **Q9Y:** Inscription of choice, text or symbol, can only be ordered via SIRIUS ACT configurator with a Configuration Identification Number (CIN)

When ordering, specify the required inscription without umlauts (ä, ö, ü) and without spaces after Z=, Z1=, etc. in addition to the article number and order code (see ordering examples 1 to 3).

In the case of multi-line inscriptions, the text must be assigned to the respective line, e.g. Z1=LIFT Z2=LOWER (see ordering example 1).

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

The SIRIUS ACT configurator must be used to select special inscriptions and symbols (see ordering example 4). In this case, a CIN (Configuration Identification Number) is generated for placement of future orders. It is then possible to place an order directly using the CIN and the SIRIUS ACT configurator (shopping cart in SiePortal) or via the standard ordering channels.

Standard ordering channels:

- Configurator: www.siemens.com/sirius-act/configurator
- SiePortal: www.siemens.com/sirius/mall

Ordering example 1

A label with 2 lines of text is required:

3SU1900-0AC16-0AZ0

Q1Y

Z1=LIFT

Z2=LOWER

Ordering example 2

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

3SU1900-0AC16-0AZ0

Q3Y

Z=5011 IEC

Ordering example 3

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

3SU1900-0AC16-0AZ0

Q3Y

Z=1118 ISO

Ordering example 4

An indicator light with customized inscription is required:

3SU1900-0AC16-0AZ0

Q9Y

CIN.....

(20-digit number generated from the SIRIUS ACT configurator)

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Accessories

Labels > Labeling plates for enclosures

Overview

The labeling plates in size 22 mm x 22 mm can be attached to enclosures with recesses for labels. There are versions in black with white print or silver-colored with black print.

Inscription

The inscription is in upper/lower case, all words begin with upper case letters. Graphic symbols, including those not listed in the catalog, are according to ISO 7000 or IEC 60417.

Customized inscriptions, see [Options](#), page 13/124.

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Color	Marking	Symbol No.	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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Labeling plates 22 mm x 22 mm

For self-inscription

Black/white (label/lettering)	None	--	3SU1900-0AF16-0AA0		100	10 units	41J
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With customized inscription

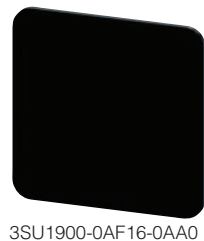
Black/white (label/lettering)	Inscriptions or symbols, see Options , page 13/124.		3SU1900-0AF16-0AZ0		1	1 unit	41J
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Inscription in German

Black/white (label/lettering)	Ein	--	3SU1900-0AF16-0AB0		1	10 units	41J
	Aus	--	3SU1900-0AF16-0AC0		1	10 units	41J
	Auf	--	3SU1900-0AF16-0AD0		1	10 units	41J
	Ab	--	3SU1900-0AF16-0AE0		1	10 units	41J
	Vor	--	3SU1900-0AF16-0AF0		1	10 units	41J
	Zurück	--	3SU1900-0AF16-0AG0		1	10 units	41J
	Rechts	--	3SU1900-0AF16-0AH0		1	10 units	41J
	Links	--	3SU1900-0AF16-0AJ0		1	10 units	41J
	Halt	--	3SU1900-0AF16-0AK0		1	10 units	41J
	Zu	--	3SU1900-0AF16-0AL0		1	10 units	41J
	Schnell	--	3SU1900-0AF16-0AM0		1	10 units	41J
	Langsam	--	3SU1900-0AF16-0AN0		1	10 units	41J
	Betrieb	--	3SU1900-0AF16-0AP0		1	10 units	41J
	Störung	--	3SU1900-0AF16-0AQ0		1	10 units	41J
	Einrichten	--	3SU1900-0AF16-0AR0		1	10 units	41J
	NOT AUS	--	3SU1900-0AF16-0AS0		1	10 units	41J

Inscription in English

Black/white (label/lettering)	On	--	3SU1900-0AF16-0DJ0		1	10 units	41J
	Off	--	3SU1900-0AF16-0DK0		1	10 units	41J
	Up	--	3SU1900-0AF16-0DL0		1	10 units	41J
	Down	--	3SU1900-0AF16-0DM0		1	10 units	41J
	Forward	--	3SU1900-0AF16-0DN0		1	10 units	41J
	Right	--	3SU1900-0AF16-0DQ0		1	10 units	41J
	Left	--	3SU1900-0AF16-0DR0		1	10 units	41J
	Stop	--	3SU1900-0AF16-0DS0		1	10 units	41J
	Start	--	3SU1900-0AF16-0DT0		1	10 units	41J
	Reset	--	3SU1900-0AF16-0DU0		1	10 units	41J
	Test	--	3SU1900-0AF16-0DV0		1	10 units	41J
	Open	--	3SU1900-0AF16-0DW0		1	10 units	41J
	Close	--	3SU1900-0AF16-0DX0		1	10 units	41J
	Running	--	3SU1900-0AF16-0EB0		1	10 units	41J
	Fault	--	3SU1900-0AF16-0EC0		1	10 units	41J
	Fast	--	3SU1900-0AF16-0EE0		1	10 units	41J
	Slow	--	3SU1900-0AF16-0EF0		1	10 units	41J
	EMERGENCY STOP	--	3SU1900-0AF16-0DA0		1	10 units	41J



3SU1900-0AF16-0AA0



3SU1900-0AF16-0AB0



3SU1900-0AF16-0AP0



3SU1900-0AF16-0DM0



3SU1900-0AF16-0EC0

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Accessories

Labels > Labeling plates for enclosures

Multi-unit packaging,
see page 13/17.

Color	Marking	Symbol No.	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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Labeling plates 22 mm x 22 mm

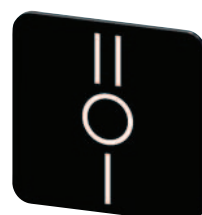
Inscription in French



3SU1900-0AF16-0GA0



3SU1900-0AF16-0GB0



3SU1900-0AF16-0QQ0



3SU1900-0AF16-0RW0

Black/white (label/lettering)	Marche	--	3SU1900-0AF16-0GA0	1	10 units	41J
	Arrêt	--	3SU1900-0AF16-0GB0	1	10 units	41J
	Montée	--	3SU1900-0AF16-0GC0	1	10 units	41J
	Descente	--	3SU1900-0AF16-0GD0	1	10 units	41J
	Retour	--	3SU1900-0AF16-0GF0	1	10 units	41J
	Droite	--	3SU1900-0AF16-0GG0	1	10 units	41J
	Gauche	--	3SU1900-0AF16-0GH0	1	10 units	41J
	Ouvert	--	3SU1900-0AF16-0GJ0	1	10 units	41J
	Fermé	--	3SU1900-0AF16-0GK0	1	10 units	41J
	Rapide	--	3SU1900-0AF16-0GL0	1	10 units	41J
	En service	--	3SU1900-0AF16-0GM0	1	10 units	41J
	Défaut	--	3SU1900-0AF16-0GN0	1	10 units	41J
	Sous tension	--	3SU1900-0AF16-0GS0	1	10 units	41J
	Manu Auto	--	3SU1900-0AF16-0GT0	1	10 units	41J
	Marche Arrêt	--	3SU1900-0AF16-0GU0	1	10 units	41J
	Réarmement	--	3SU1900-0AF16-0GV0	1	10 units	41J
	Lent	--	3SU1900-0AF16-0GW0	1	10 units	41J
	Arrêt d'urgence	--	3SU1900-0AF16-0GQ0	1	10 units	41J

With symbol (ON/OFF)

Black/white (label/lettering)	O	5008 IEC	3SU1900-0AF16-0QA0	1	10 units	41J
	I	5007 IEC	3SU1900-0AF16-0QB0	1	10 units	41J
	II	--	3SU1900-0AF16-0QC0	1	10 units	41J
	III	--	3SU1900-0AF16-0QD0	1	10 units	41J
	O I	--	3SU1900-0AF16-0QG0	1	10 units	41J
	I O II	--	3SU1900-0AF16-0QK0	1	10 units	41J
	I	--	3SU1900-0AF16-0QP0	1	10 units	41J
	O	--				
	(below each other)	--	3SU1900-0AF16-0QQ0	1	10 units	41J
	II	--				
	O	--				
	I	--				
	(below each other)	--				

With symbol (graphic)

Black/white (label/lettering)	→	ARROW DIRECTION TO RIGHT	5022 IEC	3SU1900-0AF16-0QR0	1	10 units	41J
		PUMP	0134 ISO	3SU1900-0AF16-0RD0	1	10 units	41J
		FAN	--	3SU1900-0AF16-0RV0	1	10 units	41J
		COOLING	--	3SU1900-0AF16-0RW0	1	10 units	41J
		ILLUMINATION	--	3SU1900-0AF16-0RX0	1	10 units	41J
		MOTOR	--	3SU1900-0AF16-0RY0	1	10 units	41J

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Accessories

Labels > Labeling plates for enclosures

Multi-unit packaging,
see page 13/17.

Color	Marking	Symbol No.	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Labeling plates 22 mm x 22 mm							
For self-inscription							
Silver/black (label/lettering)	None	--	3SU1900-0AF81-0AA0		100	10 units	41J
With customized inscription							
Silver/black (label/lettering)	Inscriptions or symbols, see Options, page 13/124.		3SU1900-0AF81-0AZ0		1	1 unit	41J
Inscription in German							
	Silver/black (label/lettering)	Ein	--	3SU1900-0AF81-0AB0	1	10 units	41J
		Aus	--	3SU1900-0AF81-0AC0	1	10 units	41J
		Auf	--	3SU1900-0AF81-0AD0	1	10 units	41J
		Ab	--	3SU1900-0AF81-0AE0	1	10 units	41J
		Vor	--	3SU1900-0AF81-0AF0	1	10 units	41J
		Zurück	--	3SU1900-0AF81-0AG0	1	10 units	41J
		Rechts	--	3SU1900-0AF81-0AH0	1	10 units	41J
		Links	--	3SU1900-0AF81-0AJ0	1	10 units	41J
		Halt	--	3SU1900-0AF81-0AK0	1	10 units	41J
		Zu	--	3SU1900-0AF81-0AL0	1	10 units	41J
		Schnell	--	3SU1900-0AF81-0AM0	1	10 units	41J
		Langsam	--	3SU1900-0AF81-0AN0	1	10 units	41J
		Betrieb	--	3SU1900-0AF81-0AP0	1	10 units	41J
		Störung	--	3SU1900-0AF81-0AQ0	1	10 units	41J
		Einrichten	--	3SU1900-0AF81-0AR0	1	10 units	41J
		NOT AUS	--	3SU1900-0AF81-0AS0	1	10 units	41J
		NOT-HALT	--	3SU1900-0AF81-0AT0	1	10 units	41J
		Hand O Auto	--	3SU1900-0AF81-0DD0	1	10 units	41J
Inscription in English							
	Silver/black (label/lettering)	Stop	--	3SU1900-0AF81-0DS0	1	10 units	41J
		Start	--	3SU1900-0AF81-0DT0	1	10 units	41J
		Reset	--	3SU1900-0AF81-0DU0	1	10 units	41J
		Test	--	3SU1900-0AF81-0DV0	1	10 units	41J
		Open	--	3SU1900-0AF81-0DW0	1	10 units	41J
With symbol (ON/OFF)							
	Silver/black (label/lettering)	O	5008 IEC	3SU1900-0AF81-0QA0	1	10 units	41J
		I	5007 IEC	3SU1900-0AF81-0QB0	1	10 units	41J
		II	--	3SU1900-0AF81-0QC0	1	10 units	41J
		III	--	3SU1900-0AF81-0QD0	1	10 units	41J
		O I	--	3SU1900-0AF81-0QG0	1	10 units	41J
		I O II	--	3SU1900-0AF81-0QK0	1	10 units	41J
		I	--	3SU1900-0AF81-0QP0	1	10 units	41J
		O (below each other)					
		II	--	3SU1900-0AF81-0QQ0	1	10 units	41J
		O (below each other)					
With symbol (graphic)							
Silver/black (label/lettering)	→	ARROW DIRECTION TO RIGHT	5022 IEC	3SU1900-0AF81-0QR0	1	10 units	41J

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Accessories

Labels > Labeling plates for enclosures

Options

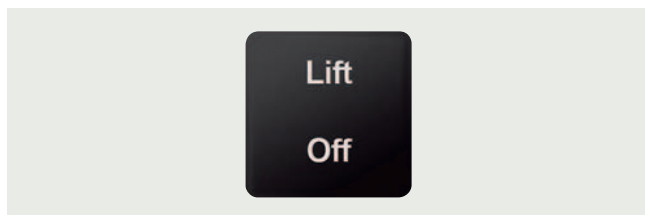
Customized inscriptions

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

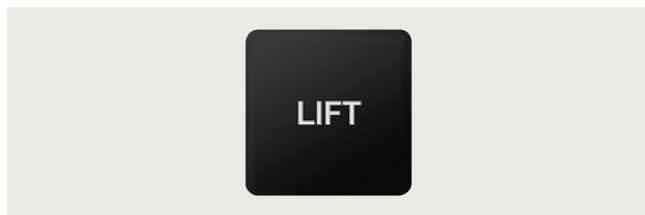
The default typeface used for inscriptions with text is Arial and the text is centered.

The font height is 4 mm (1- and 2-line) and 3.5 mm (3-line).

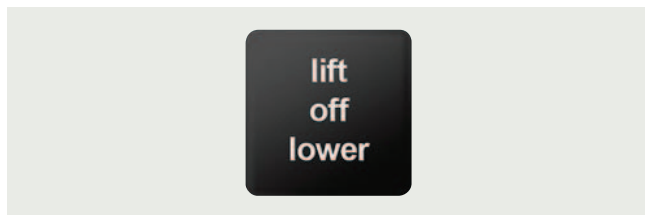
Examples of customized inscriptions



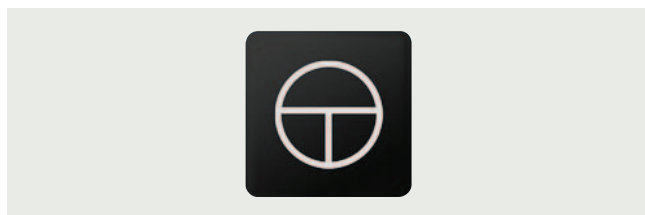
Two-line inscription in upper/lower case (Q0Y)



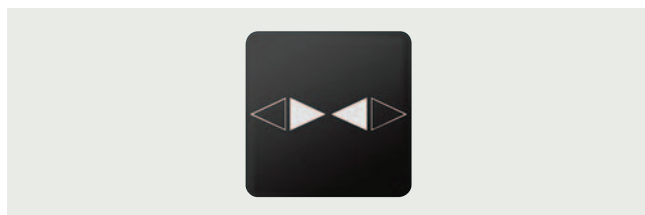
Single-line inscription in upper case (Q1Y)



Backing plate for enclosures, customized inscription (Q2Y)



Symbol number 5011 according to IEC 60417 (Q3Y)



Any symbol according to order form supplement (Q9Y)

Ordering notes

Add one of the following order codes to the article number:

- **Q0Y:** Text line(s) in upper/lower case, always upper case for beginning of line,
e.g. Z1=Lift Z2=Lower
- **Q1Y:** Text line(s) in upper case,
e.g. Z1=LIFT Z2=LOWER
- **Q2Y:** Text line(s) in lower case,
e.g. Z1=lift off Z2=lower off
- **Q5Y:** Text line(s) in upper/lower case, all words begin with upper case letters,
e.g. Z1=Lift Off Z2=Lower Off
- **Q3Y:** Symbol with number according to ISO 7000 or IEC 60417
- **Q9Y:** Inscription of choice, text or symbol,
can only be ordered via SIRIUS ACT configurator with a Configuration Identification Number (CIN)

When ordering, specify the required inscription without umlauts (ä, ö, ü) and without spaces after Z=, Z1=, etc. in addition to the article number and order code (see ordering examples 1 to 3).

In the case of multi-line inscriptions, the text must be assigned to the respective line,
e.g. Z1=LIFT Z2=LOWER (see ordering example 1).

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

The SIRIUS ACT configurator must be used to select special inscriptions and symbols (see ordering example 4). In this case, a CIN (Configuration Identification Number) is generated for placement of future orders. It is then possible to place an order directly using the CIN and the SIRIUS ACT configurator (shopping cart in SiePortal) or via the standard ordering channels.

Standard ordering channels:

- Configurator: www.siemens.com/sirius-act/configurator
- SiePortal: www.siemens.com/sirius/mall

Ordering example 1

A label with 2 lines of text is required:

3SU1900-0AF16-0AZ0

Q1Y

Z1=LIFT

Z2=LOWER

Ordering example 2

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

3SU1900-0AF16-0AZ0

Q3Y

Z=5011 IEC

Ordering example 3

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

3SU1900-0AF16-0AZ0

Q3Y

Z=1118 ISO

Ordering example 4

A label with customized inscription is required:

3SU1900-0AF16-0AZ0

Q9Y

CIN.....

(20-digit number generated from the SIRIUS ACT configurator)

Overview

More information

Label Designer software, see www.siemens.com/sirius-label-designer

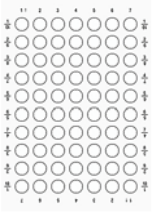
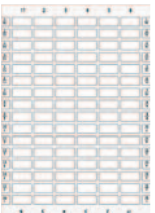
Label inscriptions

Using the *Label Designer* software, which can be downloaded from the internet, and the labeling plates for laser inscription you can create your own customized labels with a standard laser printer. The self-adhesive or snap-on labels can be stuck or snapped onto the corresponding label holders. Round labels are provided for inserting in illuminated pushbuttons and switches.

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

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

Selection and ordering data

	Mounting type	Height mm	Width mm	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Labels for printing – insert labels								
	Insert	--	--	3SU1900-0BH60-0AA0		100 490 units		41J
Labels for printing – labeling plates								
	Self-adhesive	12.5	27.5	3SU1900-0BJ61-0AA0		100 480 units		41J
		17.5	27	3SU1900-0BK61-0AA0		100 720 units		41J
		27	27	3SU1900-0BL61-0AA0		100 480 units		41J
		22	22	3SU1900-0BM61-0AA0		100 700 units		41J

3SU1900-0BH60-0AA0

3SU1900-0BJ61-0AA0

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Accessories

Labels > Other labels

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Color	Mount- ing diame- ter	Mount- ing type	Outer diame- ter	Marking	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
	mm		mm						

EMERGENCY-STOP backing plates (2 mm thick)



3SU1900-0BB31-0AT0

Yellow/black (label/lettering)	22	None	45	None	3SU1900-0BA31-0AA0		1	10 units	41J
				EMERGENCY OFF (Polish)	3SU1900-0BA31-0ND0		1	10 units	41J
			60	None	3SU1900-0BN31-0AA0		1	10 units	41J
				NOT-HALT, EMERGENCY STOP, ARRÊT D'URGENCE, EMERGENZA (German, English, French, Italian)	3SU1900-0BN31-0NC0		1	10 units	41J
			75	None	3SU1900-0BB31-0AA0		1	10 units	41J
				NOT-AUS	3SU1900-0BB31-0AS0		1	10 units	41J
				NOT-HALT	3SU1900-0BB31-0AT0		1	10 units	41J
				EMERGENCY STOP	3SU1900-0BB31-0DA0		1	10 units	41J
				EMERGENCY OFF (Polish)	3SU1900-0BB31-0ND0		1	10 units	41J

With customized inscription

Yellow/black (label/lettering)	22	None	45	Inscriptions or symbols, see Options, page 13/128.	3SU1900-0BA31-0AZ0		1	10 units	41J
			75		3SU1900-0BB31-0AZ0		1	10 units	41J

EMERGENCY-STOP backing plates (5 mm thick), illuminated (24 V AC/DC)



3SU1901-0BD31-0AA0

Yellow/black (label/lettering)	22	Self- adhe- sive	60	None	3SU1901-0BD31-0AA0		1	1 unit	41J
				NOT-AUS	3SU1901-0BD31-0AS0		1	1 unit	41J
				NOT-HALT	3SU1901-0BD31-0AT0		1	1 unit	41J
				EMERGENCY STOP	3SU1901-0BD31-0DA0		1	1 unit	41J
				NOT-HALT, EMERGENCY STOP, EMERGENZA, EMERGENCIA (German, English, Italian, Spanish)	3SU1901-0BD31-0NB0		1	1 unit	41J

With customized inscription

Yellow/black (label/lettering)	22	None	60	Inscriptions or symbols, see Options, page 13/128.	3SU1901-0BD31-0AZ0		1	1 unit	41J
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EMERGENCY-STOP backing plates (0.3 mm thick)



3SU1900-0BC31-0NB0

Yellow/black (label/lettering)	22	Self- adhe- sive	75	None	3SU1900-0BC31-0AA0		1	10 units	41J
				NOT-AUS	3SU1900-0BC31-0AS0		1	10 units	41J
				NOT-HALT	3SU1900-0BC31-0AT0		1	10 units	41J
				EMERGENCY STOP	3SU1900-0BC31-0DA0		1	10 units	41J
				ARRÊT D'URGENCE	3SU1900-0BC31-0GQ0		1	10 units	41J
				EMERGENZA	3SU1900-0BC31-0JA0		1	10 units	41J
				Nødstop	3SU1900-0BC31-0LA0		1	10 units	41J
				EMERGENCY OFF (Chinese)	3SU1900-0BC31-0MA0		1	10 units	41J
				NOT-HALT, EMERGENCY STOP, EMERGENZA, EMERGENCIA (German, English, Italian, Spanish)	3SU1900-0BC31-0NB0		1	10 units	41J

With customized inscription

Yellow/black (label/lettering)	22	Self- adhe- sive	75	Inscriptions or symbols, see Options, page 13/128.	3SU1900-0BC31-0AZ0		1	1 unit	41J
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Labeling plates (1.2 mm thick) for potentiometers



3SU1900-0BG16-0RU0

Black/white (label/lettering)	22	None	40	None	3SU1900-0BG16-0AA0		1	10 units	41J
				0 ... 9	3SU1900-0BG16-0RT0		1	10 units	41J
				0 ... 10	3SU1900-0BG16-0SA0		1	10 units	41J
				Symbol: Power up	3SU1900-0BG16-0RU0		1	10 units	41J

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Accessories

Labels > Other labels

	Color	Mounting diameter	Label fastening method	Height	Width	Marking	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
		mm		mm	mm						
Labeling plates (0.3 mm thick) for enclosures with EMERGENCY STOP without recess											
	Yellow/black (label/lettering)	22	Self-adhesive	38	112	None NOT-AUS NOT-HALT	3SU1900-0BE31-0AA0 3SU1900-0BE31-0AS0 3SU1900-0BE31-0AT0		1 10 units 1 10 units 1 10 units		41J 41J 41J
3SU1900-0BE31-0AS0											
Labeling plates (0.3 mm thick) for enclosures with EMERGENCY STOP with recess											
	Yellow/black (label/lettering)	22	Self-adhesive	38	112	None	3SU1900-0BF31-0AA0		1 10 units		41J
3SU1900-0BF31-0AA0											
Unit labeling plates for modules with front plate mounting											
	White/black (label/lettering)	22	Insert	9.5	10.5	None	3SU1900-0AY61-0AA0		100 10 units		41J
3SU1900-0AY61-0AA0											

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Accessories

Labels > Other labels

Options

Customized inscriptions

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

The EMERGENCY-STOP backing plates/labels can be divided into as many as four radial segments. Each segment can be custom-labeled.

The default typeface used for inscriptions with text is Arial and the text is centered.

EMERGENCY-STOP backing plate/label 75 mm:

The font height is 5 mm.

Two or four radial segments are permitted.

EMERGENCY-STOP backing plate 60 mm:

The font height is 4 mm.

Two or four radial segments are permitted.

EMERGENCY-STOP backing plate 45 mm:

The font height is 4 mm.

Two radial segments are permitted.

