

# Industrial Controls

SIRIUS



## Catalog IC 10 A · 03/2018

The Catalog Abridged IC 10 A · 03/2018 is an extract from Catalog IC 10 · 2018 with updated contents. This extract supersedes the corresponding catalog contents of Catalog IC 10 · 2018.

Refer to the Industry Mall for current updates of this catalog:

[www.siemens.com/industrymall](http://www.siemens.com/industrymall)

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## Industrial Controls

### Ordering notes

#### Things you should know about Catalog Abridged IC 10 A

Catalog Abridged IC 10 contains all selection and order-relevant data.

#### Ordering notes

##### Ordering special versions

When ordering products that differ from the versions listed in the catalog, the article number specified in the catalog must be supplemented with "-Z"; the required features must be specified by means of the alphanumeric order codes or in plain text.

##### Small orders

When small orders are placed, the costs associated with order processing are greater than the order value. We recommend therefore that you combine several small orders. Where this is not possible, we unfortunately have to charge a processing supplement of € 20.– to cover our costs for order processing and invoicing for all orders with a net goods value of less than € 250.–.

#### Standard delivery time (SD)

SD in days (d)

► Preferred type

X On request

Preferred types are available immediately from stock, i.e. are dispatched within 24 hours.

Normal quantities of the products are usually delivered within the specified time following receipt of your order at our branch.

In exceptional cases, the actual delivery time may differ from that specified.

The delivery times apply up to the ramp at Siemens AG (products ready for dispatch). The transport times depend on the destination and type of shipping. The standard transport time for Germany is one day.

The delivery times specified here represent the situation in March 2018. They are continuously optimized. For more up-to-the-minute information, please visit [www.siemens.com/sirius/mall](http://www.siemens.com/sirius/mall).

#### Price units (PU)

The price unit defines the number of units, sets or meters to which the specified price applies.

#### Packaging sizes (PS)

The packaging size defines the number, e.g. of units, sets or meters, contained in an outer packaging.

Only the quantity defined by the packaging size or a multiple thereof can be ordered.

For multi-unit packing and reusable packaging, see [page 16/5](#).

#### Price groups (PG)

Each product is assigned to a price group.

#### Example

##### 3RA2110-0FA15-1AP0

SD: 2 working days

PG: 41D

Order quantity 1 unit or a multiple thereof

##### 3RV1901-0H

SD: Preferred type

PG: 41E

Order quantity 10 units or a multiple thereof

##### 3SU1900-0AB71-0AB0

SD: 5 working days

PG: 41J

Order quantity 10 units or a multiple thereof

SD	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
d					
2	<b>3RA2110-0FA15-1AP0</b>		1	1 unit	41D
►	<b>3RV1901-0H</b>		1	10 units	41E
5	<b>3SU1900-0AB71-0AB0</b>		100	10 units	41J

#### Dimensions

All dimensions in mm.

## Commanding and Signaling Devices

**NEW**

Click on the Article No. in the catalog PDF to access it in the Industry Mall and get all related information.



Or directly in the Internet, e.g.  
[www.siemens.com/product?3RA1943-2C](http://www.siemens.com/product?3RA1943-2C)