Ordering notes

Add one of the following order codes to the article number:

- **Q0Y:** Segment(s) in upper/lower case, always upper case for beginning of segment, e.g. Z1=Not halt Z2=Emergency stop
- **Q1Y:** Segment(s) in upper case, e.g. Z1=NOT HALT Z2=EMERGENCY STOP
- **Q2Y:** Segment(s) in lower case, e.g. Z1=not halt Z2=emergency stop
- **Q5Y:** Segment(s) in upper/lower case, all words begin with upper case letters, e.g. Z1=Not Halt Z2=Emergency Stop
- **Q3Y:** Symbol with number according to ISO 7000 or IEC 60417
- **Q9Y:** Inscription of choice, text or symbol, can only be ordered via SIRIUS ACT configurator with a Configuration Identification Number (CIN)

When ordering, specify the required inscription without umlauts (ä, ö, ü) and without spaces after Z=, Z1 =, etc. in addition to the article number and order code (see ordering examples 1 to 4).

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

The SIRIUS ACT configurator must be used to select special inscriptions and symbols (see ordering example 5). In this case, a CIN (Configuration Identification Number) is generated for placement of future orders. It is then possible to place an order directly using the CIN and the SIRIUS ACT configurator (shopping cart in SiePortal) or via the standard ordering channels.

Standard ordering channels:

- Configurator: www.siemens.com/sirius-act/configurator
- SiePortal: www.siemens.com/sirius/mall

With ordering options Q0Y, Q1Y, Q2Y, Q3Y and Q5Y, a single-line inscription of two or four radial segments can be implemented. The text or symbol must be assigned to the respective radial segments as follows:

Ordering example 1, two radial segments

An EMERGENCY-STOP backing plate, 75 mm diameter, with two radial segments is required



3SU1900-0BB31-0AZ0

Q1Y

Z1=NOT

Z2=HALT

Ordering example 2, four radial segments

An EMERGENCY-STOP backing plate, 75 mm diameter, with four radial segments is required



3SU1900-0BB31-0AZ0

Q1Y

Z1=E-STOP

Z2=EMERGENCIA

Z3=NOT-HALT

Z4=EMERGENZA

Ordering example 3

An EMERGENCY-STOP backing plate, 75 mm diameter, with symbol No. 5011 according to IEC 60417 is required:

3SU1900-0BB31-0AZ0

Q3Y

Z=5011 IEC

Ordering example 4

An EMERGENCY-STOP backing plate, 75 mm diameter, with symbol No. 1118 according to ISO 7000 is required:

3SU1900-0BB31-0AZ0

Q3Y

Z=1118 ISO

Ordering example 5

An EMERGENCY-STOP backing plate, 75 mm diameter, with customized inscription is required:

3SU1900-0BB31-0AZ0

Q9Y

CIN.....

(20-digit number generated from the SIRIUS ACT configurator)

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Accessories

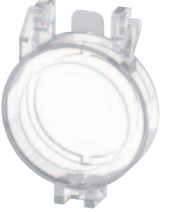
Protection/Access protection

Overview

Protection and access protection are suitable for actuators and indicators with a diameter of 22 mm and 30 mm.

The protective collars cannot be used in conjunction with label holders or single frames.

Selection and ordering data

	Product designation Product version	Mount- ing diame- ter mm	Material	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Protective caps									
	Sealable caps for pushbuttons, flat	22	Plastic	Black Clear	3SU1900-0DA10-0AA0		1	1 unit	41J
					3SU1900-0DA70-0AA0		1	1 unit	41J
	Sealable caps for • Pushbuttons, raised • Pushbuttons with front ring, raised • Pushbuttons with front ring, raised, castellated	22	Plastic	Black Clear	3SU1900-0EL10-0AA0 3SU1900-0EL70-0AA0		1 1	1 unit 1 unit	41J 41J
	Sealable cap for pushbuttons, flat	30	Plastic	Clear	3SU1960-0DA70-0AA0		1	1 unit	41J
	Sealable cap for selector switches, short	30	Plastic	Clear	3SU1960-0EY70-0AA0		1	1 unit	41J
	Silicone protective caps for pushbuttons, flat¹⁾	22	Plastic	Clear	3SU1900-0DB70-0AA0		1	5 units	41J

¹⁾ Suitable for the food and beverage industry.

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Accessories

Protection/Access protection

Product designation Product version		Mount- ing diame- ter mm	Material	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Protective caps									
	Silicone-free protective cap for pushbuttons, flat	22	Plastic	Clear	3SU1900-0ED70-0AA0		1	1 unit	41J
3SU1900-0ED70-0AA0									
	Silicone protective cap for pushbuttons, raised¹⁾	22	Plastic	Clear	3SU1900-0DC70-0AA0		1	1 unit	41J
3SU1900-0DC70-0AA0									
	Silicone-free protective cap for pushbuttons, raised	22	Plastic	Clear	3SU1900-0EE70-0AA0		1	1 unit	41J
3SU1900-0EE70-0AA0									
	Silicone protective cap for selectors, short¹⁾	22	Plastic	Clear	3SU1900-0DD70-0AA0		1	1 unit	41J
3SU1900-0DD70-0AA0									
	Silicone-free protective cap for selectors, short	22	Plastic	Clear	3SU1900-0EF70-0AA0		1	1 unit	41J
3SU1900-0EF70-0AA0									
	Silicone protective cap for mushroom pushbuttons, 40 mm¹⁾	22	Plastic	Clear	3SU1900-0DE70-0AA0		1	1 unit	41J
3SU1900-0DE70-0AA0									

¹⁾ Suitable for the food and beverage industry.

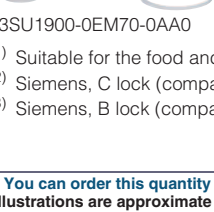
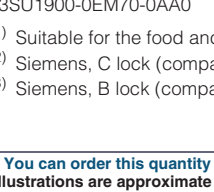
Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Accessories

Protection/Access protection

Multi-unit packaging,
see page 13/17.

	Product designation Product version	Mount- ing diame- ter mm	Material	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Protective caps									
	Silicone-free protective cap for mushroom pushbuttons, 40 mm	22	Plastic	Clear	3SU1900-0EG70-0AA0		1	1 unit	41J
3SU1900-0EG70-0AA0									
	Silicone protective cap for EMERGENCY STOP, 30 mm¹⁾	22	Plastic	Clear	3SU1900-0EN70-0AA0		1	1 unit	41J
3SU1900-0EN70-0AA0									
	Silicone protective cap for EMERGENCY STOP, 40 mm¹⁾	22	Plastic	Clear	3SU1900-0DF70-0AA0		1	1 unit	41J
3SU1900-0DF70-0AA0									
	Silicone protective cap for twin pushbuttons, flat¹⁾	22	Plastic	Clear	3SU1900-0DG70-0AA0		1	1 unit	41J
3SU1900-0DG70-0AA0									
	Silicone protective cap for twin pushbuttons, raised¹⁾	22	Plastic	Clear	3SU1900-0DH70-0AA0		1	1 unit	41J
3SU1900-0DH70-0AA0									
	Silicone-free protective cap for twin pushbuttons, raised	22	Plastic	Clear	3SU1900-0EK70-0AA0		1	1 unit	41J
3SU1900-0EK70-0AA0									
	Dust cap for key-operated switches For RONIS, O.M.R., Siemens, C ²⁾ and Siemens, B ³⁾	22	Plastic	Clear	3SU1900-0EB10-0AA0		1	1 unit	41J
3SU1900-0EB10-0AA0									
	Dust cap for ID key-operated switches	22	Plastic	Clear	3SU1900-0EM70-0AA0		1	1 unit	41J
3SU1900-0EM70-0AA0									

¹⁾ Suitable for the food and beverage industry.

²⁾ Siemens, C lock (compatible with CES locks).

³⁾ Siemens, B lock (compatible with BKS locks).

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Accessories

Protection/Access protection

Product designation Product version		Mount- ing diame- ter mm	Material	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Protective collars									
	Sun collar for illuminated pushbuttons	22	Plastic	Black	3SU1900-0DJ10-0AA0		1	1 unit	41J
	3SU1900-0DJ10-0AA0								
	360° protective collar for pushbuttons and selectors, short	22	Plastic	Black	3SU1900-0DW10-0AA0		1	1 unit	41J
	3SU1900-0DW10-0AA0								
	360° protective collar for pushbuttons Visibility from the side	22	Metal	Silver	3SU1950-0DK80-0AA0		1	1 unit	41J
	3SU1950-0DK80-0AA0								
	360° protective collar for mushroom pushbuttons 40 mm, visibility from the side	22	Metal	Silver	3SU1950-0DL80-0AA0		1	1 unit	41J
	3SU1950-0DL80-0AA0								
	Protective collars for EMERGENCY-STOP mushroom pushbuttons Without lock or with RONIS lock	22	Plastic	Yellow Gray	3SU1900-0DY30-0AA0 3SU1900-0DY80-0AA0		1 1	1 unit 1 unit	41J 41J
	3SU1900-0DY30-0AA0								

* You can order this quantity or a multiple thereof.
Illustrations are approximate

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Accessories

Protection/Access protection

Multi-unit packaging,
see page 13/17.

Product designation Product version	Mount- ing diame- ter mm	Material	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Protective collars								
 Protective collar for EMERGENCY-STOP mushroom pushbuttons 30 and 40 mm, can be mounted in the top position 3SU1900-0JH30-0AA0	22	Plastic	Yellow	3SU1900-0JH30-0AA0		1	1 unit	41J
 Protective collars for EMERGENCY-STOP mushroom pushbuttons Without lock or with RONIS lock, 40 mm, for 5 padlocks 3SU1950-0DX30-0AA0	22	Metal	Yellow Gray	3SU1950-0DX30-0AA0 3SU1950-0DX80-0AA0		1 1	1 unit 1 unit	41J 41J
 Protective collar for EMERGENCY-STOP mushroom pushbuttons 60 mm, for 3 padlocks 3SU1900-0EX30-0AA0	22	Plastic	Yellow	3SU1900-0EX30-0AA0		1	1 unit	41J
 360° protective collar for • Mushroom pushbuttons (30, 40 and 60 mm) • EMERGENCY-STOP mushroom pushbuttons without lock (40 and 60 mm) • EMERGENCY-STOP mushroom pushbuttons with RONIS lock (40 mm) 3SU1900-0EA30-0AA0	22	Plastic	Yellow	3SU1900-0EA30-0AA0		1	1 unit	41J

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Accessories

Protection/Access protection

	Product version	Mounting diameter mm	Material	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Locking devices									
 3SU1950-0DM80-0AA0	Locking device for pushbuttons Flat, for raised front ring and raised, castellated front ring	22	Metal	Silver	3SU1950-0DM80-0AA0		1	1 unit	41J
 3SU1950-0DN80-0AA0	Locking device for pushbuttons Raised	22	Metal	Silver	3SU1950-0DN80-0AA0		1	1 unit	41J
 3SU1950-0DP80-0AA0	Locking device for mushroom pushbuttons D30, D40	22	Metal	Silver	3SU1950-0DP80-0AA0		1	1 unit	41J
 3SU1950-0DQ80-0AA0	Locking device for selectors Short/long actuator, in the left position	22	Metal	Silver	3SU1950-0DQ80-0AA0		1	1 unit	41J
 3SU1950-0DR80-0AA0	Locking device for selectors Short/long actuator, in the center position	22	Metal	Silver	3SU1950-0DR80-0AA0		1	1 unit	41J
 3SU1950-0DS80-0AA0	Locking device for selectors Short/long actuator, in the right position	22	Metal	Silver	3SU1950-0DS80-0AA0		1	1 unit	41J
 3SU1950-0DT80-0AA0	Locking device for selectors Short/long actuator, window from center to right, blocked on left	22	Metal	Silver	3SU1950-0DT80-0AA0		1	1 unit	41J
 3SU1950-0DU80-0AA0	Locking device for selectors Short/long actuator, window from center to left, blocked on right	22	Metal	Silver	3SU1950-0DU80-0AA0		1	1 unit	41J
 3SU1950-0DV80-0AA0	Locking device with cover	22	Metal	Silver	3SU1950-0DV80-0AA0		1	1 unit	41J

* You can order this quantity or a multiple thereof.
Illustrations are approximate

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Accessories

Actuators

Selection and ordering data

Multi-unit packaging,
see page 13/17.

Mounting diameter	Material	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
mm							

Sealing plugs¹⁾



3SU1900-0FA10-0AA0



3SU1950-0FA80-0AA0

22	Plastic	Black	3SU1900-0FA10-0AA0		1	5 units	41J
	Metal, shiny	Silver	3SU1950-0FA80-0AA0		1	5 units	41J
30	Metal, matte	Sand gray	3SU1960-0FA80-0AA0		1	1 unit	41J

¹⁾ The sealing plug is mounted with a holder.
Modules might already be mounted on the holder.

Product version	Mount- ing diameter	Accessory material	Accessory color	Screw terminals	⊕	PU (UNIT, SET, M)	PS*	PG
	mm			Article No.	Price per PU			

USB connections



3SU1900-0GA10-0AA0



3SU1960-0GA80-0AA0

USB 3.0	22	Plastic	Black	3SU1900-0GA10-0AA0		1	1 unit	41J
		Metal, shiny	Silver	3SU1950-0GA80-0AA0		1	1 unit	41J
	30	Metal, matte	Sand gray	3SU1960-0GA80-0AA0		1	1 unit	41J

RJ45 connections



3SU1900-0GB10-0AA0



3SU1950-0GB80-0AA0

RJ-45 Cat. 5e	22	Plastic	Black	3SU1900-0GB10-0AA0		1	1 unit	41J
		Metal, shiny	Silver	3SU1950-0GB80-0AA0		1	1 unit	41J
	30	Metal, matte	Sand gray	3SU1960-0GB80-0AA0		1	1 unit	41J

* You can order this quantity or a multiple thereof.
Illustrations are approximate

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Accessories

Actuators

Material	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Buttons, flat¹⁾						
For pushbuttons						
	Plastic	Black	3SU1900-0FT10-0AA0	100	10 units	41J
		Red	3SU1900-0FT20-0AA0	100	10 units	41J
		Yellow	3SU1900-0FT30-0AA0	100	10 units	41J
		Green	3SU1900-0FT40-0AA0	100	10 units	41J
		Blue	3SU1900-0FT50-0AA0	100	10 units	41J
		White	3SU1900-0FT60-0AA0	100	10 units	41J
3SU1900-0FT20-0AA0						
For illuminated pushbuttons						
	Plastic	Amber	3SU1901-0FT00-0AA0	100	10 units	41J
		Red	3SU1901-0FT20-0AA0	100	10 units	41J
		Yellow	3SU1901-0FT30-0AA0	100	10 units	41J
		Green	3SU1901-0FT40-0AA0	100	10 units	41J
		Blue	3SU1901-0FT50-0AA0	100	10 units	41J
		White	3SU1901-0FT60-0AA0	100	10 units	41J
		Clear	3SU1901-0FT70-0AA0	100	10 units	41J
3SU1901-0FT30-0AA0						
Buttons, raised¹⁾						
For pushbuttons						
	Plastic	Black	3SU1900-0FS10-0AA0	1	10 units	41J
		Red	3SU1900-0FS20-0AA0	1	10 units	41J
		Yellow	3SU1900-0FS30-0AA0	1	10 units	41J
		Green	3SU1900-0FS40-0AA0	1	10 units	41J
3SU1900-0FS30-0AA0						
For illuminated pushbuttons						
	Plastic	Red	3SU1901-0FS20-0AA0	1	10 units	41J
		Yellow	3SU1901-0FS30-0AA0	1	10 units	41J
		Green	3SU1901-0FS40-0AA0	1	10 units	41J
		Blue	3SU1901-0FS50-0AA0	1	10 units	41J
		Clear	3SU1901-0FS70-0AA0	1	10 units	41J
3SU1901-0FS40-0AA0						

¹⁾ Buttons are not interchangeable between pushbuttons and illuminated pushbuttons with a raised front ring and with a raised, castellated front ring.

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Accessories

Actuators

	Material	Key number	Version of RFID coding	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
RONIS keys									
	Metal	SB30 ¹⁾ 455	--	Silver	3SU1950-0FB80-0AA0 3SU1950-0FC80-0AA0		1 1	1 unit 1 unit	41J 41J
3SU1950-0FB80-0AA0									
O.M.R. keys									
	Metal	73038 73037 73034 73033	--	Blue Red Black Yellow	3SU1950-0FJ50-0AA0 3SU1950-0FK20-0AA0 3SU1950-0FL10-0AA0 3SU1950-0FM30-0AA0		1 1 1 1	1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J
3SU1950-0FJ50-0AA0									
Siemens keys, C ²⁾									
	Metal	LSG1 S-10-CG ¹⁾³⁾ VL5	--	Silver	3SU1950-0FN80-0AA0 3SU1950-0FP80-0AA0 3SU1950-0FQ80-0AA0		1 1 1	1 unit 1 unit 1 unit	41J 41J 41J
3SU1950-0FP80-0AA0									
Siemens keys, B ⁴⁾									
	Metal	S1 ¹⁾	--	Silver	3SU1950-0FD80-0AA0		1	1 unit	41J
3SU1950-0FD80-0AA0									
ID keys ID group individual									
	Plastic	--	Individually coded, programmable several times	White	3SU1900-0FU60-0AA0		1	1 unit	41J
3SU1900-0FU60-0AA0									
ID keys									
	Plastic	--	ID group 1 ID group 2 ID group 3 ID group 4	Green Yellow Red Blue	3SU1900-0FV40-0AA0 3SU1900-0FW30-0AA0 3SU1900-0FX20-0AA0 3SU1900-0FY50-0AA0		1 1 1 1	1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J
3SU1900-0FV40-0AA0									

¹⁾ Also available with special lock. Add "-Z" and the order code "Y04" to the article number and specify the required lock in plain text. Additional price on request.

²⁾ Siemens, C lock (compatible with CES locks).

³⁾ S-10-CG (compatible with SSG10 lock).

⁴⁾ Siemens, B lock (compatible with BKS locks).

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Accessories

Enclosures

Overview

The accessories can be used for plastic and metal enclosures.

Selection and ordering data

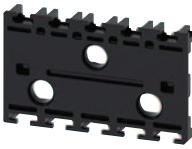
Product version		Material	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Metric cable glands								
 3SU1900-0HG10-0AA0	M20 for round cable and enclosure With 1 to 3 command points	Plastic	Black	3SU1900-0HG10-0AA0		1	1 unit	41J
	M25 for round cable and enclosure With 4 and 6 command points	Plastic	Black	3SU1900-0HH10-0AA0		1	1 unit	41J
	M20 for round cable and AS-i enclosure With 1 to 3 command points with 2-pole plug-in connector for AS-i module	Plastic	Black	3SU1900-0JA10-0AA0		1	1 unit	41J
	M25 for round cable and AS-i enclosure With 4 and 6 command points with 2-pole plug-in connector for AS-i module	Plastic	Black	3SU1900-0JB10-0AA0		1	1 unit	41J
	M20 for round cable and IO-Link enclosure With 1 to 3 command points with 10-pole plug-in connector for IO-Link	Plastic	Black	3SU1900-0JC10-0AA0		1	1 unit	41J
	M25 for round cable and IO-Link enclosure With 4 and 6 command points with 10-pole plug-in connector for IO-Link	Plastic	Black	3SU1900-0JD10-0AA0		1	1 unit	41J
	M20 for AS-i shaped cable and AS-i enclosure With 1 to 3 command points with 2-pole plug-in connector for AS-i module	Plastic	Black	3SU1900-0HE10-0AA0		1	1 unit	41J
	M25 for AS-i shaped cable and AS-i enclosure With 4 and 6 command points with 2-pole plug-in connector for AS-i module	Plastic	Black	3SU1900-0HF10-0AA0		1	1 unit	41J
Connection pieces								
 3SU1900-0JQ10-0AA0	M20/M20, M20/M25, M25/M25 cable entry For connecting two enclosures, plastic or metal	Plastic	Black	3SU1900-0JQ10-0AA0		1	1 unit	41J

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Accessories

Enclosures

Product version		Material	Color	Insulation piercing method		PU (UNIT, SET, M)	PS*	PG
				Article No.	Price per PU			
Adapters for AS-i shaped cable								
	M20 cable entry	Plastic	Black	3SU1900-0HX10-0AA0		1	1 unit	41J
	M25 cable entry	Plastic	Black	3SU1900-0HY10-0AA0		1	1 unit	41J
3SU1900-0HX10-0AA0								
Adapters for tab connection								
	Adapters, M12 plug							
	M20/M25 cable entry							
	4-pole	Plastic	Black	3SU1900-0JJ10-0AA0		1	1 unit	41J
	5-pole	Plastic	Black	3SU1900-0JK10-0AA0		1	1 unit	41J
8-pole	Plastic	Black	3SU1900-0JL10-0AA0		1	1 unit	41J	
3SU1900-0JJ10-0AA0								
	Adapters, M12 socket							
	M20/M25 cable entry							
	4-pole	Plastic	Black	3SU1900-0JM10-0AA0		1	1 unit	41J
	5-pole	Plastic	Black	3SU1900-0JN10-0AA0		1	1 unit	41J
8-pole	Plastic	Black	3SU1900-0JP10-0AA0		1	1 unit	41J	
3SU1900-0JM10-0AA0								
Adapters for enclosures with one command point								
	Between top and lower part of plastic enclosures, for installation of 2-pole or two 1-pole contact modules with front plate mounting and ID key-operated switch. Not suitable for 3SU1801-1AA00-1AA1 enclosures.	Plastic	Black	3SU1900-0JF10-0AA0		1	1 unit	41J
3SU1900-0JF10-0AA0								
Adapters for modules with base mounting								
	Without fixing screws	Plastic	Black	3SU1900-0JG10-0AA0		1	1 unit	41J
3SU1900-0JG10-0AA0								
Enclosures cover monitoring ¹⁾								
	Module with extension plunger	Plastic	Black	3SU1900-0HM10-0AA0		1	1 unit	41J
3SU1900-0HM10-0AA0								

¹⁾ In addition, a 3SU1400-2AA10-.BA0 contact module is required.

Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Accessories

Miscellaneous accessories

Selection and ordering data

Product designation Product version	Material	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Miscellaneous accessories							
 3SU1900-0KA10-0AA0	Holders for printed circuit board	Plastic	Black	3SU1900-0KA10-0AA0	100	10 units	41J
 3SU1900-0CK10-0AA0	Pressure plates for selectors and locks	Plastic	White	3SU1900-0CK10-0AA0	100	10 units	41J
 3SU1900-0KG10-0AA0	Extension plunger For compensation of the clearance between the pushbutton and the resetting plunger of an overload relay	Plastic	Gray	3SU1900-0KG10-0AA0	1	1 unit	41J
 3SU1950-0JE80-0AA0	Strut profile mounting adapter	Metal	Sand gray	3SU1950-0JE80-0AA0	1	1 unit	41J
 3RK1901-3QA00	Cable clips for cable adapters For enclosure with AS-Interface shaped cable	Plastic	Black	3RK1901-3QA00	100	10 units	42C

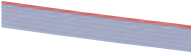
Commanding and signaling devices

SIRIUS ACT pushbuttons and indicator lights

Accessories

Miscellaneous accessories

Multi-unit packaging,
see page 13/17.

Product designation	Material	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Product version							
Miscellaneous accessories							
 3SU1900-0KH80-0AA0	Adapter for DIN-rail mounting	Plastic	Black	3SU1900-0KH80-0AA0	1	1 unit	41J
 3SU1950-0KJ80-0AA0	Adapter for actuators and indicators with 30 mm diameter With front ring for flat mounting	Metal	Silver	3SU1950-0KJ80-0AA0	1	1 unit	41J
 3SU1950-0KB10-0AA0	Adapters for 30.5 mm to 22.5 mm mounting hole (for 22 mm range)	Metal, shiny	Silver	3SU1950-0KB10-0AA0	1	1 unit	41J
		Metal, matte	Sand gray	3SU1960-0KB10-0AA0	1	1 unit	41J
 3SU1910-0KK80-0AA0  3SU1950-0KK80-0AA0	Grounding screws for holders For grounding metal actuators for fitting in front plates made of non-conducting materials • For holders, 4x, metal (3SU1550-0BA10-0AA0) • For holders, 3x - Universal for plastic and metal (3SU1550-0AA10-0AA0), - Metal (3SU1510-0AA10-0AA0)	Metal	Silver	3SU1910-0KK80-0AA0	100	50 units	41J
		Metal	Silver	3SU1950-0KK80-0AA0	100	50 units	41J
 3SU1900-0KP80-0AA0	Flat ribbon cables 7 cores • Length 5 m • Length 10 m	Plastic	Gray	3SU1900-0KQ80-0AA0	1	1 unit	41J
		Plastic	Gray	3SU1900-0KP80-0AA0	1	1 unit	41J

Commanding and signaling devices

SIRIUS 3SB2 pushbuttons and indicator lights, 16 mm

General data

Overview

More information

Siemens Portal, see www.siemens.com/product?3SB2

Configuration Manual, see

<https://support.industry.siemens.com/cs/ww/en/view/107194954>

The 3SB2 pushbuttons and indicator lights are provided for front plate mounting and rear connection with flat connectors. For use on printed circuit boards, contact blocks and lampholders with solder pins are also available.

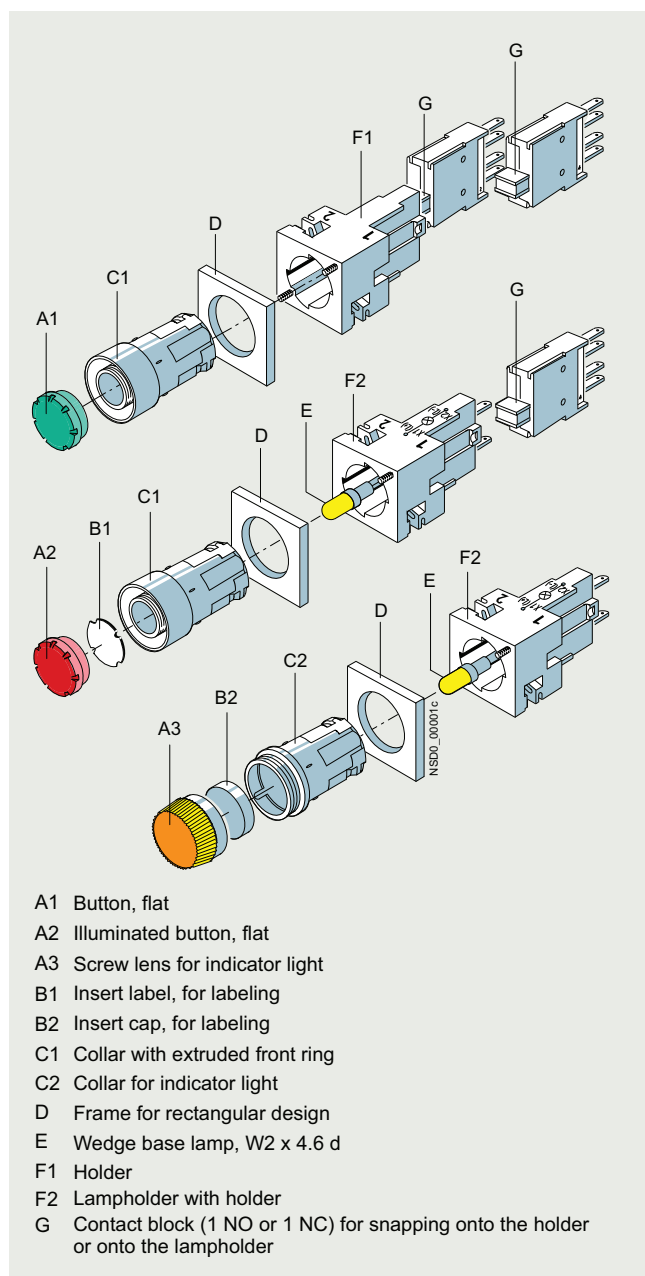
Standards

IEC 60947-1,

IEC 60947-5-1,

IEC 60947-5-5 for EMERGENCY-STOP mushroom pushbuttons

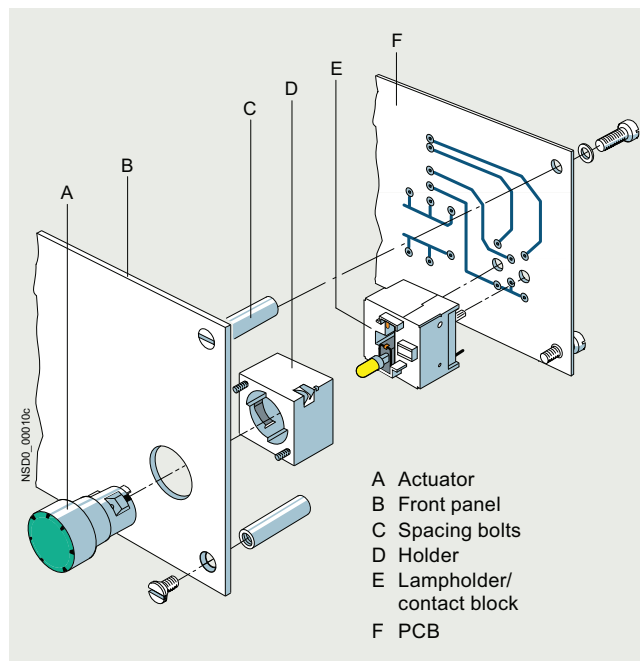
Version with flat connector



3SB2 pushbuttons and indicator lights

PCB mounting

For use on printed circuit boards, special contact blocks and lampholders for soldering into the printed circuit board are available. For this purpose, the contact blocks and lampholders are fitted with solder pins 0.8 mm x 0.8 mm in thickness and 3.5 mm in length.



3SB2 pushbuttons with solder pins

Connection methods



Flat connectors



Solder pin connections

The connection method is indicated in the corresponding tables by the symbols shown on orange backgrounds.

Application

The devices are climate-proof and suitable for marine applications.

Safety EMERGENCY STOP according to ISO 13850

For controls according to IEC 60204-1, the mushroom pushbuttons of the 3SB2 series are suitable for use as a safety EMERGENCY STOP.

Safety circuits

Standard IEC 60947-5-1 requires positive opening of the NC contacts. This means that, for the purpose of personal safety, the reliable opening of NC contacts in all safety circuits is expressly prescribed for the electrical equipment of machines and is designated according to IEC 60947-5-1 with the symbol ☞.

PL e according to ISO 13849-1 can be attained with the EMERGENCY-STOP mushroom pushbuttons if the corresponding fail-safe evaluation units are selected and correctly installed, e.g. the 3SK safety relays (see page 11/1 onwards) or matching units from the ASIsafe, SIMATIC or SINUMERIK product ranges.

Commanding and signaling devices

SIRIUS 3SB2 pushbuttons and indicator lights, 16 mm

General data

Technical specifications

Type		3SB2
Contact blocks and lampholders		
Standards		IEC 60947-5-1 IEC 60947-5-5
Rated insulation voltage U_i	V	250
Conventional thermal current I_{th}	A	10
Rated operational currents I_e at rated operational voltage U_e		
• Alternating current AC-12 - At $U_e = 24 \dots 230$ V	A	10
• Alternating current AC-15 - At $U_e = 24 \dots 230$ V	A	4
• Direct current DC-12 - At $U_e = 24$ V	A	6
- At $U_e = 60$ V	A	5
- At $U_e = 110$ V	A	2.5
- At $U_e = 230$ V	A	1
• Direct current DC-13 - At $U_e = 24$ V	A	3
- At $U_e = 60$ V	A	1.5
- At $U_e = 110$ V	A	0.7
- At $U_e = 230$ V	A	0.3
Contact reliability		
• Test voltage/test current	V/mA	5/1
Lamps		
• Bases		Wedge base W2 x 4.6 d
• Rated voltage	V	6, 12, 24, 30, 48, 60
• Rated power, max.	W	1
Short-circuit protection weld-free according to IEC 60947-5-1		
• DIAZED fuse links, utilization category gG		10 A TDz, 16 A Dz
• Miniature circuit breaker with C characteristic according to IEC 60898		10 A
Electrical endurance		
• For utilization category AC-15 with 3RT contactors	Operating cycles	10×10^6
Mechanical endurance	Operating cycles	10×10^6
Degree of protection according to IEC 60529		
• Connection of contact blocks and lampholders behind the front plate		IP00
• Contact chambers of the contact blocks behind the front plate		IP40
Finger protection according to IEC 60529 and DGVV Regulation 3		With voltages > 50 V AC or 120 V DC, insulating sleeves must be fitted to the unassigned flat connectors.
Data according to UL and CSA		
Rated voltage		
• Contact blocks	V	250 AC
• Indicator lights (lamp with wedge base W2 x 4.6 d)	V	60; 1 W
Uninterrupted current	A	5
Switching capacity		B 300, R 300
Actuating and signaling elements		
Mechanical endurance		
• Pushbuttons	Operating cycles	10×10^6
• Actuators, rotary or latching	Operating cycles	3×10^5
• Illuminated pushbuttons	Operating cycles	3×10^6
Climatic withstand capability		
Ambient temperature		Climate-proof; suitable for marine applications
• During operation, non-illuminated devices and complete with LED	°C	-25 ... +70
• During operation, devices with incandescent lamp	°C	-25 ... +60
• During storage, transport	°C	-40 ... +80
Degree of protection according to IEC 60529		
• Actuators and indicators		IP65
• Actuators and indicators with protective cap		IP67
Protective measures		
• For mounting in metal front plates and enclosures		The actuators and lens assemblies must not be included in the protective measures.
• For fitting into enclosures with total insulation		The protective measure "Total insulation" is retained.
Shock resistance according to IEC 60068-2-27		
• Shock amplitude	g	≤ 50
• Shock duration	ms	11
• Shock form		Half-sine

Commanding and signaling devices

SIRIUS 3SB2 pushbuttons and indicator lights, 16 mm

General data

Configuration

Design

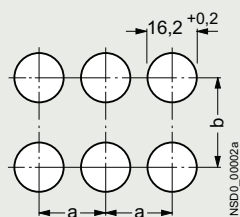
Two design versions can be mounted:

- Round design: The 3SB2 pushbuttons and indicator lights consist of the actuator, holder, contact block and lampholders. Depending on the specific application, various versions can be assembled. Complete units are offered for the most commonly used applications.
- Rectangular design: With rectangular, black frames the round units can be given a rectangular look. The frames are inserted underneath the round actuators. Further mounting is the same as for the round version.

Mounting and fixing:

Mounting dimensions according to EN 50007

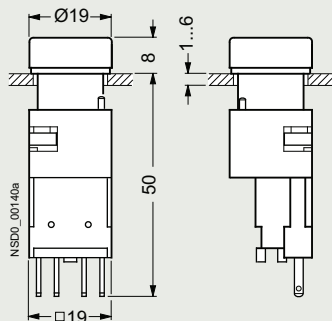
(does not apply to EMERGENCY-STOP mushroom pushbuttons):



Minimum clearance	a	b
Round design	19	19
Rectangular design without labeling plate	21	21
Round and rectangular design with labeling plate	21	32
For 2 selector switches and 3 switching positions, latching, side by side	21	21

For mounting, the actuator or the lens assembly is inserted from the front into the hole in the front plate. Four small nubs ensure a secure fitting in the hole. The holder is plugged on from the back and snaps automatically into place. The module is fixed to the holder with two screws so that it is immune to vibrations.

One or two contact blocks can be mounted on the holder. They are inserted into the holder with slide slots and held down with two snap brackets.



Pushbutton (flat) with holder and contact block

If a command point is fitted with an indicator light or illuminated pushbutton, a lamp socket with lampholder must be used instead of a holder. It is suitable for incandescent lamps or LEDs with bases of type W2 x 4.6 d.

PCB mounting

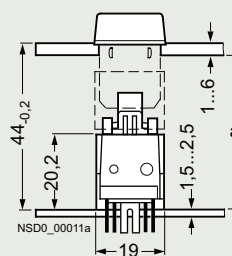
The command point comprises the actuator, e.g. 3SB2 pushbutton, illuminated pushbutton or indicator light, which is mounted in the front plate, as well as contact blocks and lampholders, which are soldered into the printed circuit board. For this purpose, the contact blocks and lampholders are fitted with solder pins 0.8 mm x 0.8 mm in thickness and 3.5 mm in length.

Mounting and fixing:

Mounting dimensions according to EN 50007

The actuators are mounted in the same way as 3SB2 front plate mounting devices.

The contact blocks and lampholders are plugged into the printed circuit board by means of their solder pins and can be flow-soldered. After soldering, the devices must be flush with the board and perpendicular to it. The printed circuit board must be supported on spacing bolts so that it cannot bend more than 0.1 mm.



Length **a** of spacing bolts:
a = 44_{-0.2} minus front plate thickness.
 When using backing plates, the length **a** is reduced by 0.8 mm.

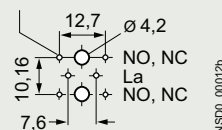
Illuminated pushbutton with solder pin connection

To avoid bending the PCB when the commanding device is operated, sufficient spacing bolts must be provided as shown in the table below:

PCB thickness	Max. distance between spacing bolts
1.5 mm	80 mm
2.5 mm	150 mm
When using EMERGENCY-STOP buttons	Always 50 mm

These details are based on printed circuit boards made of epoxy resin glass fiber mat.

Solder pin connection Ø1.3^{+0.1}



Solder pin spacing

Commanding and signaling devices

SIRIUS 3SB2 pushbuttons and indicator lights, 16 mm

Complete units

Selection and ordering data

Version	Contact blocks	Color of actuator	Flat connectors		PU (UNIT, SET, M)	PS*	PG
			Article No.	Price per PU			
 3SB2202-0AE01	Pushbuttons with flat button	1 NO	Black	3SB2202-0AB01	1	1 unit	41J
		1 NC	Black	3SB2203-0AB01	1	1 unit	41J
		1 NC	Red	3SB2203-0AC01	1	1 unit	41J
		1 NO	Yellow	3SB2202-0AD01	1	1 unit	41J
		1 NO	Green	3SB2202-0AE01	1	1 unit	41J
		1 NO	Blue	3SB2202-0AF01	1	1 unit	41J
		1 NO	White	3SB2202-0AG01	1	1 unit	41J
		1 NO	Clear ¹⁾	3SB2202-0AH01	1	1 unit	41J
		1 NC	Red	3SB2207-0AC01	1	1 unit	41J
		1 NO	Yellow ¹⁾	3SB2206-0AD01	1	1 unit	41J
 3SB2207-0LC01	Illuminated pushbuttons with flat button Lampholder W2 x 4.6 d without lamp ²⁾	1 NO	Green	3SB2206-0AE01	1	1 unit	41J
		1 NO	Blue	3SB2206-0AF01	1	1 unit	41J
		1 NO	Clear ¹⁾	3SB2206-0AH01	1	1 unit	41J
	Illuminated pushbuttons with flat button Lampholder W2 x 4.6 d with 24 V incandescent lamp	1 NC	Red	3SB2227-0AC01	1	1 unit	41J
		1 NO	Yellow ¹⁾	3SB2226-0AD01	1	1 unit	41J
		1 NO	Green	3SB2226-0AE01	1	1 unit	41J
		1 NO	Blue	3SB2226-0AF01	1	1 unit	41J
		1 NO	Clear ¹⁾	3SB2226-0AH01	1	1 unit	41J
	Pushbuttons with raised button	1 NO	Black	3SB2202-0LB01	1	1 unit	41J
		1 NC	Red	3SB2203-0LC01	1	1 unit	41J
		1 NO	Yellow	3SB2202-0LD01	1	1 unit	41J
		1 NO	Blue	3SB2202-0LF01	1	1 unit	41J
		1 NO	Clear ¹⁾	3SB2202-0LH01	1	1 unit	41J
 3SB2203-1AC01	Illuminated pushbuttons with raised button Lampholder W2 x 4.6 d without lamp ²⁾	1 NC	Red	3SB2207-0LC01	1	1 unit	41J
		1 NO	Yellow ¹⁾	3SB2206-0LD01	1	1 unit	41J
		1 NO	Green	3SB2206-0LE01	1	1 unit	41J
		1 NO	Blue	3SB2206-0LF01	1	1 unit	41J
		1 NO	Clear ¹⁾	3SB2206-0LH01	1	1 unit	41J
	Illuminated pushbuttons with raised button Lampholder W2 x 4.6 d with 24 V incandescent lamp	1 NC	Red	3SB2227-0LC01	1	1 unit	41J
		1 NO	Yellow ¹⁾	3SB2226-0LD01	1	1 unit	41J
		1 NO	Green	3SB2226-0LE01	1	1 unit	41J
		1 NO	Blue	3SB2226-0LF01	1	1 unit	41J
		1 NO	Clear ¹⁾	3SB2226-0LH01	1	1 unit	41J
	EMERGENCY-STOP mushroom pushbutton according to ISO 13850, latching³⁾ Latches automatically when pressed; unlatches by turning the mushroom head counterclockwise, with yellow backing plate with inscription "NOT-HALT"	1 NC	Red	3SB2203-1AC01	1	1 unit	41J

➔ Positive opening according to IEC 60947-5-1, Annex K.
Can be used with 3SK safety relays, see page 11/1 onwards.
Certificate:



¹⁾ Inscription with insert labels is possible.

²⁾ Wedge base lamps, see Accessories, page 13/156.

³⁾ The mushroom pushbutton cannot be combined with 3SB2902-0AB backing plate or 3SB2902-0AA single frame.

Commanding and signaling devices

SIRIUS 3SB2 pushbuttons and indicator lights, 16 mm

Complete units

Version	Contact blocks	Color of actuator	Flat connectors	PU (UNIT, SET, M)	PS*	PG	
			Article No.				Price per PU
 3SB2202-2AC01	Selectors, 2 switch positions Switching sequence O-I, actuating angle 62°, latching 	1 NO	Black	3SB2202-2AB01	1	1 unit	41J
		1 NO	Red	3SB2202-2AC01	1	1 unit	41J
		1 NO	Green	3SB2202-2AE01	1	1 unit	41J
		1 NO	White	3SB2202-2AG01	1	1 unit	41J
	Selectors, 3 switch positions Switching sequence I-O-II, actuating angle 2 x 62°, latching 	1 NO, 1 NO	Black	3SB2210-2DB01	1	1 unit	41J
		1 NO, 1 NO	Red	3SB2210-2DC01	1	1 unit	41J
		1 NO, 1 NO	Green	3SB2210-2DE01	1	1 unit	41J
		1 NO, 1 NO	White	3SB2210-2DG01	1	1 unit	41J
	Selectors, 3 switch positions Switching sequence I-O-II, actuating angle 2 x 50°, momentary contact 	1 NO, 1 NO	Black	3SB2210-2EB01	1	1 unit	41J
		1 NO, 1 NO	Red	3SB2210-2EC01	1	1 unit	41J
		1 NO, 1 NO	Green	3SB2210-2EE01	1	1 unit	41J
		1 NO, 1 NO	White	3SB2210-2EG01	1	1 unit	41J

Version	Contact blocks	Lock No.	Key removal position	Flat connectors	PU (UNIT, SET, M)	PS*	PG	
				Article No.				Price per PU
 3SB2202-4LB01	CES key-operated switches¹⁾, 2 switch positions Switching sequence O-I, actuating angle 62°, latching 	1 NO	SB2	O	3SB2202-4LA01 3SB2202-4LB01	1	1 unit	41J
		1 NO	SB2	O + I		1	1 unit	41J
	CES key-operated switches¹⁾, 3 switch positions Switching sequence I-O-II, actuating angle 2 x 62°, latching 	1 NO,	SB2	O	3SB2210-4PA01 3SB2210-4PB01	1	1 unit	41J
		1 NO,	SB2	I + O + II		1	1 unit	41J
		1 NO,						
		1 NO						
	CES key-operated switch¹⁾, 3 switch positions Switching sequence I-O-II, actuating angle 2 x 50°, momentary contact 	1 NO,	SB2	O	3SB2210-4QA01	1	1 unit	41J
		1 NO						

¹⁾ Also available with additional locking systems. The article number must be supplemented with "-Z", the order code "Y01" and the required lock number.

Version	Color of screw lens	Flat connectors	PU (UNIT, SET, M)	PS*	PG	
		Article No.				Price per PU
 3SB2224-6BE06	Indicator lights Lampholder W2 x 4.6 d without lamp ¹⁾	Red	3SB2204-6BC06	1	1 unit	41J
		Yellow	3SB2204-6BD06	1	1 unit	41J
		Green	3SB2204-6BE06	1	1 unit	41J
		White	3SB2204-6BG06	1	1 unit	41J
		Clear	3SB2204-6BH06	1	1 unit	41J
	Indicator lights Lampholder W2 x 4.6 d with 24 V incandescent lamp	Red	3SB2224-6BC06	1	1 unit	41J
		Yellow	3SB2224-6BD06	1	1 unit	41J
		Green	3SB2224-6BE06	1	1 unit	41J
		White	3SB2224-6BG06	1	1 unit	41J
		Clear	3SB2224-6BH06	1	1 unit	41J

¹⁾ Wedge base lamps, see [Accessories](#), page 13/156.

* You can order this quantity or a multiple thereof. Illustrations are approximate

Commanding and signaling devices

SIRIUS 3SB2 pushbuttons and indicator lights, 16 mm

Actuating and signaling elements

Selection and ordering data

Version	Color of actuator	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Pushbuttons						
 3SB2000-0AF01	Pushbuttons with flat button	Black	3SB2000-0AB01	1	1 unit	41J
		Red	3SB2000-0AC01	1	1 unit	41J
		Yellow	3SB2000-0AD01	1	1 unit	41J
		Green	3SB2000-0AE01	1	1 unit	41J
		Blue	3SB2000-0AF01	1	1 unit	41J
		White	3SB2000-0AG01	1	1 unit	41J
		Clear ¹⁾	3SB2000-0AH01	1	1 unit	41J
 3SB2000-0LF01	Illuminated pushbuttons with flat button	Red	3SB2001-0AC01	1	1 unit	41J
		Yellow ¹⁾	3SB2001-0AD01	1	1 unit	41J
		Green	3SB2001-0AE01	1	1 unit	41J
		Blue	3SB2001-0AF01	1	1 unit	41J
		Clear ¹⁾	3SB2000-0AH01	1	1 unit	41J
 3SB2000-0LB01	Pushbuttons with raised button	Black	3SB2000-0LB01	1	1 unit	41J
		Red	3SB2000-0LC01	1	1 unit	41J
		Yellow	3SB2000-0LD01	1	1 unit	41J
		Blue	3SB2000-0LF01	1	1 unit	41J
		White	3SB2000-0LG01	1	1 unit	41J
		Clear ¹⁾	3SB2000-0LH01	1	1 unit	41J
	Illuminated pushbuttons with raised button	Red	3SB2001-0LC01	1	1 unit	41J
 3SB2000-1AC01		Yellow ¹⁾	3SB2001-0LD01	1	1 unit	41J
		Green	3SB2001-0LE01	1	1 unit	41J
		Blue	3SB2001-0LF01	1	1 unit	41J
		Clear ¹⁾	3SB2000-0LH01	1	1 unit	41J
	EMERGENCY-STOP mushroom pushbutton according to ISO 13850, latching²⁾ Latches automatically when pressed; unlatches by turning the mushroom head counterclockwise	Red	3SB2000-1AC01	1	1 unit	41J

¹⁾ Inscription with insert labels is possible.

²⁾ The mushroom pushbutton cannot be combined with 3SB2902-0AB backing plate or 3SB2902-0AA single frame.