	<b>Price groups</b> PG 41J, 41K, 42C		<b>Enclosures</b>
13/2	<b>Introduction</b>	13/100	General data
13/5	<b>SIRIUS ACT pushbuttons and indicator lights</b>	13/101	Empty enclosures
	General data	13/102	Pushbuttons and indicator lights in the enclosure <b>NEW</b>
	<u>Actuators and indicators, 22 mm, round, plastic, black</u>	13/106	Pushbuttons and indicator lights in the enclosure for AS-Interface <b>NEW</b>
13/20	<b>Complete units</b> <b>NEW</b>	13/109	Modules for enclosures
13/27	<b>Compact units</b> <b>NEW</b>	13/113	Two-hand operation consoles
13/30	<b>Actuating and signaling elements</b> <b>NEW</b>		<b>Accessories</b>
	<u>Actuators and indicators, 22 mm, plastic with metal front ring, matte</u>		Labels
13/42	<b>Complete units</b> <b>NEW</b>	13/114	- Insert labels
13/48	<b>Compact units</b> <b>NEW</b>	13/117	- Label holders for labeling plates <b>NEW</b>
13/51	<b>Actuating and signaling elements</b> <b>NEW</b>	13/119	- Labeling plates
	<u>Actuators and indicators, 22 mm, metal, shiny</u>	13/126	- Labeling plates for enclosures
13/63	<b>Complete units</b> <b>NEW</b>	13/130	- Labels for laser printers
13/69	<b>Compact units</b> <b>NEW</b>	13/131	- Other labels <b>NEW</b>
13/72	<b>Actuating and signaling elements</b> <b>NEW</b>	13/133	<b>Protection/access protection</b> <b>NEW</b>
	<u>Actuators and indicators, flat, 30 mm, metal, matte</u>	13/137	Actuators
13/83	Actuating and signaling elements	13/140	Enclosures
	<u>Actuators and indicators, customized designs</u>	13/142	Miscellaneous accessories
13/86	Special locks		<b>SIRIUS 3SB2 pushbuttons and indicator lights, 16 mm</b>
13/87	Laser inscriptions	13/144	General data
	<b>Holders</b>	13/147	Complete units
13/88	Holders without module	13/149	Actuating and signaling elements
13/89	Holders with module	13/151	Contact blocks and lampholders
	<u>Modules for actuators and indicators</u>		<b>Accessories and spare parts</b>
13/90	<b>Contact modules</b> <b>NEW</b>	13/153	Insert labels and insert caps
13/94	LED modules	13/157	Backing plates
13/96	AS-Interface modules	13/158	Mounting parts and components
13/97	Electronic modules for IO-Link		<b>SIRIUS 3SE7 cable-operated switches</b>
13/97	Support terminals	13/160	3SE7 metal enclosures
13/98	Electronic modules for ID key-operated switches		<b>SIRIUS 3SE2, 3SE3 foot switches</b>
13/99	Interface modules for PROFINET	13/164	Plastic and metal enclosures
13/99	Terminal modules		<b>SIRIUS 8WD4 signaling columns</b>
		13/166	General data
		13/169	8WD42 signaling columns, 50 mm diameter
		13/171	8WD44 signaling columns, 70 mm diameter
			<b>SIRIUS 8WD5 integrated signal lamps</b>
		13/175	8WD53 integrated signal lamps, 70 mm diameter

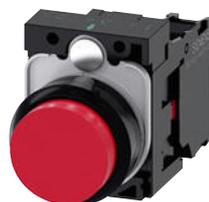
**Note:**

Conversion tool,  
 e.g. from 3SB3 to 3SU1, see  
[www.siemens.com/sirius/conversion-tool](http://www.siemens.com/sirius/conversion-tool)