Version	Color of actuator	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Selectors						
 3SB2000-2AB01	Selectors with 2 switch positions Switching sequence O-I, actuating angle 62°, latching	Black	3SB2000-2AB01	1	1 unit	41J
		Red	3SB2000-2AC01	1	1 unit	41J
		Green	3SB2000-2AE01	1	1 unit	41J
		White	3SB2000-2AG01	1	1 unit	41J
	Selectors with 2 switch positions Switching sequence O-I, actuating angle 50°, momentary contact (reset from the right)	Black	3SB2000-2BB01	1	1 unit	41J
		Red	3SB2000-2BC01	1	1 unit	41J
		Green	3SB2000-2BE01	1	1 unit	41J
	Selectors with 2 switch positions Switching sequence O-I, actuating angle 90°, latching	Black	3SB2000-2HB01	1	1 unit	41J
		Red	3SB2000-2HC01	1	1 unit	41J
		Green	3SB2000-2HE01	1	1 unit	41J
		White	3SB2000-2HG01	1	1 unit	41J
	Selectors with 3 switch positions Switching sequence I-O-II, actuating angle 2 x 62°, latching	Black	3SB2000-2DB01	1	1 unit	41J
		Red	3SB2000-2DC01	1	1 unit	41J
		Green	3SB2000-2DE01	1	1 unit	41J
		White	3SB2000-2DG01	1	1 unit	41J
	Selectors with 3 switch positions Switching sequence I-O-II, actuating angle 2 x 50°, momentary contact	Black	3SB2000-2EB01	1	1 unit	41J
		Red	3SB2000-2EC01	1	1 unit	41J
		Green	3SB2000-2EE01	1	1 unit	41J
		White	3SB2000-2EG01	1	1 unit	41J
	Selector with 3 switch positions Switching sequence I-O-II, actuating angle 2 x 90°, latching	Black	3SB2000-2JB01	1	1 unit	41J

Commanding and signaling devices

SIRIUS 3SB2 pushbuttons and indicator lights, 16 mm

Actuating and signaling elements

Version		Lock No.	Key removal position	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG		
 3SB2000-4LB01	CES key-operated switches¹⁾ with 2 keys, 2 switch positions Switching sequence O-I, actuating angle 62°, latching				SB2	O+I O	3SB2000-4LB01 3SB2000-4LA01	1 1	1 unit 1 unit	41J 41J
	CES key-operated switch¹⁾ with 2 keys, 2 switch positions Switching sequence O-I, actuating angle 50°, momentary contact				SB2	O	3SB2000-4MA01	1	1 unit	41J
	CES key-operated switches¹⁾ with 2 keys, 3 switch positions Switching sequence I-O-II, actuating angle 2 x 62°, latching				SB2	I+O+II O I	3SB2000-4PB01 3SB2000-4PA01 3SB2000-4PC01	1 1 1	1 unit 1 unit 1 unit	41J 41J 41J
	CES key-operated switch¹⁾ with 2 keys, 3 switch positions Switching sequence I-O-II, actuating angle 2 x 50°, momentary contact				SB2	O	3SB2000-4QA01	1	1 unit	41J

¹⁾ Also available with additional locking systems. The article number must be supplemented with "-Z", the order code "Y01" and the required lock number.

Version		Color of screw lens	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Indicator lights							
 3SB2001-6BD06	Indicator lights with concentric rings (Inscription with insert caps is not possible)	Red	3SB2001-6BC06		1	1 unit	41J
		Yellow	3SB2001-6BD06		1	1 unit	41J
		Green	3SB2001-6BE06		1	1 unit	41J
		Blue	3SB2001-6BF06		1	1 unit	41J
		White	3SB2001-6BG06		1	1 unit	41J
		Clear	3SB2001-6BH06		1	1 unit	41J
	Indicator lights, smooth For inscription with insert caps ¹⁾	Red	3SB2001-6CC06		1	1 unit	41J
		Yellow	3SB2001-6CD06		1	1 unit	41J
		Green	3SB2001-6CE06		1	1 unit	41J
		Blue	3SB2001-6CF06		1	1 unit	41J
		Clear	3SB2001-6CH06		1	1 unit	41J

¹⁾ Insert caps, see Accessories, page 13/153.

Commanding and signaling devices

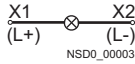
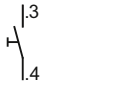
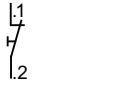
SIRIUS 3SB2 pushbuttons and indicator lights, 16 mm

Contact blocks and lampholders

Selection and ordering data

Version	Graphic symbols	Operating travel	Flat connectors	PU (UNIT, SET, M)	PS*	PG
		 Contact closed  Contact open				
			Article No.	Price per PU		

Contact blocks and lampholders with flat connectors 2 x 2.8 - 0.8 mm according to IEC 60760

 3SB2908-0AA		Holder for fixing the actuator and the contact blocks Holders for 2 contact blocks Inscription with identification number 1-2		3SB2908-0AA	1	5 units	41J
 3SB2304-2A		Lampholders with holder for fixing the actuator and the contact blocks Lampholder W2 x 4.6 d without lamp ¹⁾		3SB2304-2A	1	1 unit	41J
							
		Lampholders W2 x 4.6 d		3SB2304-2F	1	1 unit	41J
		- With 6 V incandescent lamp - With 24 V incandescent lamp		3SB2304-2H	1	1 unit	41J
 3SB2404-0B		Contact blocks for fixing in the holder or lampholder Contact blocks with one contact²⁾ 1 NO		3SB2404-0B	1	1 unit	41J
							
				3SB2404-0C	1	1 unit	41J

➔ Positive opening according to IEC 60947-5-1, Annex K.
 Can be used with 3SK safety relays, [see page 11/1 onwards](#).
 Certificate:



¹⁾ Wedge base lamps, [see page 13/156](#).

²⁾ Plug-in and insulating sleeves, [see page 13/157](#).

Commanding and signaling devices

SIRIUS 3SB2 pushbuttons and indicator lights, 16 mm

Contact blocks and lampholders

Version	Graphic symbols	Operating travel	Solder pin connections	PU (UNIT, SET, M)	PS*	PG
		 Contact closed  Contact open				
			Article No.	Price per PU		

Contact blocks and lampholders with solder pins



3SB2908-0AB

Holders for contact block with solder pins

For mounting the actuators in the front panel

Lampholder

Wedge base W2 x 4.6 d without lamp¹⁾

(L+) | X1
 (L-) | X2

3SB2908-0AB

1

5 units

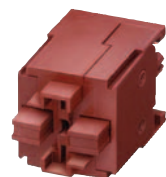
41J

3SB2455-2A

1

1 unit

41J

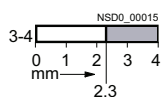


3SB2455-0B

Contact blocks

1 NO

1.3
 1.4



3SB2455-0B

1

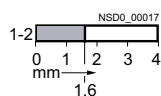
1 unit

41J

1 NC



1.1
 1.2



3SB2455-0C

1

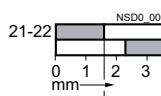
1 unit

41J

1 NO + 1 NC



13 | 21
 14 | 22



3SB2455-0J

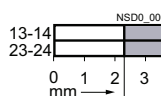
1

1 unit

41J

1 NO + 1 NO

13 | 23
 14 | 24



3SB2455-0E

1

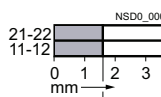
1 unit

41J

1 NC + 1 NC



11 | 21
 12 | 22



3SB2455-0F

1

1 unit

41J

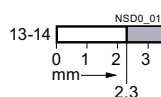


3SB2455-1B

Contact blocks and lampholders, wedge base W2 x 4.6 d without lamp¹⁾

1 NO

13 | X1
 14 | X2



3SB2455-1B

1

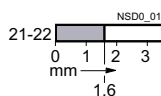
1 unit

41J

1 NC



21 | X1
 22 | X2



3SB2455-1C

1

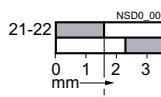
1 unit

41J

1 NO + 1 NC



13 | 21 | X1
 14 | 22 | X2



3SB2455-1J

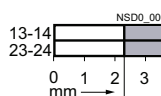
1

1 unit

41J

1 NO + 1 NO

13 | 23 | X1
 14 | 24 | X2



3SB2455-1E

1

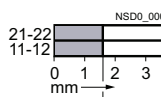
1 unit

41J

1 NC + 1 NC



11 | 21 | X1
 12 | 22 | X2



3SB2455-1F

1

1 unit

41J

➔ Positive opening according to IEC 60947-5-1, Annex K.
 Can be used with 3SK safety relays, [see page 11/1 onwards](#).
 Certificate:



¹⁾ Wedge base lamps, [see page 13/156](#).

Commanding and signaling devices

SIRIUS 3SB2 pushbuttons and indicator lights, 16 mm

Accessories and spare parts

Insert labels and insert caps

Overview

Clear pushbuttons, illuminated pushbuttons and indicator lights can be fitted with insert labels and caps for identification purposes.

The insert labels and insert caps are made of a milky-transparent plastic with black lettering; they can be fitted in any 90° angle.

Inscription

The inscriptions have upper case initial letters. Graphic symbols, including those not listed in the catalog, are according to ISO 7000 or IEC 60417.

Customized inscriptions, see [Options](#), page 13/154.

Selection and ordering data

Inscription/symbol		Symbol No.	Insert labels For pushbuttons and illuminated pushbuttons, flat	PU (UNIT, SET, M)	PS*	PG	
			Article No.	Price per PU			
For self-inscription							
	Blank	--	3SB2901-4AA	100	10 units	41J	
3SB2901-4AA							
With inscription							
	Ein	--	3SB2901-4AB	100	10 units	41J	
	Aus	--	3SB2901-4AC	100	10 units	41J	
	Auf	--	3SB2901-4AD	100	10 units	41J	
	Ab	--	3SB2901-4AE	100	10 units	41J	
	3SB2901-4AB						
	Vor	--	3SB2901-4AF	100	10 units	41J	
	Zurück	--	3SB2901-4AG	100	10 units	41J	
	Rechts	--	3SB2901-4AH	100	10 units	41J	
	Links	--	3SB2901-4AJ	100	10 units	41J	
	Halt	--	3SB2901-4AK	100	10 units	41J	
	Zu	--	3SB2901-4AL	100	10 units	41J	
	Langsam	--	3SB2901-4AN	100	10 units	41J	
	Störung	--	3SB2901-4AQ	100	10 units	41J	
	On	--	3SB2901-4EB	100	10 units	41J	
	Start	--	3SB2901-4EK	100	10 units	41J	
	Stop	--	3SB2901-4EL	100	10 units	41J	
	Reset	--	3SB2901-4EM	100	10 units	41J	
	Test	--	3SB2901-4EN	100	10 units	41J	
3SB2901-4EB							
	0	--	3SB2901-4RA	100	10 units	41J	
	1	--	3SB2901-4RB	100	10 units	41J	
	2	--	3SB2901-4RC	100	10 units	41J	
	3	--	3SB2901-4RD	100	10 units	41J	
	4	--	3SB2901-4RE	100	10 units	41J	
	5	--	3SB2901-4RF	100	10 units	41J	
	6	--	3SB2901-4RG	100	10 units	41J	
	7	--	3SB2901-4RH	100	10 units	41J	
	8	--	3SB2901-4RJ	100	10 units	41J	
	9	--	3SB2901-4RK	100	10 units	41J	
Graphic ON/OFF symbols							
	O (Off)		5008 IEC	3SB2901-4MB	100	10 units	41J
	I (On)		5007 IEC	3SB2901-4MC	100	10 units	41J
	II (On)		--	3SB2901-4MD	100	10 units	41J

Commanding and signaling devices

SIRIUS 3SB2 pushbuttons and indicator lights, 16 mm

Accessories and spare parts

Insert labels and insert caps

Inscription/symbol		Symbol No.	Insert labels For pushbuttons and illuminated pushbuttons, flat	PU (UNIT, SET, M)	PS*	PG
			Article No.	Price per PU		
Graphic equipment symbols						
 3SB2901-4PA	Electric motor		0011 ISO	3SB2901-4PA	100 10 units	41J
	Horn		5014 IEC	3SB2901-4PB	100 10 units	41J
	Pump		0134 ISO	3SB2901-4PD	100 10 units	41J
	Coolant pump		0355 ISO	3SB2901-4PE	100 10 units	41J
Graphic motion symbols						
 3SB2901-4NA	Motion in direction of arrow (straight)		5022 IEC	3SB2901-4NA	100 10 units	41J
	Motion in direction of arrow (diagonal)		--	3SB2901-4NB	100 10 units	41J
	Clockwise rotation		0004 ISO	3SB2901-4NC	100 10 units	41J
	Counterclockwise rotation		--	3SB2901-4ND	100 10 units	41J
	Fast motion		0266 ISO	3SB2901-4NE	100 10 units	41J
	Increase (plus)		5005 IEC	3SB2901-4NG	100 10 units	41J
	Decrease (minus)		5006 IEC	3SB2901-4MC	100 10 units	41J
Graphic control symbols						
 3SB2901-4QK	Clamp		--	3SB2901-4QB	100 10 units	41J
	Release		--	3SB2901-4QC	100 10 units	41J
	Release brake		0021 ISO	3SB2901-4QE	100 10 units	41J
	Lock		0022 ISO	3SB2901-4QF	100 10 units	41J
	Unlock		0023 ISO	3SB2901-4QG	100 10 units	41J
	On/Off, momentary contact		5011 IEC	3SB2901-4QJ	100 10 units	41J
	Manual operation		0096 ISO	3SB2901-4QK	100 10 units	41J
	Automatic sequence		0017 ISO	3SB2901-4QL	100 10 units	41J
Customized inscriptions						
	Inscription of choice (see Options, page 13/154)		3SB2901-4AZ			
	1 line of text with up to 6 characters with 3 mm font height. Please add the appropriate order code to the article number and specify the line of text required.		K0Y	1	1 unit	41J
			K1Y or K2Y	1	1 unit	41J
	Other graphic symbols		3SB2901-4AZ			
	Please add the order code "K3Y" to the article number and specify the serial number and the applied standard (ISO 7000 or IEC 60417).		K3Y	1	1 unit	41J
Any inscription or symbol			3SB2901-4AZ			
Please add the order code "K9Y" to the article number and specify the inscription or the symbol required.			K9Y	1	1 unit	41J

Commanding and signaling devices

SIRIUS 3SB2 pushbuttons and indicator lights, 16 mm

Accessories and spare parts

Insert labels and insert caps

Inscription/symbol		Symbol No.	Insert caps For pushbuttons and illuminated pushbuttons, raised	PU (UNIT, SET, M)	PS*	PG
			Article No.	Price per PU		
For self-inscription						
	Blank	--	3SB2901-5AA	100	10 units	41J
With inscription						
	On	--	3SB2901-5EB	100	10 units	41J
	Aus	--	3SB2901-5AC	100	10 units	41J
	Auf	--	3SB2901-5AD	100	10 units	41J
	Zu	--	3SB2901-5AL	100	10 units	41J
3SB2901-5EB	0	--	3SB2901-5RA	100	10 units	41J
	1	--	3SB2901-5RB	100	10 units	41J
	2	--	3SB2901-5RC	100	10 units	41J
	3	--	3SB2901-5RD	100	10 units	41J
	4	--	3SB2901-5RE	100	10 units	41J
3SB2901-5AC	5	--	3SB2901-5RF	100	10 units	41J
	6	--	3SB2901-5RG	100	10 units	41J
	7	--	3SB2901-5RH	100	10 units	41J
	8	--	3SB2901-5RJ	100	10 units	41J
	9	--	3SB2901-5RK	100	10 units	41J
Graphic ON/OFF symbols						
	O (Off)	 5008 IEC	3SB2901-5MB	100	10 units	41J
	I (On)	 5007 IEC	3SB2901-5MC	100	10 units	41J
Graphic motion symbols						
	Motion in direction of arrow	 5022 IEC	3SB2901-5NA	100	10 units	41J
	Motion in direction of arrow	 --	3SB2901-5NB	100	10 units	41J
	Increase (plus)	 5005 IEC	3SB2901-5NG	100	10 units	41J
	Decrease (minus)	 5006 IEC	3SB2901-5MC	100	10 units	41J
3SB2901-5NA						
Graphic control symbols						
	Clamp	 --	3SB2901-5QB	100	10 units	41J
	Release	 --	3SB2901-5QC	100	10 units	41J
Customized inscriptions						
	Inscription of choice (see Options, page 13/154) 1 line of text with up to 6 characters with 3 mm font height. Please add the appropriate order code to the article number and specify the line of text required.		3SB2901-5AZ			
	K0Y			1	1 unit	41J
	K1Y or K2Y			1	1 unit	41J
	Other graphic symbols Please add the order code "K3Y" to the article number and specify the serial number and the applied standard (ISO 7000 or IEC 60417).		3SB2901-5AZ			
	K3Y			1	1 unit	41J
	Any inscription or symbol Please add the order code "K9Y" to the article number and specify the inscription or the symbol required.		3SB2901-5AZ			
	K9Y			1	1 unit	41J

Commanding and signaling devices

SIRIUS 3SB2 pushbuttons and indicator lights, 16 mm

Accessories and spare parts

Insert labels and insert caps

Inscription/symbol		Symbol No.	Insert caps For indicator lights		PU (UNIT, SET, M)	PS*	PG
			Article No.	Price per PU			
For self-inscription							
	Blank	--	3SB2901-7AA		100	10 units	41J
3SB2901-7AA							
With inscription							
	Betrieb	--	3SB2901-7AP		100	1 unit	41J
	Störung	--	3SB2901-7AQ		100	10 units	41J
3SB2901-7AP							
Graphic symbols							
	Pump	 0134 ISO	3SB2901-7PD		100	10 units	41J
	Manual operation	 0096 ISO	3SB2901-7QK		100	10 units	41J
3SB2901-7QK							
Customized inscriptions							
Inscription of choice (see Options) 1 line of text with up to 6 characters with 3 mm font height. Please add the appropriate order code to the article number and specify the line of text required.			3SB2901-7AZ K0Y K1Y or K2Y		1 1	1 unit 1 unit	41J 41J
Other graphic symbols Please add the order code "K3Y" to the article number and specify the serial number and the applied standard (ISO 7000 or IEC 60417).			3SB2901-7AZ K3Y		1	1 unit	41J
Any inscription or symbol Please add the order code "K9Y" to the article number and specify the inscription or the symbol required.			3SB2901-7AZ K9Y		1	1 unit	41J

Options

Customized inscriptions

Labels and caps can be inscribed with text and symbols not listed in the ordering data. Add one of the following order codes to the article number:

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

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

One line with up to 6 characters with 3 mm font height is possible for the inscription (see ordering example 1).

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

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

Ordering example 1

3SB2901-4AZ
K1Y
Z1=Pump

Ordering example 2

3SB2901-4AZ
K3Y
Z=5008 IEC

Ordering example 3

3SB2901-4AZ
K3Y
Z=1118 ISO

Commanding and signaling devices

SIRIUS 3SB2 pushbuttons and indicator lights, 16 mm

Accessories and spare parts

Backing plates

Overview

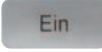
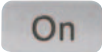
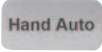
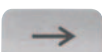
The backing plates consist of a black plastic label holder and a labeling plate (silver with black print) for sticking in place.

Note mounting dimensions!

Inscription

The inscriptions (also custom inscriptions) are in lower case with upper case initial letters. Graphic symbols, including those not listed in the catalog, are according to ISO 7000 or IEC 60417. For customized inscriptions, [see Options](#).

Selection and ordering data

Inscription/symbol	Symbol No.	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Labeling plates, self-adhesive, 9.5 mm x 18.5 mm						
 3SB2901-2AA	Blank	--		100	10 units	41J
 3SB2901-2AB	Ein	--		100	10 units	41J
	Aus	--		100	10 units	41J
	Auf	--		100	10 units	41J
	Zu	--		100	10 units	41J
	Vor	--		100	10 units	41J
 3SB2901-2EB	Zurück	--		100	10 units	41J
	Schnell	--		100	10 units	41J
	Langsam	--		100	10 units	41J
	Betrieb	--		100	10 units	41J
	Störung	--		100	10 units	41J
 3SB2901-2BA	Einrichten	--		100	10 units	41J
	On	--		100	10 units	41J
	Off	--		100	10 units	41J
	Start	--		100	10 units	41J
	Reset	--		100	10 units	41J
 3SB2901-2NA	Fault	--		100	10 units	41J
	Hand Auto	--		100	10 units	41J
	Hand O Auto	--		100	10 units	41J
	Man O Auto	--		100	10 units	41J
	Graphic symbols					
 5008 IEC	O (Off)	--		100	10 units	41J
	I (On)	--		100	10 units	41J
	O I (horizontal)	--		100	10 units	41J
	Motion in direction of arrow	--		100	10 units	41J
 5002 IEC	Customized inscriptions or symbols (see Options)	--				
Label holders for label size 9.5 mm x 18.5 mm						
 3SB2902-0AB	Label holder for labeling plate The label holders must not be used with the 3SB2...-1AC01 EMERGENCY-STOP mushroom pushbutton.	--		100	10 units	41J

Options

Customized inscriptions

The labels can be inscribed with text and symbols not listed in the ordering data. Add one of the following order codes to the article number:

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

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

Two lines of 11 characters each are permitted with 4 mm letter height (1 line) or 3 mm (2 lines).

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

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

Ordering example

3SB2901-2XZ
K3Y
Z=1118 ISO

Commanding and signaling devices

SIRIUS 3SB2 pushbuttons and indicator lights, 16 mm

Accessories and spare parts

Mounting parts and components

Selection and ordering data

Version		Lamp voltage	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
			V					
Buttons and lenses ¹⁾								
	Buttons, flat For pushbuttons	--	Black	3SB2910-0AB		100	10 units	41J
		--	Red	3SB2910-0AC		100	10 units	41J
		--	Yellow	3SB2910-0AD		100	10 units	41J
		--	Green	3SB2910-0AE		100	10 units	41J
		--	Blue	3SB2910-0AF		100	10 units	41J
		--	White	3SB2910-0AG		100	10 units	41J
		--	Clear	3SB2910-0AH		100	10 units	41J
	Buttons, flat For illuminated pushbuttons	--	Red	3SB2910-0CC		100	10 units	41J
		--	Yellow	3SB2910-0CD		100	10 units	41J
		--	Green	3SB2910-0CE		100	10 units	41J
		--	Blue	3SB2910-0CF		100	10 units	41J
		--	White	3SB2910-0AG		100	10 units	41J
		--	Clear	3SB2910-0AH		100	10 units	41J
			Buttons, raised For pushbuttons	--	Black	3SB2910-0BB		1
--	Red			3SB2910-0BC		1	10 units	41J
--	Yellow			3SB2910-0BD		1	10 units	41J
--	Blue			3SB2910-0BF		1	10 units	41J
--	Clear			3SB2910-0BH		1	10 units	41J
	Buttons, raised For illuminated pushbuttons	--	Red	3SB2910-0DC		1	10 units	41J
		--	Yellow	3SB2910-0DD		1	10 units	41J
		--	Blue	3SB2910-0DF		1	10 units	41J
		--	Clear	3SB2910-0BH		1	10 units	41J
	Screw lenses With concentric rings	--	Red	3SB2910-1AC		100	10 units	41J
		--	Yellow	3SB2910-1AD		100	10 units	41J
		--	Green	3SB2910-1AE		100	10 units	41J
		--	Blue	3SB2910-1AF		100	10 units	41J
		--	White	3SB2910-1AG		100	10 units	41J
		--	Clear	3SB2910-1AH		100	10 units	41J
	Screw lenses Smooth, for inscription with insert cap	--	Red	3SB2910-1BC		100	10 units	41J
		--	Yellow	3SB2910-1BD		100	10 units	41J
		--	Green	3SB2910-1BE		100	10 units	41J
		--	Blue	3SB2910-1BF		100	10 units	41J
		--	Clear	3SB2910-1BH		100	10 units	41J
Keys for actuators								
	Key For CES key-operated switch, Lock No. SB2	--	--	3SB2908-2AJ		1	1 unit	41J
Lamps, wedge bases ²⁾								
	Incandescent lamps Wedge base W2 x 4.6 d, 1.0 W	AC/DC	Clear	3SB2908-1AA		100	10 units	41J
		6		3SB2908-1AB		100	10 units	41J
		12		3SB2908-1AC		100	10 units	41J
		24		3SB2908-1AD		100	10 units	41J
		30		3SB2908-1AE		100	10 units	41J
		48		3SB2908-1AF		1	10 units	41J
		60		3SB2908-1AF		1	10 units	41J
	LED lamps, super-bright Wedge base W2 x 4.6 d	24 AC/DC	Red	3SB3901-1SB		1	10 units	41J
			Yellow	3SB3901-1RB		1	10 units	41J
			Green	3SB3901-1TB		1	10 units	41J
			White	3SB3901-1UB		1	10 units	41J
			Blue	3SB2908-1BD		1	10 units	41J
		28 AC/DC	Red	3SB3901-1SE		1	10 units	41J
			Yellow	3SB3901-1RE		1	10 units	41J
			Green	3SB3901-1TE		1	10 units	41J
			White	3SB3901-1UE		1	10 units	41J
			Blue	3SB3901-1VE		1	10 units	41J
				3SB3901-1VE		1	10 units	41J
				3SB3901-1VE		1	10 units	41J
	Lamp extractor For lamps with base W2 x 4.6 d	--	--	3SB2908-2AB		1	1 unit	41J

¹⁾ Included in the scope of supply of actuators or indicator lights.

²⁾ Included in the scope of supply of some complete units.

Commanding and signaling devices

SIRIUS 3SB2 pushbuttons and indicator lights, 16 mm

Accessories and spare parts

Mounting parts and components

Version	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Accessories for command points					
 3SB2902-0AA	Single frames For square design ¹⁾	3SB2902-0AA	100	10 units	41J
 3SB2908-2AG	Backing plates, yellow, Ø 50 mm As high-contrast background for EMERGENCY STOP, self-adhesive • Without inscription • With German inscription "NOT-HALT" • With German inscription "NOT-AUS"	3SB2908-2AF 3SB2908-2AG 3SB2908-2AK	1 1 1	1 unit 1 unit 1 unit	41J 41J 41J
 3SB2908-3AA	Sealing plug Plastic, black (degree of protection IP65)	3SB2908-3AA	1	1 unit	41J
 3SB2908-3AB	Protective cap, clear Silicone, for pushbuttons with flat and raised buttons	3SB2908-3AB	1	1 unit	41J
Flat connectors					
 3SB2908-8AA	Plug-in sleeves For flat connectors 2.8 x 0.8 mm, cross-section 0.5 ... 1.5 mm ²	3SB2908-8AA	100	250 units	41J
 3SB2908-8AB	Insulating sleeves For flat connectors, attachable from the front	3SB2908-8AB	100	250 units	41J
 3SB2908-8AD	Complete connector²⁾ For connecting contact blocks and lampholders (up to 10 connections) Ensures finger protection according to IEC 60529 and DGUV Regulation 3	3SB2908-8AD	1	1 unit	41J
 3SB2908-8AE	Plug-in sleeves For flat connectors 2.8 x 0.8 mm, with latch spring for latching into complete connector	3SB2908-8AE	100	10 units	41J
Tools					
 3SB2908-2AA	Dismantling tool For holders and lampholders with holder	3SB2908-2AA	1	1 unit	41J
 3SB2908-2AC	Mounting tool For buttons and screw lenses	3SB2908-2AC	1	1 unit	41J
 6179 0950	Crimping tool for non-insulated connections, type KRB 0560³⁾ For plug-in sleeves (both versions)	6179 0950			

¹⁾ Not suitable for EMERGENCY-STOP mushroom pushbuttons.

²⁾ Required 3SB2908-8AE plug-in sleeves for flat connectors 2.8 x 0.8 mm are not included in the scope of supply.

³⁾ Crimping tool available from: Lapp Kabel, Stuttgart, Germany (see page 16/18).

Commanding and signaling devices

SIRIUS 3SE71 cable-operated switches

Metal enclosures

Overview



3SE71 cable-operated switches

More information

Homepage, see www.siemens.com/sirius-command

SiePortal, see www.siemens.com/product?3SE71

Configuration Manual, see <https://support.industry.siemens.com/cs/ww/en/view/109758224>

The cable-operated switches are used for monitoring or as EMERGENCY-STOP devices on particularly endangered system components.

If the cable-operated switch and cable system is to function properly, the steel cable, cable clamps, thimbles and eyebolts

for the basic equipment must be ordered separately (see page 13/162).

As the effective range of a cable-operated switch is only limited by the length of the trip-wire, large systems can also be protected. Cable-operated switches (requiring pulling at both ends) are used primarily for monitoring very long belt systems.

Contact blocks

The switches for cable lengths up to 50 m are supplied with 1 NO + 1 NC, 2 NC, or 1 NO + 2 NC contacts and those up to 75 m with 1 NO + 3 NC contacts. The switches for cable lengths of 2 x 100 m are supplied with 2 NO + 2 NC contacts.

The NC contacts for cable-break and cable-pull signaling are positive-opening. The NO contact can be used, for example, for signaling purposes.

Readiness for use and display

Cable-operated switches with one-sided operation are made ready for use by pre-tensioning the turnbuckle.

On switches with interlocking, with a pre-tensioned cable, the locking must be deactivated beforehand in order to return the cable-operated switch to its original position.

Some versions are supplied with a factory-fitted LED (red, 24 V DC). This light in innovative chip-on-board technology allows the operating state of the switch to be visible at a distance of at least 50 m.

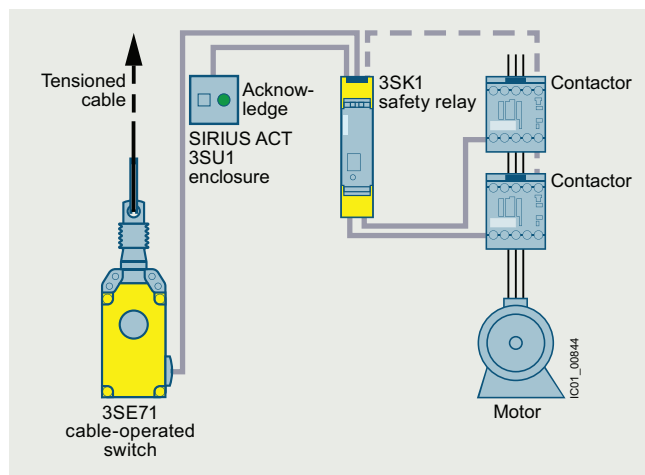
Application

Standards

The switches are equipped with latching mechanism and positive-opening NC contacts and are thus suitable for operation in EMERGENCY-STOP devices according to standard ISO 13850.

Application examples

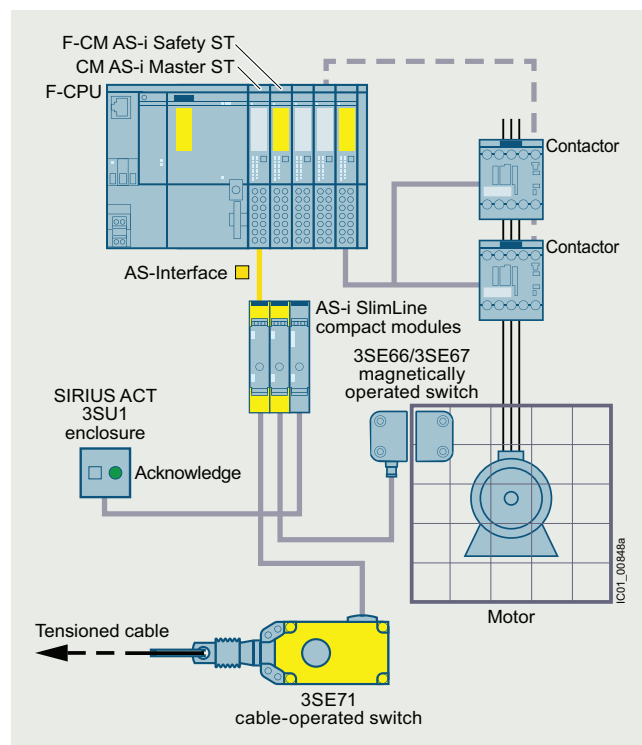
Example 1



Design of a safety application with a SIRIUS 3SE71 cable-operated switch and a 3SK1 safety relay

For a detailed description of this example of how cable-operated switches can achieve different SIL/PL levels, see <https://support.industry.siemens.com/cs/ww/en/view/109738710>.

Example 2



Protective door monitoring using a 3SE66/3SE67 non-contact safety switch (magnetically operated switch) and EMERGENCY-STOP shutdown using 3SE71 cable-operated switch up to SIL 3/PL e by means of AS-i ET 200SP Master and AS-i SlimLine compact modules

For a detailed description, see <https://support.industry.siemens.com/cs/ww/en/view/109747653>.

Commanding and signaling devices

SIRIUS 3SE71 cable-operated switches

Metal enclosures

Technical specifications

Type		3SE7120-2	3SE7120-1	3SE7150	3SE7140	3SE7141	3SE7160
General data							
Standards		IEC 60947-5-1, IEC 60204-1, ISO 13850					
Approvals		UL/CSA					
Electrical design		Contacts electrically isolated from each other					
Electrical load							
• 2-pole, at AC-15		400 V AC, 6 A			240 V AC, 2 A		400 V AC, 6 A
• 3-pole, at AC-15		240 V AC, 2 A			--		
• 4-pole, at AC-15		--					400 V AC, 6 A
• Minimum		24 V AC/DC, 10 mA					
Short-circuit protection		A	6 (slow)				
Mechanical endurance		Operating cycles	1 000 000	100 000			
Contact material		Fine silver					
Operation		By cable pull		By cable pull or cable break			
Cable length, maximum		m	5	20	50	75	2 x 100
Distance between cable supports, max.		m	3	5		4	
Enclosures							
Enclosure material		GD Al alloy, coated (color), dark black RAL 9005					
Cover		Impact-resistant thermoplast					Metal
Degree of protection according to IEC 60529 ¹⁾		IP65				IP67	IP65
Ambient temperature		°C	-25 ... +70				
Mounting		Designed for M5					
Mounting distance		mm	30 and 40				
Cable entry		2 x (M20 x 1.5)			1 x (M20 x 1.5), 2 x (M25 x 1.5)	3 x (M20 x 1.5)	2 x (M25 x 1.5)
Connection type		Screw terminals M3.5, self-lifting terminal clamp					

¹⁾ IP54 for versions with key-operated release.

Commanding and signaling devices

SIRIUS 3SE71 cable-operated switches

Metal enclosures

Selection and ordering data

Version	Cable length	Contacts	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
m							
Cable-operated switches for cable-pull and cable-break monitoring							
 3SE7120-2DD01	 3SE7120-1BH00	Metal enclosures, IP65 (cover made of plastic)	5				
		• Without latching (only for cable-pull monitoring): - Spring, 55 N - Spring, 100 N	1 NO + 1 NC → 1 NO + 1 NC → 2 NC →	3SE7120-2DD01 3SE7120-2DD01-1AS7 3SE7120-1BF00	1 1 1	1 unit 1 unit 1 unit	41K 41K 41K
		• With alignment window, with latching and button reset - With yellow cover	2 NC → 1 NO + 2 NC →	3SE7120-1BH00	1	1 unit	41K
 3SE7150-2DD00	 3SE7150-1BH00	Metal enclosures, IP65 (cover made of plastic), with alignment window	20				
		• Without latching • With latching and button reset	1 NO + 1 NC → 1 NO + 1 NC → 2 NC →	3SE7150-2DD00 3SE7150-1BD00 3SE7150-1BF00	1 1 1	1 unit 1 unit 1 unit	41K 41K 41K
		- With yellow cover	1 NO + 2 NC →	3SE7150-1BH00	1	1 unit	41K
 3SE7150-1BD04	 3SE7150-1BH04	Metal enclosures, IP65 (cover made of plastic), with alignment window, with LED, red, 24 V DC	20				
		• Without latching • With latching and button reset	1 NO + 1 NC → 1 NO + 1 NC → 1 NO + 2 NC →	3SE7150-2DD04 3SE7150-1BD04 3SE7150-1BH04	1 1 1	1 unit 1 unit 1 unit	41K 41K 41K
		- With yellow cover					
 3SE7140-1BD00		Metal enclosures, IP65 (cover made of plastic)	50				
		• With latching and button reset	1 NO + 1 NC → 2 NC →	3SE7140-1BD00 3SE7140-1BF00	1 1	1 unit 1 unit	41K 41K
		• In addition with LED, red, 24 V DC - 1 x M20 x 1.5 - 2 x M25 x 1.5	1 NO + 1 NC → 1 NO + 1 NC → 1 NO + 1 NC →	3SE7140-1BD04 3SE7140-1BD04-1AS6 3SE7140-1CD00	1 1 1	1 unit 1 unit 1 unit	41K 41K 41K
		• With latching and key-operated release	1 NO + 1 NC →		1	1 unit	41K
 3SE7141-1EG10	 3SE7141-1EG10-OCA1	Metal enclosures, IP67 (cover made of plastic)	75				
		• With EMERGENCY-STOP mushroom, with rotate to unlatch - With yellow cover	1 NO + 3 NC → 1 NO + 3 NC →	3SE7141-1EG10 3SE7141-1EG10-OCA1	1 1	1 unit 1 unit	41K 41K
 3SE7160-1AE04		Metal enclosures, IP65 with actuation on both sides					
		• With latching and button reset	2 x 100 2 NO + 2 NC → 1 NO + 1 NC → 2 NO + 2 NC →	3SE7160-1AE00 3SE7160-1BD00 3SE7160-1AE04	1 1 1	1 unit 1 unit 1 unit	41K 41K 41K
		- With LED, red, 24 V DC					

→ Positive opening according to IEC 60947-5-1, Annex K.
 Can be used with 3SK safety relays, see page Seite 1 onwards.
 Certificate:



Commanding and signaling devices

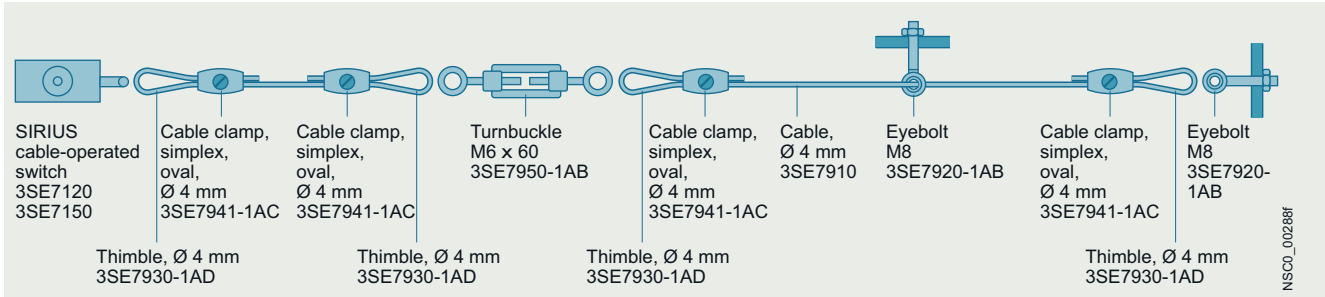
SIRIUS 3SE71 cable-operated switches

Accessories

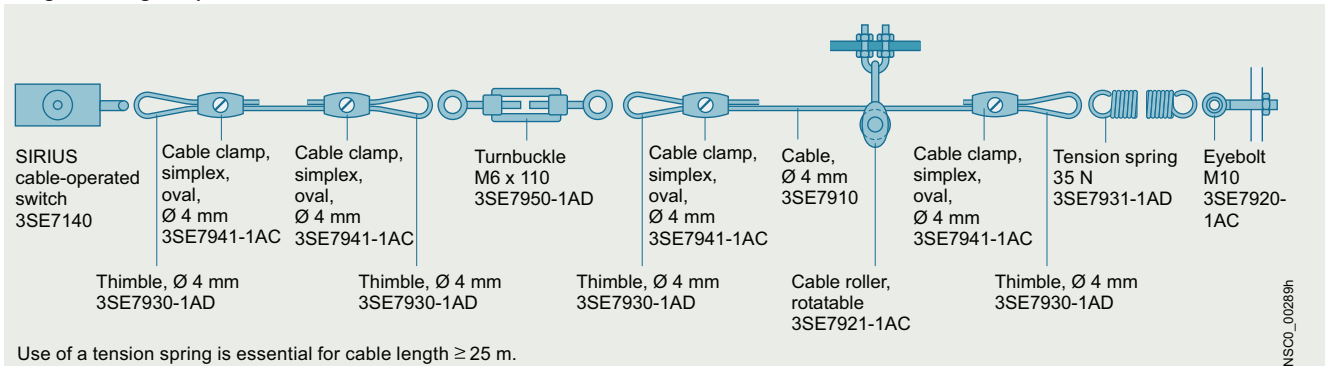
Overview

Configuration of the cable pulls

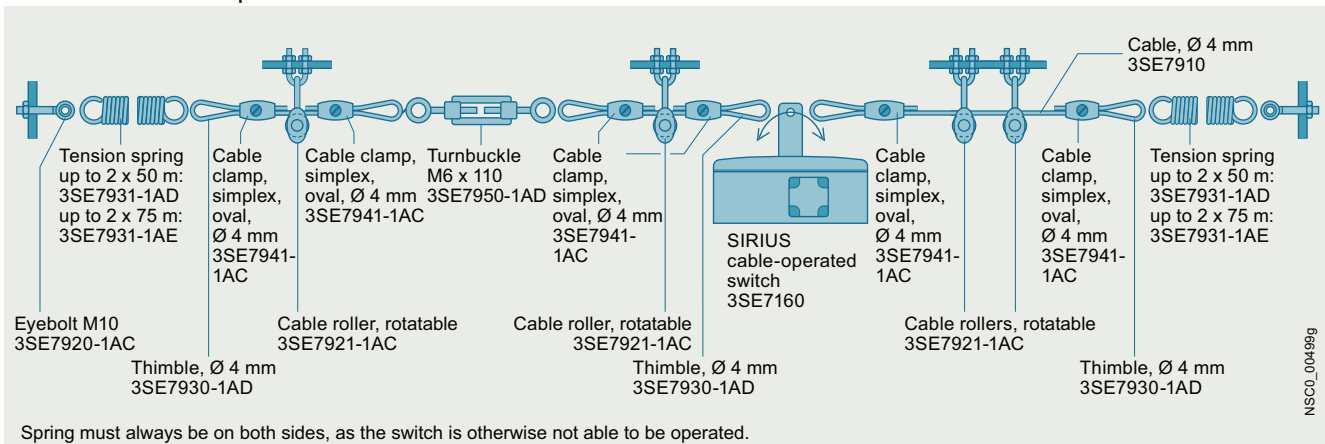
Short cable lengths up to 25 m



Long cable lengths up to 50 m



Actuation on both sides up to 2 x 100 m



Note:

Large temperature fluctuations require corresponding compensation springs. Cable supports must be used at the recommended intervals.

Commanding and signaling devices

SIRIUS 3SE71 cable-operated switches

Accessories

Selection and ordering data

The basic equipment for the cable-operated switch and cable system includes: Steel cable, cable clamps, thimbles and eyebolts

Version		Length/ diameter	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Trip-wires with fixing							
	Steel cables	10 m	3SE7910-3AA		1	1 unit	41K
	With red plastic sheath,	15 m	3SE7910-3AB		1	1 unit	41K
	4 mm diameter, including sheath;	20 m	3SE7910-3AC		1	1 unit	41K
	steel wire 3.2 mm diameter	50 m	3SE7910-3AH		1	1 unit	41K
Cable clamps , galvanized white, zinc-plated							
 	• Oval	Ø 4 mm	3SE7941-1AC		1	1 unit	41K
	• Single (1 set = 4 units)	2 x Ø 4 mm	3SE7942-1AA		1	4 units	41K
	• Simplex (1 set = 4 units)	Ø 4 mm	3SE7943-1AC		1	4 units	41K
	• Duplex (1 set = 4 units)	2 x Ø 4 mm	3SE7944-1AC		1	4 units	41K
 							
Tension springs (zinc-plated) To maintain the counter tension							
	• 13 N	--	3SE7931-1AB		1	1 unit	41K
	• 35 N, for cable pulls up to 50 m	--	3SE7931-1AD		1	1 unit	41K
	• > 35 N, for cable pulls up to 2 x 75 m	--	3SE7931-1AE		1	1 unit	41K
	Cable roller	Ø 4 mm	3SE7921-1AC		1	1 unit	41K
For changing the direction of the cable, rotatable							
Fixtures for the cable rollers (including fixing nuts)							
	--	--	3SE7921-1AA		1	1 unit	41K
Thimbles							
	Ø 4 mm	--	3SE7930-1AD		1	4 units	41K
For changing the direction of the cable and improved power transmission at the fixing points (1 set = 4 units)							
Bolts							
	• Eyebolts for fixing the cable						
	- Including M8 nut	--	3SE7920-1AB		1	1 unit	41K
	- Including M10 nut	--	3SE7920-1AC		1	1 unit	41K
	• Lifting eyebolt, rotated for cable tensioning and low-wear cable routing in the case of frequent pulling						
--	- Including M6 nut	--	3SE7922-1AB		1	1 unit	41K
Turnbuckles							
	For precise adjustment of the pre-tension						
--	• M6 x 60	--	3SE7950-1AB		1	1 unit	41K
--	• M6 x 110	--	3SE7950-1AD		1	1 unit	41K
Snap hooks DIN 5299, Form C, 50 mm x 5 mm							
	For easy fastening of the cable to the tension spring, turnbuckle and lifting eyebolt						
Stainless steel (1 set = 2 units)	--		3SE7932-1AC		1	4 units	41K
Spare parts							
	LED light , red, 24 V DC, 25 mm diameter; for M20 x 1.5 device connection	--	3SX3235		1	1 unit	41K

Commanding and signaling devices

SIRIUS 3SE73 conveyor belt unbalance trackers

Metal enclosures

Overview



3SE73 conveyor belt unbalance trackers

More information

Homepage, see www.siemens.com/sirius-command
 SiePortal, see www.siemens.com/product?3SE73
 Configuration Manual, see <https://support.industry.siemens.com/cs/ww/en/view/109758224>

Conveyor belts may run out of line, causing major damage.

For this reason, conveyor belt unbalance trackers are used to detect belt misalignment and to switch off the belt.

They are actuated by contact of the belt with the roller lever, causing it to swing out when a certain actuating angle is reached.

Contact blocks

The conveyor belt unbalance trackers are supplied with 2 NO + 2 NC contacts.

Readiness for use and display

One version is supplied with a factory-fitted LED (red, 24 V DC). This light in innovative chip-on-board technology allows the operating state of the switch to be visible at a distance of at least 50 m.

Application

Switching devices for protection of conveyor systems

Depending on the area of application and industry, the trackers are used on different conveyor belts, while at the same time having to meet safety and robustness requirements.

The conveyor belt unbalance tracker monitors the correct running of conveyor belts and thus safeguards the transport process of heavy bulk materials. For larger systems requiring a reliable EMERGENCY-STOP function and cable-break monitoring, 3SE71 cable-operated switches can be used.

The large stainless steel roller lever of the conveyor belt unbalance tracker swings out if a belt does not move centrally between the rollers and – depending on the integration into the control system – causes a correction of the belt position or the shutdown of the entire system.

Selection and ordering data

Version	Contacts	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Conveyor belt unbalance trackers						
Metal enclosures, IP65						
 3SE7310-1AE00	With latching and button reset	2 NO + 2 NC ➞	3SE7310-1AE00	1	1 unit	41K
 3SE7310-1AE04	- With LED, red, 24 V DC	2 NO + 2 NC ➞	3SE7310-1AE04	1	1 unit	41K

➞ Positive opening according to IEC 60947-5-1, Annex K.
 Can be used with 3SK safety relays, see page Seite 1 onwards.
 Certificate:

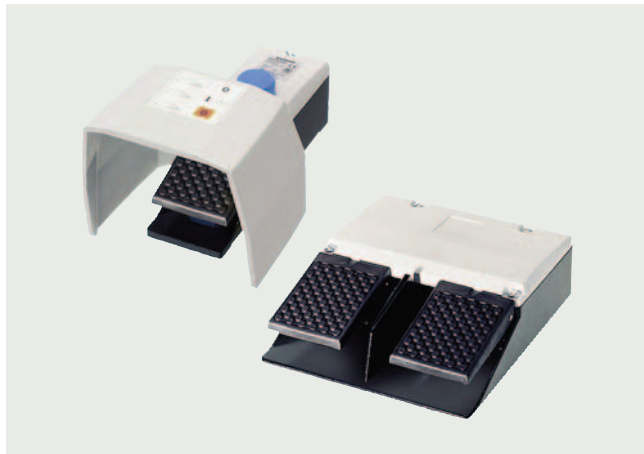


Commanding and signaling devices

SIRIUS 3SE2, 3SE3 foot switches

Plastic and metal enclosures

Overview



3SE29 foot switch with metal enclosure

More information

Homepage, see www.siemens.com/sirius-command

SiePortal, see www.siemens.com/product?3SE2

Configuration Manual, see <https://support.industry.siemens.com/cs/ww/en/view/109758224>

Standard switches

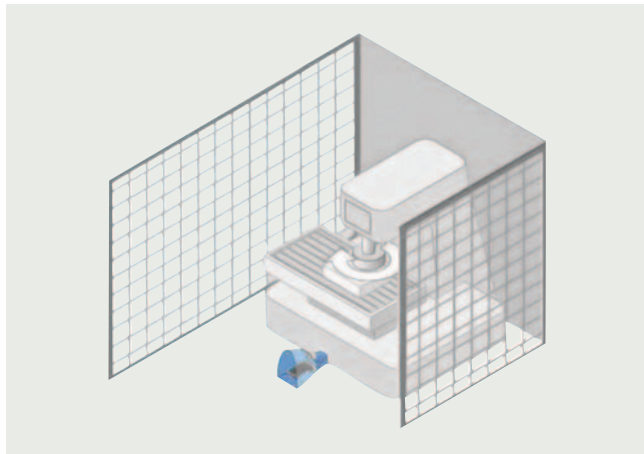
The 3SE29 and 3SE39 foot switch range encompasses versions in a metal enclosure for rugged applications as well as versions with plastic enclosure for less harsh environments. The devices can be supplied with or without a cover and have fixing holes for them to be screwed to the floor.

Depending on the particular application, the metal enclosures can be ordered with contact blocks in latching or momentary-contact versions. The momentary-contact pedal switch in the plastic enclosure has one microswitch (changeover contact) per actuating pedal.

Safety foot switches

The 3SE2924-3AA20 1-pedal safety foot switches are used on machines and plants as OK switches when operation by hand is not possible. The switches have an interlocking function.

The safety foot switches are protected by a guard hood against accidental operation.



Application example

The switches have two contact blocks, each with one NO contact and one NC contact. The NO contacts and NC contacts of the two contact blocks are connected in series for easy connection of a 1-phase motor. The normal workflow is initiated by pressing down the pedal as far as the pressure point so that the two NO contacts close and the motor starts to run.

If in the event of danger the pedal is pressed beyond the resistance of the pressure point, the positive-opening NC contacts will open and the motor is stopped. At the same time the independent latching takes effect and holds the NC contacts in open position. This prevents the machine parts from continuing to run out of control or from being restarted.

After the hazard is eliminated, the machine can only be restarted after manually releasing the switch using a pushbutton on the top of the enclosure. The contacts are then released again and return to their initial position (the NO contacts are open and the NC contacts are closed).

Technical specifications

Type	3SE29	3SE39
Metal and plastic enclosures		
Standards	IEC 60947-5-1	
Electrical load		
• At AC-15, 400 V		
- 1 NO + 1 NC	A 10	--
- 2 NO + 2 NC	A 6	--
- 3SE2924-3AA20 (2 NO + 2 NC)	A 10	--
• At 250 V AC	A --	5
Short-circuit protection		
- 1 NO + 1 NC	A 10 (slow)	--
- 2 NO + 2 NC	A 6 (slow)	--
- 3SE2924-3AA20 (2 NO + 2 NC)	A 10 (slow)	--
- 1 CO	A --	5 (slow)
Mechanical endurance	> 10 ⁶ operating cycles	
Material		
• Enclosures	Aluminum casting	Impact-resistant thermoplast, self-extinguishing according to UL 94 VO
• Covers	Thermoplast	—
• Guard hoods	Aluminum casting	Metal
Degree of protection	IP65	IP65
Ambient temperature	°C -25 ... +80	-10 ... +75
Connection	Cable entry, metric	Cable AWG20, UL Style 2464, length 3 m

Commanding and signaling devices

SIRIUS 3SE2, 3SE3 foot switches

Plastic and metal enclosures

Selection and ordering data

	Version	Slow-action contacts for each pedal	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	
Metal enclosures, degree of protection IP65								
 3SE290.-.AA20 3SE291.-.AA20	Momentary-contact foot switches (non-latching), 1-pedal, M20 x 1.5 cable entry							
	• Without hood	1 NO + 1 NC ➡	3SE2902-0AB20		1	1 unit	41K	
		2 NO + 2 NC ➡	3SE2903-1AB20		1	1 unit	41K	
	• With hood	1 NO + 1 NC ➡	3SE2902-0AA20		1	1 unit	41K	
		2 NO + 2 NC ➡	3SE2903-1AA20		1	1 unit	41K	
 3SE2912-2AB20 3SE2912-2AA20	Foot switches (latching), 1-pedal, M20 x 1.5 cable entry							
	• Without hood	1 NO + 1 NC ➡	3SE2912-2AB20		1	1 unit	41K	
	• With hood	1 NO + 1 NC ➡	3SE2912-2AA20		1	1 unit	41K	
	Momentary-contact foot switches (non-latching), 2-pedals, M25 x 1.5 cable entry							
	• Without hood	1 NO + 1 NC ➡ 2 NO + 2 NC ➡	3SE2932-0AB20 3SE2932-1AB20		1 1	1 unit 1 unit	41K 41K	
 3SE2932-.AB20 3SE2932-.AA20	• With hood	1 NO + 1 NC ➡ 2 NO + 2 NC ➡	3SE2932-0AA20 3SE2932-1AA20		1 1	1 unit 1 unit	41K 41K	
	Safety foot switch, 1-pedal With hood M20 x 1.5 cable entry with interlocking function; NO closes as momentary contact NC opens with automatic latching (safety function)		2 NO + 2 NC ➡	3SE2924-3AA20		1	1 unit 41K	
	Plastic enclosures, degree of protection IP65							
	 3SE3902-4CB20 3SE3934-5CB20	Momentary-contact pedal switches, 3 m cable		Microswitch				
		• 1-pedal, without hood	1 CO	3SE3902-4CB20		1	1 unit	41K
• 2-pedals, without hood		2 x 1 CO	3SE3934-5CB20		1	1 unit	41K	
Accessories								
	Contact block, Supersedes momentary-contact foot switches 3SE2903-1A.20 ¹⁾ and 3SE2932-1A.20 ²⁾	1 NO + 1 NC	3SE3982-0K		1	1 unit	41K	
	Contact block, Supersedes momentary-contact foot switches 3SE2902-0A.20 and 3SE2932-0A.20 ³⁾	1 NO + 1 NC	3SE3982-0L		1	1 unit	41K	
	Contact block, 16 A Supersedes momentary-contact foot switch 3SE2924-3AA20 ¹⁾	1 NO + 1 NC	3SE3982-7J		1	1 unit	41K	

➔ Positive opening according to IEC 60947-5-1, Annex K.
Can be used with 3SK safety relays, see page Seite 1 onwards.
Certificate:



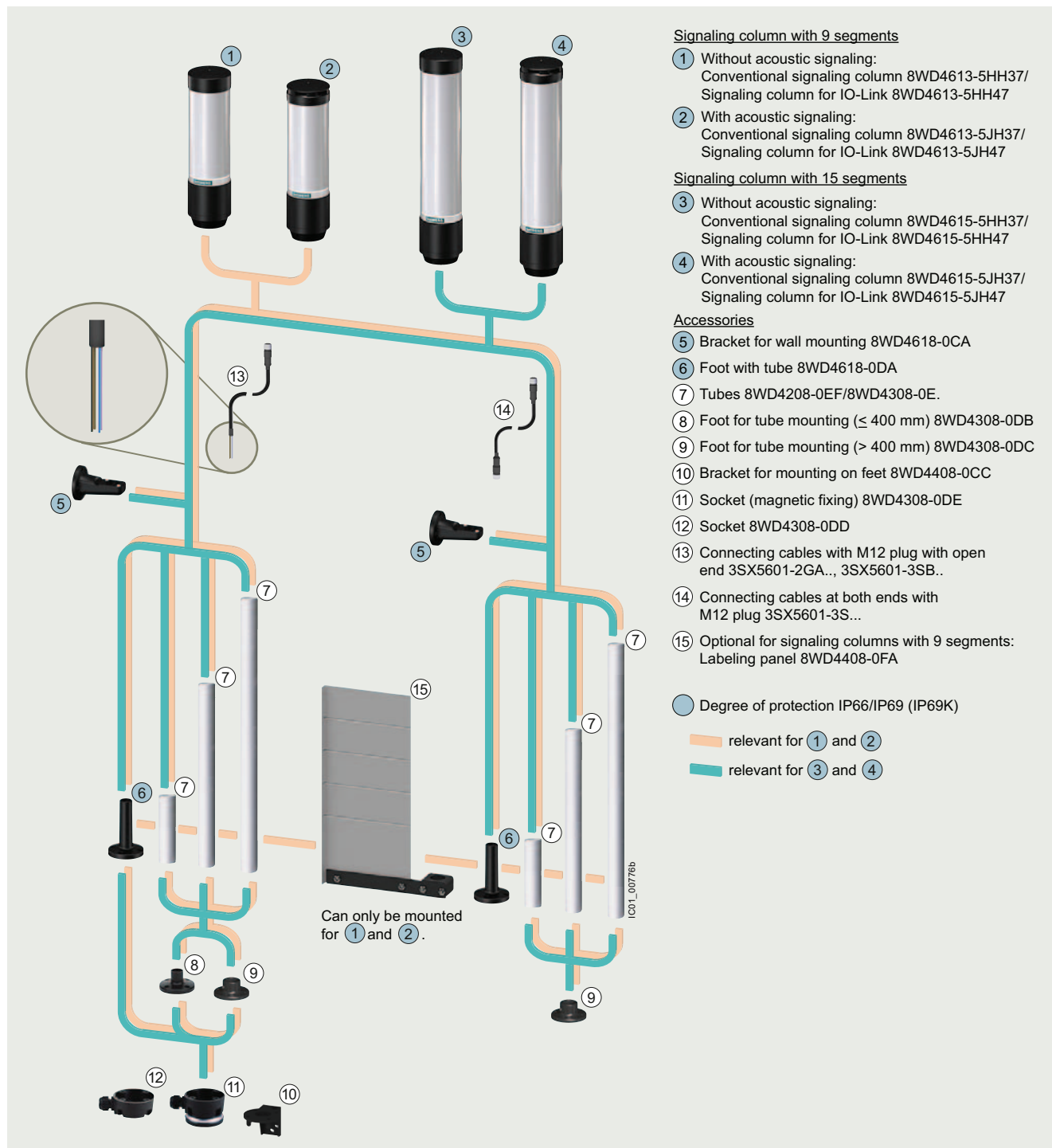
- 1) Number of contact blocks required for the momentary-contact foot switch = 2.
2) Number of contact blocks required per pedal = 2.
3) Number of contact blocks required per pedal = 1.

Commanding and signaling devices

SIRIUS 8WD4 signaling columns

Electronically configurable 8WD46 signaling columns, 70 mm diameter **NEW**

Overview



8WD46 signaling column with up to 15 segments

More information

Homepage, see www.siemens.com/sirius-signaling-columns
 SiePortal, see www.siemens.com/product?8WD4
 Configuration Manual, see <https://support.industry.siemens.com/cs/ww/en/view/109810488>
 For operating instructions, see <https://support.industry.siemens.com/cs/ww/en/view/109810633>



Video:
SIRIUS 8WD46 signaling column – Electronics can be individually configured

Commanding and signaling devices

SIRIUS 8WD4 signaling columns

NEW

Electronically configurable 8WD46 signaling columns, 70 mm diameter

The electronically configurable 8WD46 signaling columns are flexible in design and versatile in use thanks to their new compact and electronically modular design.

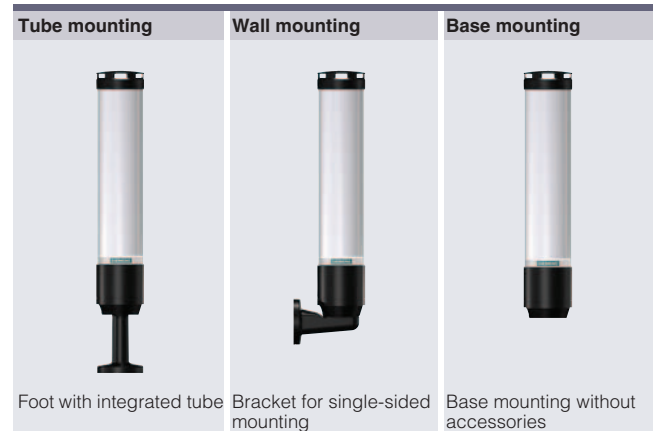
Features:

- Thermoplast enclosure, 70 mm diameter
- With 9 or 15 segments (number of segments adjustable for each tier)
- With or without acoustic element
- Degree of protection IP66/IP69 (IP69K)

Two product series are available:

- Conventional signaling columns
 - Configuration of signaling column via USB interface
 - Fast connection of the signaling column to the application via 8-pole M12 plug
- Signaling columns for IO-Link
 - Configuration of signaling column via IO-Link interface (IODD)
 - Fast connection of the signaling column to the application via 4-pole M12 plug

Mounting options



Benefits

- Choice of various light and acoustic signals with different functions: Continuous light, blinklight, flashlight and rotating light; siren
- Light elements with particularly long-lasting LEDs
- Variety of colors: > 1 million colors
- Optimized homogeneous illumination thanks to improved diffuser technology
- Acoustic signals can be adjusted in tone and volume
- Extremely resistant to shock and vibrations
- Simple configuration and fast connection using M12 plugs
- No wiring required
- No special tools needed
- Fewer versions thanks to electronic modularity
- Communication-capable through connection to IO-Link

Application

8WD46 signaling columns are used in machines or in automatic processes for monitoring complex procedures or as visual or acoustic warning devices in emergency situations, e.g. for displaying individual assembly stages.

Communication capability

IODD (IO Device Description)

The IO Device Description (IODD) has been defined to provide a full, transparent description of system characteristics as far as the IO-Link device. The IODD contains information on communication characteristics, device parameters, identification, process and diagnostics data.

The IODD for signaling columns for IO-Link is available at the link below, [see](#)

<https://support.industry.siemens.com/cs/ww/en/view/109807683>.

Connection

Conventional signaling columns

Wiring of the signaling elements using screw or spring-loaded terminals is not required. The signaling column is connected via an 8-pole M12 plug.

Signaling columns for IO-Link

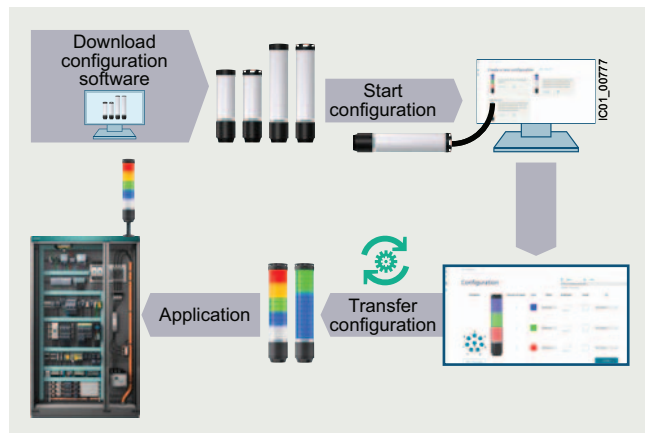
The signaling column is connected via a 4-pole M12 plug.

Commanding and signaling devices

SIRIUS 8WD4 signaling columns

Electronically configurable 8WD46 signaling columns, 70 mm diameter **NEW**

Configuration



Simple and fast configuration

Conventional signaling columns

Configuration options via configuration software and transfer via USB interface, see <https://support.industry.siemens.com/cs/ww/en/view/109807684>.

Signaling columns for IO-Link

Configuration options via IO-Link. The setting is made via the IO Device Description (IODD), see [Communication capability](#).

Optical configuration options

Colors	Intensity	Light pattern
Ten different colors • Eight preset colors: - Red - Green - Yellow - Blue - White - Turquoise - Violet - Light yellow • > 1 million colors can be configured	The brightness can be adjusted for each block.	Optical signal profiles: • Blinklights • Flashlights (single, double and triple-flash lights) • Continuous lights • Rotating lights One light pattern per block can be selected.

Acoustic configuration options (siren)

Tones	Volume
Ten different tones can be set	• 80 to 105 dB • Four different volume levels can be set

Various operating modes

Signaling column mode	Automatic scaling mode	Level mode	Individual mode

Individual configuration of light pattern, color, brightness and acoustics

Signaling column mode

Individual segments can be connected to form a block. The blocks have fixed positions and may be off if the corresponding block and the optical signal are not activated.

Automatic scaling mode

The segments are automatically and uniformly distributed among the number of controlled pins and status messages. If the segments cannot be uniformly distributed, the color with the highest priority will be assigned to the last segment.

Level mode

- The segments are used as level indicators.
- From 0% (all segments are switched off) up to 100% (all segments are activated).

Examples: Order progress, liquid tank, material quantity

Individual mode

Each segment can be set and controlled individually, thus allowing for a maximum range of individual signaling options.

Commanding and signaling devices

SIRIUS 8WD4 signaling columns

NEW

Electronically configurable 8WD46 signaling columns, 70 mm diameter

Technical specifications

Article number	8WD4613-5HH37		5JH37		8WD4615-5HH37		5JH37		8WD4613-5HH47		5JH47		8WD4615-5HH47		5JH47	
Product version	Conventional signaling columns		Signaling columns for IO-Link													
General data																
Approvals			cULus, EAC, CE													
Operational voltage type			DC													
Operational voltage at DC			V	24												
Relative positive tolerance of the operational voltage			%	10										20		
Relative negative tolerance of the operational voltage			%	10										20		
Insulation voltage (U _i)			V	50												
Impulse withstand voltage (U _{imp})			V	330												
Operational current			mA	335	405	555	620	335	405	555	620					
Current consumed, minimum			mA	65		95		65		95						
Inrush current			mA	800												
Type of external power supply required			SELV/PELV extra-low voltage													
Overvoltage category			I													
Pollution degree			3													
Letter code according to IEC 81346-2:2019			P													
Equipment protection class according to IEC 61140			III													
Type of interface for parameterization			USB-C						IO-Link							
Type of parameterization			Software						IODD							
Optical signal																
Light source integrated in product			Yes													
Type of light source			RGB-LED, multi-color													
LED service life			h	50 000												
Color of calotte			Clear													
Number of light segments			9		15		9		15							
Number of settable colors			1 000 000													
Type of optical signal			Blink, flash, continuous, double flash, triple flash, rotating													
Product function: Settable optical signal			Yes													
Product function: Settable luminous intensity			Yes													
Default number of signal blocks			3		5		3		5							
Default type of signal blocks																
• 1			Green/ continuous light/ 3 light segments		White/ continuous light/ 3 light segments		Green/ continuous light/ 3 light segments		White/ continuous light/ 3 light segments							
• 2			Yellow/ continuous light/ 3 light segments		Blue/ continuous light/ 3 light segments		Yellow/ continuous light/ 3 light segments		Blue/ continuous light/ 3 light segments							
• 3			Red/ continuous light/ 3 light segments		Green/ continuous light/ 3 light segments		Red/ continuous light/ 3 light segments		Green/ continuous light/ 3 light segments							
• 4			--		Yellow/ continuous light/ 3 light segments		--		Yellow/ continuous light/ 3 light segments							
• 5			--		Red/ continuous light/ 3 light segments		--		Red/ continuous light/ 3 light segments							
Flash frequency			Hz	1												
Blink frequency																
• 1			Hz	1												
• 2			Hz	2												
• 3			Hz	3												

Commanding and signaling devices

SIRIUS 8WD4 signaling columns

Electronically configurable 8WD46 signaling columns, 70 mm diameter **NEW**

Article number	8WD4613-5HH37		5JH37		8WD4615-5HH37		5JH37		8WD4613-5HH47		5JH47		8WD4615-5HH47		5JH47	
Product version	Conventional signaling columns								Signaling columns for IO-Link							
Acoustic signal																
Type of acoustic signal																
Default type of acoustic signal																
Product function: Settable acoustic signal																
Service life of the acoustic signaling device																
Volume level																
Default volume level																
Number of settable tones																
Default tone frequency																
Tone frequency of alternating tone																
Communication																
IO-Link mode																
Type of connectable IO-Link device																
IO-Link transfer rate																
Protocol is supported IO-Link protocol																
Number of IO-Link ports																
Point-to-point cycle time between the master and the IO-Link device, minimum																
Enclosures																
Height																
Width																
Outer diameter																
Material																
Color of enclosure																
Mounting type																
Degree of protection IP																
Degree of protection according to NEMA																
Type of electrical connection																
Ambient conditions																
Ambient temperature during operation																

Commanding and signaling devices

SIRIUS 8WD4 signaling columns

NEW
Electronically configurable 8WD46 signaling columns, 70 mm diameter

Selection and ordering data

Type of acoustic signal	Number of light segments	Default number of signal blocks	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	
Conventional signaling columns · With M12 plug, 8-pole · 24 V DC								
Without acoustics								
 8WD4613-5HH37	--	9	8WD4613-5HH37		1	1 unit	42K	
		15			1	1 unit	42K	
 8WD4615-5HH37								
With acoustics								
 8WD4613-5JH37	Multi-tone	9	8WD4613-5JH37		1	1 unit	42K	
		15			1	1 unit	42K	
 8WD4615-5JH37								
Signaling columns for IO-Link · With M12 plug, 4-pole · 24 V DC								
Without acoustics								
 8WD4613-5HH47	--	9	8WD4613-5HH47		1	1 unit	42K	
		15			1	1 unit	42K	
 8WD4615-5HH47								
With acoustics								
 8WD4613-5JH47	Multi-tone	9	8WD4613-5JH47		1	1 unit	42K	
		15			1	1 unit	42K	
 8WD4615-5JH47								

Accessories

Version		Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Mounting							
 8WD4308-0DA	Feet with tube						
	Tube length 100 mm						
	Standard	Black	8WD4308-0DA		1	1 unit	41J
	Degree of protection IP66/IP69 (IP69K)	Black	8WD4618-0DA		1	1 unit	42K
	Feet, single						
	Plastic, for tube mounting, for tube lengths ≤ 400 mm	Black					
 8WD4308-0DB							
	Metal, for tube mounting, for tube lengths > 400 mm	Black	8WD4308-0DC		1	1 unit	41J
 8WD4308-0DC							

 More accessories, [see next page](#).

Commanding and signaling devices

SIRIUS 8WD4 signaling columns

Electronically configurable 8WD46 signaling columns, 70 mm diameter **NEW**

Version		Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Mounting (continued)							
	Tubes, single						
	• Length 100 mm	Silver	8WD4208-0EF		1	1 unit	41J
	• Length 150 mm	Silver	8WD4308-0EE		1	1 unit	41J
	• Length 250 mm	Silver	8WD4308-0EA		1	1 unit	41J
	• Length 400 mm	Silver	8WD4308-0EB		1	1 unit	41J
	• Length 1 000 mm	Silver	8WD4308-0ED		1	1 unit	41J
	Sockets for feet						
8WD4308-0DD	• Side cable outlet (can also be used without feet)	Black	8WD4308-0DD		1	1 unit	41J
	• Side cable outlet, with magnetic fixing ²⁾	Black	8WD4308-0DE		1	1 unit	41J
8WD4308-0DE							
	Bracket for foot mounting		Black	8WD4408-0CC	1	1 unit	41J
8WD4408-0CC							
	Brackets for wall mounting (mounting without feet and tube) For single-sided mounting						
8WD4.8-0CA	• Standard	Black	8WD4308-0CA		1	1 unit	41J
	• Degree of protection IP66/IP69 (IP69K)	Black	8WD4618-0CA		1	1 unit	42K
Cables for conventional signaling columns							
	USB C cable						
8WD4618-0FB	USB-A to USB-C, length 2 m	Black	8WD4618-0FB		1	1 unit	42K
	Connecting cables						
3SX5601-2GA03	• With M12 socket, 8-pole, straight, open end, rated voltage 30 V, rated current 2 A						
	- Length 3 m	--	3SX5601-2GA03		1	1 unit	41K
	- Length 5 m	--	3SX5601-2GA05		1	1 unit	41K
	- Length 10 m	--	3SX5601-2GA10		1	1 unit	41K
	- Length 15 m	--	3SX5601-2GA15		1	1 unit	41K
	• With M12 socket, 8-pole and M12 plug, 8-pole, length 1 m	--	3SX5601-3SV18		1	1 unit	41K
3SX5601-3SV18							
	M12 plugs, 8-pole						
6GT2090-0BE00	• Straight	--	6GT2090-0BE00		1	5 units	572
Cables for signaling columns for IO-Link							
	Connecting cables						
3SX5601-3SB54	• With M12 socket, open end, length 5 m						
	- 4-pole	--	3SX5601-3SB54		1	1 unit	41K
	- 5-pole	--	3SX5601-3SB55		1	1 unit	41K
	• With M12 socket, 5-pole and M12 plug, 5-pole, length 1 m	--	3SX5601-3SV15		1	1 unit	41K
	M12 plugs, 5-pole						
3RK1902-4BA00-5AA0	• Straight, separate item	--	3RK1902-4BA00-5AA0		1	1 unit	42D
	• Angled, separate item	--	3RK1902-4DA00-5AA0		1	1 unit	42D
Inscription for 8WD4613 signaling columns with 9 segments							
	Labeling panel						
8WD4408-0FA	With fixing accessories, for mounting on Ø 25 mm tube	--	8WD4408-0FA		1	1 unit	41J
	Inscription area/ step 50 mm x 140 mm						
	Suitable for standard labels, e.g.						
	• Zweckform 3425						
	• Herma 4457						

Further connecting cables, see pages 12/52, 12/53 and 12/74.

Commanding and signaling devices

SIRIUS 8WD4 signaling columns

8WD42 and 8WD44 signaling columns > General data

Overview

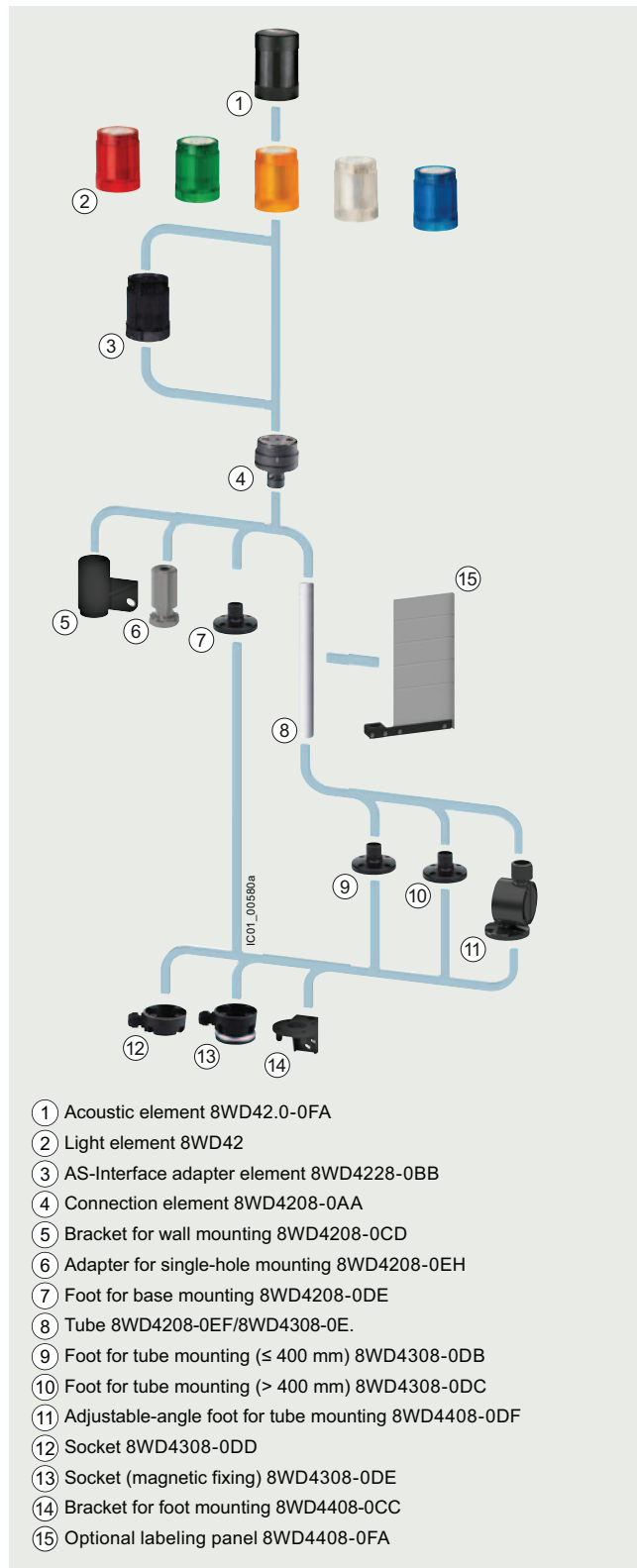
The 8WD4 signaling columns are flexible in design and versatile in use.

More information

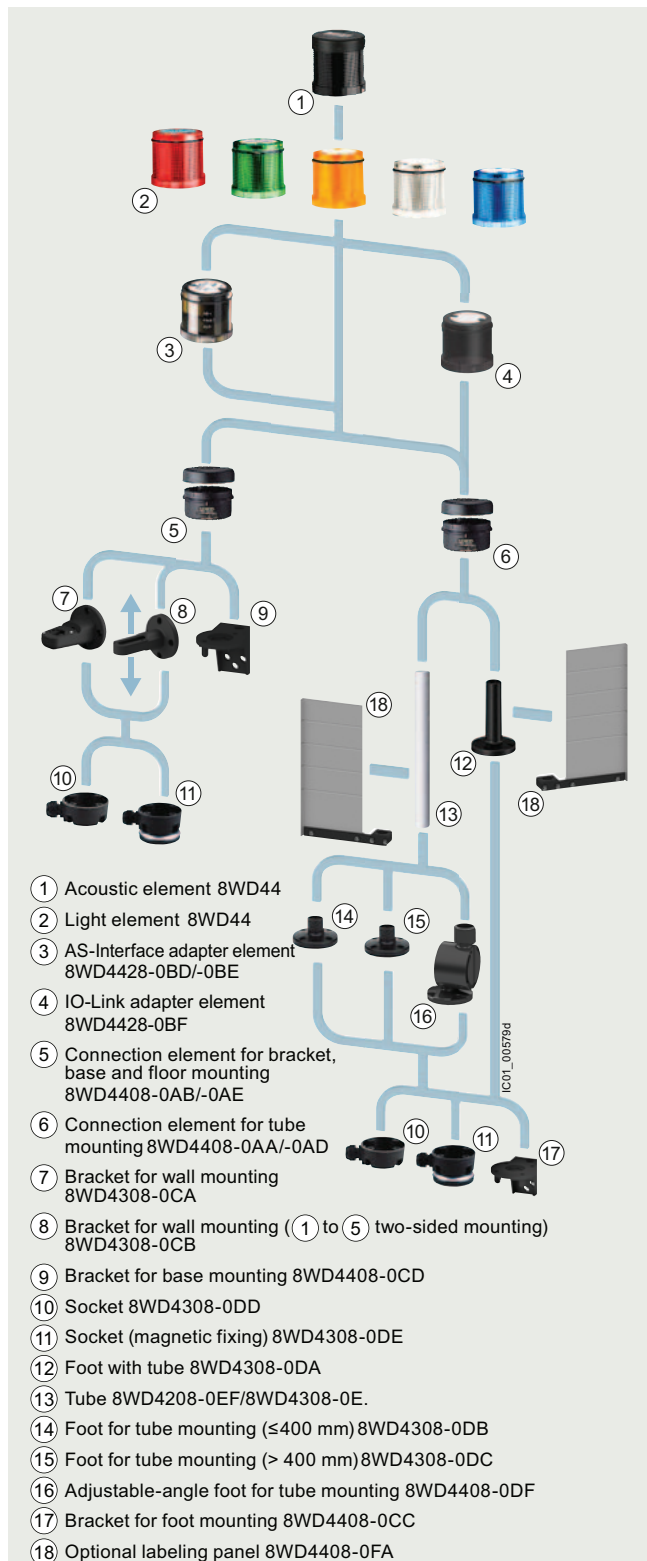
Homepage, see www.siemens.com/sirius-signaling-columns

SiePortal, see www.siemens.com/product?8WD4

Manual, see <https://support.industry.siemens.com/cs/ww/en/view/109758131>



8WD42 signaling column (width 50 mm) with up to four elements



8WD44 signaling column (width 70 mm) with up to five elements

Commanding and signaling devices

SIRIUS 8WD4 signaling columns

8WD42 and 8WD44 signaling columns > General data

Two product series are available:

- 8WD42
 - Thermoplast enclosure, 50 mm diameter
 - Degree of protection IP54
 - Up to four elements can be mounted between the connection element and the cover
- 8WD44
 - Thermoplast enclosure, 70 mm diameter
 - Advanced design and significantly improved illumination
 - Fast and flexible connection using spring-loaded terminals
 - Degree of protection IP65
 - Up to five elements can be mounted between the connection element and the cover



Mounting examples for signaling columns

The illustrated examples are from the left:

- 8WD42: Cover (without No.), four light elements ②, connection element ④, tube ⑧, foot ⑨
- 8WD44: Acoustic element with cover ①, two light elements ②, connection element ⑥, foot with tube ⑫
- 8WD44: Cover (without No.), four light elements ②, AS-Interface adapter element ③, connection element ⑤, bracket for wall mounting ⑦
- 8WD44: Cover (without No.), three light elements ②, AS-Interface adapter element ③, connection element ⑥, foot with tube ⑫

Note:

The cover is supplied with the connection element.

Benefits

- Choice of various light and acoustic elements with different functions:
Continuous light, blinklight, flashlight and rotating light; buzzer and siren
- Light elements with particularly long-lasting LEDs
- Variety of colors: red, yellow, green, white or blue
- Optimized illumination through improved prism technology with the 8WD44
- Acoustic elements can be adjusted in tone and volume
- Extremely resistant to shock and vibrations
- Easy connection and quick lamp change with secure bayonet mechanism
- Communication capability through connection to AS-Interface
- Communication capability through connection to IO-Link for 8WD44 only

Application

8WD4 signaling columns are used in machines or in automatic processes for monitoring complex procedures or as visual or acoustic warning devices in emergency situations, e.g. for displaying individual assembly stages.

Communication capability

Connection to AS-Interface

The 8WD4 signaling columns can be directly connected to the AS-Interface bus system through an adapter element that can be integrated in the column. Wiring outlay is reduced as the result. The two-wire bus cable is fixed to the terminals in the connection element. Up to four signaling elements can be mounted on it using an adapter element.

A/B technology enables the connection of up to 62 slaves on one AS-Interface system.

IODD (IO Device Description)

The IO Device Description (IODD) has been defined to provide a full, transparent description of system characteristics as far as the IO-Link device. The IODD contains information on communication characteristics, device parameters, identification, process and diagnostics data.

The IODD is available under IO-Link Device Definition, see <https://support.industry.siemens.com/cs/ww/en/view/109761427>.

Connection

The signaling elements are wired up using terminals in the connection element, screw terminals on the 8WD42 and screw or spring-loaded terminals on the 8WD44.

Cable outlet

The connecting cables can be guided either downwards or sideways through the cable gland using an adapter that can be screwed under the foot. This makes wiring easier if there is no access from below.

Connection to AS-Interface

8WD42

The two-wire bus cable is fixed to the screw terminals in the connection element. The adapter element must be the first module to be mounted on the connection element. A maximum of four signaling elements can then be mounted on it.

The 8WD4228-0BB adapter element is a standard slave.

8WD44

The two-wire bus cable is fixed to the screw or spring-loaded terminals in the connection element. The adapter element must be the first module to be mounted on the connection element. The signaling elements can then be mounted on it.

The 8WD4428-0BE adapter element is a standard slave. A maximum of four signaling elements can be mounted on it.

The 8WD4428-0BD adapter element with A/B technology enables the connection of up to 62 slaves on one AS-Interface system. The addressing socket provides user-friendly parameterization of the AS-Interface elements. A maximum of three signaling elements can be mounted on it.

Connection to IO-Link

8WD4428-0BF

The 8WD44 signaling columns are directly connected to the IO-Link system using an IO-Link adapter element that can be integrated in the column and can accommodate up to five light elements.

Commanding and signaling devices

SIRIUS 8WD4 signaling columns

8WD42 and 8WD44 signaling columns > General data

Technical specifications

Type		8WD42	8WD44
General data			
Approvals		UL, CSA	UL, CSA
Light and acoustic elements			
Rated voltage, power consumption		(AC values at 50/60 Hz)	(AC values at 50/60 Hz)
- Light elements with incandescent lamp - Continuous lights V AC/DC 12, 24, 115, 230 - Blinklights V AC/DC/mA 24/125 - Flashlights V AC/mA 115/20, 230/15 - V DC/mA 24/125 - V AC/mA 115/20, 230/35 - Max. inrush current, blinklights/flashlights mA 500 - Light elements with integrated LED - Continuous lights V AC/DC/mA 24/30 - Blinklights V AC/mA 115/25, 230/35 - V AC/DC/mA 24/35 - V AC/mA 115/25, 230/35 - Rotating lights V AC/DC/mA 24/70 - Acoustic elements - Buzzer element (tone: pulsating or continuous tone, 85 dB) V AC/DC/mA 24/30 - V AC/mA 115/35, 230/35 - Siren element (8 tones + volume can be set, 102 dB) V AC/DC/mA 24/80 - V AC/mA 115/30, 230/16 - Siren element (95 ... 105 dB) V DC/mA 24/100			
Power consumption			
- Incandescent lamp, BA15d base W Max. 5 - Flashlights, flash energy Ws 2			
Service life			
Flashlights --			4 x 10 ⁶ flashes
AS-Interface adapter elements			
IO code/ID code		8/F	8/E
Power supply			
- Operational voltage V 18.5 ... 31.6 - Power consumption $I_{\max}$ mA 50		Through bus cable	Through bus cable
Protective measures			
- Watchdog ✓ - Short-circuit/overload protection External back-up fuse M 1.6 A ✓ - Reverse polarity protection ✓ - Induction protection N/A ✓			
Outputs			
- Load voltage V DC 4 relay outputs - V AC External auxiliary voltage 0 ... 30 0 ... 230 - Current-carrying capacity $\Sigma I_{\max}$ A 1.5 - With external auxiliary voltage A -- - Without external auxiliary voltage 0.3 0.2			3 electronic outputs
Operating temperature	°C	-20 ... +50	-20 ... +50
Enclosures			
Enclosure material		Thermoplast (polyamide), impact-resistant, black	Thermoplast (polyamide), impact-resistant, black
Light elements		Thermoplast (polycarbonate)	Thermoplast (polycarbonate)
Mounting			
- Horizontal (base mounting, foot with tube Ø 25 mm) ✓ - Horizontal (single-hole mounting) ✓ - Vertical with bracket ✓			
Degree of protection			
- Light elements IP54 - Acoustic elements, AS-i adapter elements IP54			IP65 (seal premounted with every module)
Operating temperature	°C	-20 ... +50	-20 ... +50
Connection			
- Conductor cross-sections mm² M3 screw terminals - Tightening torque Nm Max. 2.5 - Max. 0.4			Spring-loaded terminals/M3 screw terminals
			Max. 2.5
			--/max. 0.4

✓ Available

-- Not available

Commanding and signaling devices

SIRIUS 8WD4 signaling columns

8WD42 and 8WD44 signaling columns > 8WD42 signaling columns, 50 mm diameter

Overview

Features:

- Thermoplast enclosure, 50 mm diameter
- Degree of protection IP54
- Up to four elements can be mounted between the connection element and the cover

Selection and ordering data

Version		Rated voltage	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
		V						
Acoustic elements ¹⁾								
	Buzzer elements 85 dB, tone frequency approx. 2 300 Hz, pulsating or continuous tone, adjustable by means of a wire jumper	24 AC/DC	Black	8WD4220-0FA		1	1 unit	41J
		115 AC/DC	Black	8WD4240-0FA		1	1 unit	41J
		230 AC	Black	8WD4250-0FA		1	1 unit	41J
8WD4220-0FA								
Light elements for incandescent lamp/LED, BA15d base ²⁾								
	Continuous light elements (without lamp)	12 ... 230 AC/DC	Red	8WD4200-1AB		1	1 unit	41J
			Green	8WD4200-1AC		1	1 unit	41J
			Yellow	8WD4200-1AD		1	1 unit	41J
			Clear	8WD4200-1AE		1	1 unit	41J
			Blue	8WD4200-1AF		1	1 unit	41J
8WD4200-1AD								
Light elements with integrated LED								
	Continuous light elements	24 AC/DC	Red	8WD4220-5AB		1	1 unit	41J
			Green	8WD4220-5AC		1	1 unit	41J
			Yellow	8WD4220-5AD		1	1 unit	41J
			Clear	8WD4220-5AE		1	1 unit	41J
			Blue	8WD4220-5AF		1	1 unit	41J
		115 AC	Red	8WD4240-5AB		1	1 unit	41J
			Green	8WD4240-5AC		1	1 unit	41J
			Yellow	8WD4240-5AD		1	1 unit	41J
			Clear	8WD4240-5AE		1	1 unit	41J
			Blue	8WD4240-5AF		1	1 unit	41J
		230 AC	Red	8WD4250-5AB		1	1 unit	41J
			Green	8WD4250-5AC		1	1 unit	41J
			Yellow	8WD4250-5AD		1	1 unit	41J
			Clear	8WD4250-5AE		1	1 unit	41J
			Blue	8WD4250-5AF		1	1 unit	41J
	Blinklight elements	24 AC/DC	Red	8WD4220-5BB		1	1 unit	41J
			Green	8WD4220-5BC		1	1 unit	41J
			Yellow	8WD4220-5BD		1	1 unit	41J
			Clear	8WD4220-5BE		1	1 unit	41J
			Blue	8WD4220-5BF		1	1 unit	41J
		115 AC	Red	8WD4240-5BB		1	1 unit	41J
			Green	8WD4240-5BC		1	1 unit	41J
			Yellow	8WD4240-5BD		1	1 unit	41J
			Clear	8WD4240-5BE		1	1 unit	41J
			Blue	8WD4240-5BF		1	1 unit	41J
		230 AC	Red	8WD4250-5BB		1	1 unit	41J
			Green	8WD4250-5BC		1	1 unit	41J
			Yellow	8WD4250-5BD		1	1 unit	41J
			Clear	8WD4250-5BE		1	1 unit	41J
			Blue	8WD4250-5BF		1	1 unit	41J
	Flashlight elements	24 DC	Red	8WD4220-0CB		1	1 unit	41J
			Green	8WD4220-0CC		1	1 unit	41J
			Yellow	8WD4220-0CD		1	1 unit	41J
			Clear	8WD4220-0CE		1	1 unit	41J
			Blue	8WD4220-0CF		1	1 unit	41J
Adapter elements for AS-Interface								
	AS-Interface adapter element With external auxiliary voltage	For 4 signaling elements 24 V DC	Black	8WD4228-0BB		1	1 unit	41J
8WD4228-0BB								

¹⁾ One acoustic element can be mounted per signaling column.
The cover is included in the scope of supply of the acoustic elements and fixed in place.

²⁾ The lamp is not included in the scope of supply. Please order separately, see page 13/178.

Commanding and signaling devices

SIRIUS 8WD4 signaling columns

8WD42 and 8WD44 signaling columns > 8WD42 signaling columns, 50 mm diameter

Version	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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Connection elements



8WD4208-0AA

Connection element with cover
For tube, base and angle mounting
Necessary for assembling the signaling column

Black

8WD4208-0AA

1

1 unit

41J

Accessories

Version	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
---------	-------	-------------	--------------	-------------------	-----	----

Mounting

Feet, single

- Plastic, for tube mounting, for tube lengths ≤ 400 mm

Black

8WD4308-0DB

1

1 unit

41J



8WD4308-0DB

- Metal, for tube mounting, for tube lengths > 400 mm

Black

8WD4308-0DC

1

1 unit

41J



8WD4308-0DC

- Plastic, for base mounting (without tube)

Black

8WD4208-0DE

1

1 unit

41J



8WD4208-0DE

Adjustable-angle foot

For positioning in 7.5° increments¹⁾

Plastic, for tube mounting (including rubber seal)

Black

8WD4408-0DF

1

1 unit

41J



8WD4408-0DF

Tubes, single

- Length 100 mm
- Length 150 mm
- Length 250 mm
- Length 400 mm
- Length 1 000 mm

Silver

8WD4208-0EF

1

1 unit

41J

Silver

8WD4308-0EE

1

1 unit

41J

Silver

8WD4308-0EA

1

1 unit

41J

Silver

8WD4308-0EB

1

1 unit

41J

Silver

8WD4308-0ED

1

1 unit

41J



8WD4208-0EF

Sockets for feet

- Side cable outlet (can also be used without feet)

Black

8WD4308-0DD

1

1 unit

41J



8WD4308-0DD

- Side cable outlet, with magnetic fixing²⁾

Black

8WD4308-0DE

1

1 unit

41J



8WD4308-0DE

Bracket for foot mounting

Black

8WD4408-0CC

1

1 unit

41J



8WD4408-0CC

Bracket for wall mounting

(plastic)
Mounting without feet and tube

Black

8WD4208-0CD

1

1 unit

41J



8WD4208-0CD

Adapter for single-hole mounting

Mounting without feet and tube, with M18 thread and fixing nut

Silver

8WD4208-0EH

1

1 unit

41J



8WD4208-0EH

¹⁾ Markings for 30°, 45°, 60° and 90°.

²⁾ For horizontal mounting, only one element is recommended.

Commanding and signaling devices

SIRIUS 8WD4 signaling columns

8WD42 and 8WD44 signaling columns > 8WD42 signaling columns, 50 mm diameter

Version		Rated voltage	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
		V						
Lamps								
	Incandescent lamps, 5 W	BA15d base	24 AC/DC	Clear	8WD4328-1XX	1	10 units	41J
			115 AC	Clear	8WD4348-1XX	1	10 units	41J
			230 AC	Clear	8WD4358-1XX	1	10 units	41J
	LEDs	BA15d base	24 AC/DC	Red	8WD4428-6XB	1	1 unit	41J
				Green	8WD4428-6XC	1	1 unit	41J
				Yellow	8WD4428-6XD	1	1 unit	41J
				Clear	8WD4428-6XE	1	1 unit	41J
				Blue	8WD4428-6XF	1	1 unit	41J
			115 AC	Red	8WD4448-6XB	1	1 unit	41J
				Green	8WD4448-6XC	1	1 unit	41J
				Yellow	8WD4448-6XD	1	1 unit	41J
				Clear	8WD4448-6XE	1	1 unit	41J
				Blue	8WD4448-6XF	1	1 unit	41J
			230 AC	Red	8WD4458-6XB	1	1 unit	41J
				Green	8WD4458-6XC	1	1 unit	41J
				Yellow	8WD4458-6XD	1	1 unit	41J
				Clear	8WD4458-6XE	1	1 unit	41J
				Blue	8WD4458-6XF	1	1 unit	41J
Inscription								
	Labeling panel	--	--	8WD4408-0FA	1	1 unit	41J	
With fixing accessories, for mounting on Ø 25 mm tube								
Inscription area/ step 50 mm x 140 mm								
Suitable for standard labels, e.g.								
• Zweckform 3425 • Herma 4457								
8WD4408-0FA								

Commanding and signaling devices

SIRIUS 8WD4 signaling columns

8WD42 and 8WD44 signaling columns > 8WD44 signaling columns, 70 mm diameter

Overview

Features:

- Thermoplast enclosure, 70 mm diameter
- Advanced design and significantly improved illumination
- Fast and flexible connection using spring-loaded terminals
- Degree of protection IP65
- Up to five elements can be mounted

Selection and ordering data

Version		Rated voltage	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
		V						
Acoustic elements ¹⁾								
	Buzzer elements 85 dB, pulsating or continuous tone, adjustable by means of a wire jumper	24 AC/DC	Black	8WD4420-0FA	1	1 unit	41J	
		115 AC	Black	8WD4440-0FA	1	1 unit	41J	
		230 AC	Black	8WD4450-0FA	1	1 unit	41J	
8WD44.0-0FA	Siren elements Multi-tone, 102 dB, 8 tones and volume can be set	24 AC/DC	Black	8WD4420-0EA2	1	1 unit	41J	
		115 AC	Black	8WD4440-0EA2	1	1 unit	41J	
		230 AC	Black	8WD4450-0EA2	1	1 unit	41J	
	Siren element 95 ... 105 dB, IP65, alternating continuous tone	24 DC	Black	8WD4420-0EA	1	1 unit	41J	
8WD44.0-0EA2, 8WD4420-0EA								
Light elements for incandescent lamp/LED, BA15d base ²⁾								
	Continuous light elements (without lamp)	12 ... 230 AC/DC	Red	8WD4400-1AB	1	1 unit	41J	
			Green	8WD4400-1AC	1	1 unit	41J	
			Yellow	8WD4400-1AD	1	1 unit	41J	
			Clear	8WD4400-1AE	1	1 unit	41J	
			Blue	8WD4400-1AF	1	1 unit	41J	
8WD4400-1AD								
Light elements with integrated flash lamp ³⁾								
	Flashlight elements with integrated electronic flash	24 DC	Red	8WD4420-0CB	1	1 unit	41J	
			Green	8WD4420-0CC	1	1 unit	41J	
			Yellow	8WD4420-0CD	1	1 unit	41J	
			Clear	8WD4420-0CE	1	1 unit	41J	
			Blue	8WD4420-0CF	1	1 unit	41J	
8WD4420-0CB		115 AC	Red	8WD4440-0CB	1	1 unit	41J	
			Green	8WD4440-0CC	1	1 unit	41J	
			Yellow	8WD4440-0CD	1	1 unit	41J	
			Clear	8WD4440-0CE	1	1 unit	41J	
			Blue	8WD4440-0CF	1	1 unit	41J	
		230 AC	Red	8WD4450-0CB	1	1 unit	41J	
			Green	8WD4450-0CC	1	1 unit	41J	
			Yellow	8WD4450-0CD	1	1 unit	41J	
			Clear	8WD4450-0CE	1	1 unit	41J	
			Blue	8WD4450-0CF	1	1 unit	41J	
8WD4440-0CC								
			Red	8WD4450-0CB	1	1 unit	41J	
			Green	8WD4450-0CC	1	1 unit	41J	
			Yellow	8WD4450-0CD	1	1 unit	41J	
			Clear	8WD4450-0CE	1	1 unit	41J	
			Blue	8WD4450-0CF	1	1 unit	41J	
8WD4450-0CF								

¹⁾ One acoustic element can be mounted per signaling column. The cover is included in the scope of supply of the acoustic elements and fixed in place.

²⁾ The lamp is not included in the scope of supply. Please order separately, see page 13/183.

³⁾ The lamp is included in the scope of supply.

Commanding and signaling devices

SIRIUS 8WD4 signaling columns

8WD42 and 8WD44 signaling columns > 8WD44 signaling columns, 70 mm diameter

Version		Rated voltage	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
		V						
Complete units, signaling columns								
 8WD4423-5AK05-0AF0	3 blocks Top: Continuous light, blue Center: Continuous light, green, with integrated LED Bottom: Flashlight element, clear, integrated electronic flashlight Connection element for tube mounting, tube, 250 mm, foot, plastic	24 DC	Blue, green, clear	8WD4423-5AK05-0AF0		1	1 unit	41J
	3 blocks Top: Continuous light, yellow Center: Continuous light, blue Bottom: Continuous light, green, with integrated LED Connection element for tube mounting, tube, 250 mm, foot, plastic	24 AC/DC	Yellow, blue, green	8WD4423-5AK05-0AE0		1	1 unit	41J
	Connection element for tube mounting, tube, 250 mm, foot, plastic	--	--	8WD4421-0GA05-0AG0		1	1 unit	41J
 8WD4421-0GA05-0AG0								

Commanding and signaling devices

SIRIUS 8WD4 signaling columns

8WD42 and 8WD44 signaling columns > 8WD44 signaling columns, 70 mm diameter

Version		Rated voltage	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
			V					
Light elements with integrated LED								
	Continuous light elements	24 AC/DC	Red	8WD4420-5AB	1	1 unit	41J	
8WD4420-5AB			Green	8WD4420-5AC	1	1 unit	41J	
			Yellow	8WD4420-5AD	1	1 unit	41J	
			Clear	8WD4420-5AE	1	1 unit	41J	
			Blue	8WD4420-5AF	1	1 unit	41J	
	115 AC	Red	8WD4440-5AB	1	1 unit	41J		
8WD4440-5AC			Green	8WD4440-5AC	1	1 unit	41J	
			Yellow	8WD4440-5AD	1	1 unit	41J	
			Clear	8WD4440-5AE	1	1 unit	41J	
			Blue	8WD4440-5AF	1	1 unit	41J	
	230 AC	Red	8WD4450-5AB	1	1 unit	41J		
8WD4450-5AD			Green	8WD4450-5AC	1	1 unit	41J	
			Yellow	8WD4450-5AD	1	1 unit	41J	
			Clear	8WD4450-5AE	1	1 unit	41J	
			Blue	8WD4450-5AF	1	1 unit	41J	
	Blinklight elements	24 AC/DC	Red	8WD4420-5BB	1	1 unit	41J	
8WD4420-5BF			Green	8WD4420-5BC	1	1 unit	41J	
			Yellow	8WD4420-5BD	1	1 unit	41J	
			Clear	8WD4420-5BE	1	1 unit	41J	
			Blue	8WD4420-5BF	1	1 unit	41J	
	115 AC	Red	8WD4440-5BB	1	1 unit	41J		
8WD4440-5BE			Green	8WD4440-5BC	1	1 unit	41J	
			Yellow	8WD4440-5BD	1	1 unit	41J	
			Clear	8WD4440-5BE	1	1 unit	41J	
			Blue	8WD4440-5BF	1	1 unit	41J	
	230 AC	Red	8WD4450-5BB	1	1 unit	41J		
8WD4450-5BB			Green	8WD4450-5BC	1	1 unit	41J	
			Yellow	8WD4450-5BD	1	1 unit	41J	
			Clear	8WD4450-5BE	1	1 unit	41J	
			Blue	8WD4450-5BF	1	1 unit	41J	
	Rotating light elements	24 AC/DC	Red	8WD4420-5DB	1	1 unit	41J	
8WD4420-5DD			Green	8WD4420-5DC	1	1 unit	41J	
			Yellow	8WD4420-5DD	1	1 unit	41J	
			Clear	8WD4420-5DE	1	1 unit	41J	
			Blue	8WD4420-5DF	1	1 unit	41J	
Adapter elements for AS-Interface and IO-Link								
		24 V DC						
	AS-Interface adapter elements							
8WD4428-0BD		With/without external auxiliary voltage, switchable						
		• A/B technology	For 3 signaling elements	Black	8WD4428-0BD	1	1 unit	41J
	• Standard AS-i	For 4 signaling elements	Black	8WD4428-0BE	1	1 unit	41J	
	IO-Link adapter element	For 5 signaling elements	Black	8WD4428-0BF	1	1 unit	41J	
8WD4428-0BF								

Version	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	
Connection elements ¹⁾							
 8WD4408-0AA	Connection elements with cover		Screw terminals				
	• For tube mounting	Black	8WD4408-0AA		1	1 unit	41J
	• For angle, base and floor mounting	Black	8WD4408-0AB		1	1 unit	41J
			Spring-loaded terminals				
	• For tube mounting	Black	8WD4408-0AD		1	1 unit	41J
	• For angle, base and floor mounting	Black	8WD4408-0AE		1	1 unit	41J
	Cover (replacement)	Black	8WD4408-0XA		1	1 unit	41J

¹⁾ The connection element with cover is an essential part for assembling the signaling columns.

Commanding and signaling devices

SIRIUS 8WD4 signaling columns

8WD42 and 8WD44 signaling columns > 8WD44 signaling columns, 70 mm diameter

Accessories

Version		Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Mounting							
	Feet with tube	Black	8WD4308-0DA		1	1 unit	41J
	Tube length 100 mm						
	Feet, single	Black	8WD4308-0DB		1	1 unit	41J
	• Plastic, for tube mounting, for tube lengths ≤ 400 mm						
	• Metal, for tube mounting, for tube lengths > 400 mm	Black	8WD4308-0DC		1	1 unit	41J
	Adjustable-angle foot	Black	8WD4408-0DF		1	1 unit	41J
	For positioning in 7.5° increments ¹⁾ Plastic, for tube mounting (including rubber seal)						
	Tubes, single						
	• Length 100 mm	Silver	8WD4208-0EF		1	1 unit	41J
	• Length 150 mm	Silver	8WD4308-0EE		1	1 unit	41J
	• Length 250 mm	Silver	8WD4308-0EA		1	1 unit	41J
	• Length 400 mm	Silver	8WD4308-0EB		1	1 unit	41J
	• Length 1 000 mm	Silver	8WD4308-0ED		1	1 unit	41J
	Sockets for feet	Black	8WD4308-0DD		1	1 unit	41J
	• Side cable outlet (can also be used without feet)						
	• Side cable outlet, with magnetic fixing ²⁾	Black	8WD4308-0DE		1	1 unit	41J
	Brackets for wall mounting	Black	8WD4308-0CA		1	1 unit	41J
	(mounting without feet and tube)						
	• For single-sided mounting	Black	8WD4308-0CA		1	1 unit	41J
	• For double-sided mounting	Black	8WD4308-0CB		1	1 unit	41J
	Bracket for foot mounting	Black	8WD4408-0CC		1	1 unit	41J
	Bracket for base mounting	Black	8WD4408-0CD		1	1 unit	41J
	Mounting without feet and tube						
Adapter for tube mounting according to NPT		Black	8WD4308-0DF		1	1 unit	41J
Mounting on tube, Ø 25 mm, with NPT 1/2" thread							

¹⁾ Markings for 30°, 45°, 60° and 90°.

²⁾ For horizontal mounting, only one element is recommended.

Commanding and signaling devices

SIRIUS 8WD4 signaling columns

8WD42 and 8WD44 signaling columns > 8WD44 signaling columns, 70 mm diameter

Version		Rated voltage	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
		V						
Lamps								
	Incandescent lamps, 5 W BA15d base	24 AC/DC	Clear	8WD4328-1XX		1	10 units	41J
		115 AC	Clear	8WD4348-1XX		1	10 units	41J
		230 AC	Clear	8WD4358-1XX		1	10 units	41J
	LEDs BA15d base	24 AC/DC	Red	8WD4428-6XB		1	1 unit	41J
			Green	8WD4428-6XC		1	1 unit	41J
			Yellow	8WD4428-6XD		1	1 unit	41J
			Clear	8WD4428-6XE		1	1 unit	41J
			Blue	8WD4428-6XF		1	1 unit	41J
		115 AC	Red	8WD4448-6XB		1	1 unit	41J
			Green	8WD4448-6XC		1	1 unit	41J
			Yellow	8WD4448-6XD		1	1 unit	41J
			Clear	8WD4448-6XE		1	1 unit	41J
			Blue	8WD4448-6XF		1	1 unit	41J
		230 AC	Red	8WD4458-6XB		1	1 unit	41J
			Green	8WD4458-6XC		1	1 unit	41J
			Yellow	8WD4458-6XD		1	1 unit	41J
			Clear	8WD4458-6XE		1	1 unit	41J
			Blue	8WD4458-6XF		1	1 unit	41J
Inscription								
	Labeling panel	--	--	8WD4408-0FA		1	1 unit	41J
	With fixing accessories, for mounting on Ø 25 mm tube Inscription area/ step 50 mm x 140 mm Suitable for standard labels, e.g. • Zweckform 3425 • Herma 4457							

Commanding and signaling devices

SIRIUS 8WD5 integrated signal lamps

8WD53 integrated signal lamps, 70 mm diameter

Overview



8WD53 integrated signal lamps

More information

Homepage, see www.siemens.com/sirius-command

SiePortal, see www.siemens.com/product?8WD5

Configuration Manual, see <https://support.industry.siemens.com/cs/ww/en/view/107194954>

Design

Features:

- Thermoplast enclosure, 70 mm diameter
- Degree of protection IP65
- Rated voltage 24 V, 115 V, 230 V AC/DC
- Ambient temperature -20 to +50 °C, incandescent lamp up to 60 °C

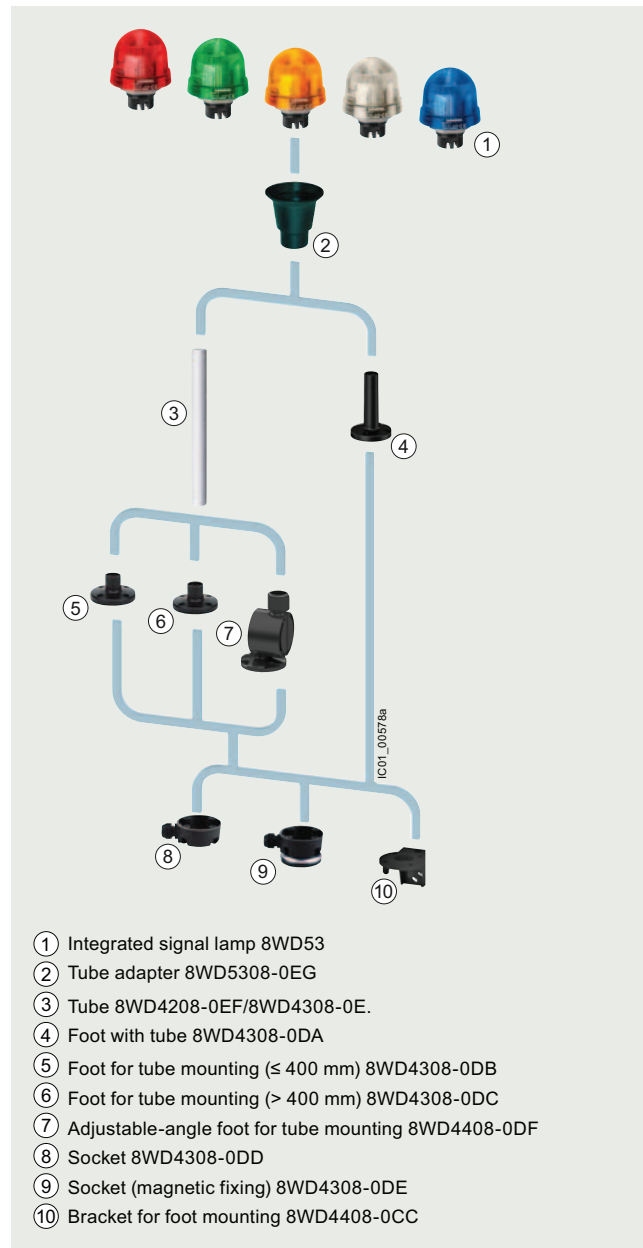
The special shape of the integrated signal lamps means that the light is emitted optimally in every direction (to the sides and upwards). Continuous lights (with incandescent lamp or LED) and flashlights are available in five colors. As well as the continuous-light version, a blinklight or rotating light version is also available.

The LED versions of the integrated signal lamps offer a considerably longer service life than the incandescent lamp versions.

They have the high degree of protection IP65 and are made of a material highly resistant to impact.

Mounting

8WD53 integrated signal lamps can be mounted at any point of the machine for the purpose of giving visual signals. They are mounted by means of a PG-29 screw base with nut.



8WD53 integrated signal lamps with five elements

Application

SIRIUS 8WD53 integrated signal lamps can be used as visual signaling devices in harsh ambient conditions and in outdoor installations.

Visual signaling devices for indicating operating conditions can be used for the following applications:

- Manufacturing plants
- Injection molding machines
- Conveyors
- Assembly systems for electronic components

Commanding and signaling devices

SIRIUS 8WD5 integrated signal lamps

8WD53 integrated signal lamps, 70 mm diameter

Technical specifications

Type	8WD53	
General data		
Approvals	UL, CSA, UKCA	
Light elements		
Rated voltage, power consumption		(AC values at 50 Hz)
• Continuous light, BA15d (incandescent lamp)	V AC/DC/W	24, 115, 230/5
• Continuous light, BA15d (LED)	V AC/DC	12 ... 230
• Flashlight	V DC/mA	24/125
	AC/mA	115/22
	AC/mA	230/35
• Light elements with integrated LED	V AC/DC/mA	24/45
LED lights		
• Blinklight	Hz	Blink frequency approx. 1
• Rotating light	r/min	Rotational frequency approx. 120
Inrush current		
• LED light	A	< 0.5
• Flashlight	A	< 0.5
Enclosures		
Enclosure material		PC/ABS shield, impact-resistant, black
Spherical cap		Thermoplast (polycarbonate) impact-resistant up to 20 J
Mounting		Drill hole Ø 37 mm (PG 29)
Cable connection		Radial or axial
Degree of protection		IP65
Ambient temperature		
• Continuous light (incandescent lamp)	°C	-20 ... +60
• Flashlight, LED light	°C	-20 ... +50

Commanding and signaling devices

SIRIUS 8WD5 integrated signal lamps

8WD53 integrated signal lamps, 70 mm diameter

Selection and ordering data

Version	Rated voltage	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
V							
Light elements for incandescent lamp/LED, BA15d base ¹⁾							
	Continuous lights (without lamp)	12 ... 230 AC/DC	Red	8WD5300-1AB	1	1 unit	41J
			Green	8WD5300-1AC	1	1 unit	41J
			Yellow	8WD5300-1AD	1	1 unit	41J
			Clear	8WD5300-1AE	1	1 unit	41J
			Blue	8WD5300-1AF	1	1 unit	41J
8WD5300-1AB							
Light elements with integrated flash lamp							
	Flashlights with integrated electronic flash	24 DC	Red	8WD5320-0CB	1	1 unit	41J
			Green	8WD5320-0CC	1	1 unit	41J
			Yellow	8WD5320-0CD	1	1 unit	41J
			Clear	8WD5320-0CE	1	1 unit	41J
			Blue	8WD5320-0CF	1	1 unit	41J
		115 AC	Red	8WD5340-0CB	1	1 unit	41J
			Green	8WD5340-0CC	1	1 unit	41J
			Yellow	8WD5340-0CD	1	1 unit	41J
			Clear	8WD5340-0CE	1	1 unit	41J
			Blue	8WD5340-0CF	1	1 unit	41J
		230 AC	Red	8WD5350-0CB	1	1 unit	41J
			Green	8WD5350-0CC	1	1 unit	41J
			Yellow	8WD5350-0CD	1	1 unit	41J
			Clear	8WD5350-0CE	1	1 unit	41J
			Blue	8WD5350-0CF	1	1 unit	41J
8WD5350-0CD							
Light elements with integrated LED							
	Continuous lights	24 AC/DC	Red	8WD5320-5AB	1	1 unit	41J
			Green	8WD5320-5AC	1	1 unit	41J
			Yellow	8WD5320-5AD	1	1 unit	41J
			Clear	8WD5320-5AE	1	1 unit	41J
			Blue	8WD5320-5AF	1	1 unit	41J
	Blinklights	24 AC/DC	Red	8WD5320-5BB	1	1 unit	41J
			Green	8WD5320-5BC	1	1 unit	41J
			Yellow	8WD5320-5BD	1	1 unit	41J
			Clear	8WD5320-5BE	1	1 unit	41J
			Blue	8WD5320-5BF	1	1 unit	41J
	Rotating lights	24 AC/DC	Red	8WD5320-5DB	1	1 unit	41J
			Green	8WD5320-5DC	1	1 unit	41J
			Yellow	8WD5320-5DD	1	1 unit	41J
			Clear	8WD5320-5DE	1	1 unit	41J
			Blue	8WD5320-5DF	1	1 unit	41J
8WD5320-5DF							

¹⁾ The lamp is not included in the scope of supply. Please order separately, see page 13/187.

Commanding and signaling devices

SIRIUS 8WD5 integrated signal lamps

8WD53 integrated signal lamps, 70 mm diameter

Accessories

Version	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Essential accessory for mounting on tubes						
 8WD5308-0EG	Tube adapter This accessory is an essential prerequisite for use of the mounting accessories listed below.	Black	8WD5308-0EG	1	1 unit	41J
Mounting (optional)						
 8WD4308-0DA	Foot with tube Tube length 100 mm	Black	8WD4308-0DA	1	1 unit	41J
 8WD4308-0DC	Feet, single • Plastic, for tube mounting, for tube lengths ≤ 400 mm	Black	8WD4308-0DB	1	1 unit	41J
	• Metal, for tube mounting, for tube lengths > 400 mm	Black	8WD4308-0DC	1	1 unit	41J
 8WD4408-0DF	Adjustable-angle foot For positioning in 7.5° increments ¹⁾ Plastic, for tube mounting (including rubber seal)	Black	8WD4408-0DF	1	1 unit	41J
 8WD4208-0EF	Tubes, single • Length 100 mm	Silver	8WD4208-0EF	1	1 unit	41J
	• Length 150 mm	Silver	8WD4308-0EE	1	1 unit	41J
	• Length 250 mm	Silver	8WD4308-0EA	1	1 unit	41J
	• Length 400 mm	Silver	8WD4308-0EB	1	1 unit	41J
	• Length 1 000 mm	Silver	8WD4308-0ED	1	1 unit	41J
 8WD4308-0DD	Sockets for feet • Side cable outlet (can also be used without feet)	Black	8WD4308-0DD	1	1 unit	41J
	• Side cable outlet, with magnetic fixing ²⁾	Black	8WD4308-0DE	1	1 unit	41J
 8WD4308-0DE						
 8WD4408-0CC	Bracket for foot mounting	Black	8WD4408-0CC	1	1 unit	41J

¹⁾ Markings for 30°, 45°, 60° and 90°.

²⁾ For horizontal mounting, only one element is recommended.

Version		Rated voltage	Color	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
V								
Lamps								
 8WD4328-1XX	Incandescent lamps, 5 W							
	BA15d base	24 AC/DC	Clear	8WD4328-1XX		1	10 units	41J
		115 AC	Clear	8WD4348-1XX		1	10 units	41J
		230 AC	Clear	8WD4358-1XX		1	10 units	41J
 8WD4428-6XE	LEDs							
	BA15d base	24 AC/DC	Red	8WD4428-6XB		1	1 unit	41J
			Green	8WD4428-6XC		1	1 unit	41J
			Yellow	8WD4428-6XD		1	1 unit	41J
			Clear	8WD4428-6XE		1	1 unit	41J
			Blue	8WD4428-6XF		1	1 unit	41J
		115 AC	Red	8WD4448-6XB		1	1 unit	41J
			Green	8WD4448-6XC		1	1 unit	41J
			Yellow	8WD4448-6XD		1	1 unit	41J
			Clear	8WD4448-6XE		1	1 unit	41J
			Blue	8WD4448-6XF		1	1 unit	41J
		230 AC	Red	8WD4458-6XB		1	1 unit	41J
			Green	8WD4458-6XC		1	1 unit	41J
			Yellow	8WD4458-6XD		1	1 unit	41J
			Clear	8WD4458-6XE		1	1 unit	41J
		Blue	8WD4458-6XF		1	1 unit	41J	

* You can order this quantity or a multiple thereof.
Illustrations are approximate

Commanding and signaling devices

Notes