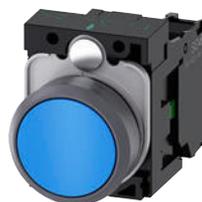
# Commanding and Signaling Devices

## Introduction

### Overview



3SU1.0



3SU1.3

#### Pushbuttons and indicator lights

##### Designs

Nominal diameter

22 mm

Version

Plastic

22 mm

Plastic

with metal front ring, matte

	Complete units	Compact units	Actuating/ signaling elements	Complete units	Compact units	Actuating/ signaling elements
<b>Actuators</b>						
Pushbuttons	✓ see p. 13/20	--	✓ see p. 13/30	✓ see p. 13/42	--	✓ see p. 13/51
Illuminated pushbuttons	✓ see p. 13/20	--	✓ see p. 13/31	✓ see p. 13/42	--	✓ see p. 13/52
Mushroom pushbuttons	✓ see p. 13/22	--	✓ see p. 13/31	✓ see p. 13/44	--	✓ see p. 13/54
EMERGENCY STOP mushroom pushbuttons	✓ see p. 13/22	--	✓ see p. 13/34	✓ see p. 13/44	--	✓ see p. 13/55
Selector switches	✓ see p. 13/23	--	✓ see p. 13/36	✓ see p. 13/45	--	✓ see p. 13/57
Key-operated switches	✓ see p. 13/24	--	✓ see p. 13/38	✓ see p. 13/46	--	✓ see p. 13/59
ID key-operated switches	--	--	✓ see p. 13/40	--	--	✓ see p. 13/61
Twin pushbuttons	--	--	✓ see p. 13/32	--	--	✓ see p. 13/53
Toggle switches	--	--	✓ see p. 13/35	--	--	✓ see p. 13/56
Coordinate switches	✓ see p. 13/25	--	✓ see p. 13/41	✓ see p. 13/46	--	✓ see p. 13/62
Sensor switches	--	✓ see p. 13/28	--	--	✓ see p. 13/49	--
Potentiometers	--	✓ see p. 13/29	--	--	✓ see p. 13/50	--
Pushbuttons with extended stroke	--	✓ see p. 13/29	--	--	✓ see p. 13/50	--
<b>Indicators</b>						
Indicator lights	✓ see p. 13/26	--	✓ see p. 13/41	✓ see p. 13/47	--	✓ see p. 13/62
Indicator lights in illuminated pushbutton design	--	--	✓ see p. 13/41	--	--	✓ see p. 13/62
Indicator lights with "traffic light" LED	--	✓ see p. 13/27	--	--	✓ see p. 13/48	--
Acoustic signaling devices	--	✓ see p. 13/28	--	--	✓ see p. 13/49	--
<b>Contact modules</b>						
Single-pole	✓ see p. 13/90	--	--	--	--	--
<b>LED modules</b>						
Module with integrated LED	✓ see p. 13/94, 13/95, 13/110, 13/111	--	--	--	--	--
<b>Connections</b>						
Screw terminals	✓	✓	✓	✓	✓	✓
Spring-type terminals	✓	--	✓	✓	--	✓
Solder pins	--	--	✓	--	--	✓
AS-Interface	✓	--	✓	✓	--	✓
IO-Link	--	--	✓	--	--	✓

✓ 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	
Actuators							
Pushbuttons	✓ see p. 13/63	--	✓ see p. 13/72	--	--	✓ see p. 13/83	✓ see p. 13/149
Illuminated pushbuttons	✓ see p. 13/63	--	✓ see p. 13/73	--	--	✓ see p. 13/83	✓ see p. 13/149
Mushroom pushbuttons	✓ see p. 13/65	--	✓ see p. 13/75	--	--	--	--
EMERGENCY STOP mushroom pushbuttons	✓ see p. 13/65	--	✓ see p. 13/76	--	--	--	✓ see p. 13/149
Selector switches	✓ see p. 13/66	--	✓ see p. 13/78	--	--	✓ see p. 13/84	✓ see p. 13/149
Key-operated switches	✓ see p. 13/67	--	✓ see p. 13/80	--	--	✓ see p. 13/85	✓ see p. 13/150
Twin pushbuttons	--	--	✓ see p. 13/74	--	--	--	--
Toggle switches	--	--	✓ see p. 13/78	--	--	--	--
Coordinate switches	✓ see p. 13/67	--	✓ see p. 13/82	--	--	--	--
Potentiometers	--	✓ see p. 13/70	--	--	--	--	--
Pushbuttons with extended stroke	--	✓ see p. 13/71	--	--	--	--	--
Indicators							
Indicator lights	✓ see p. 13/68	--	✓ see p. 13/82	--	--	✓ see p. 13/85	✓ see p. 13/148
Indicator lights with "traffic light" LED	--	✓ see p. 13/69	--	--	--	--	--
Acoustic signaling devices	--	✓ see p. 13/70	--	--	--	--	--
Contact modules							
Single-pole	✓ see p. 13/90, 13/109						--
LED modules							
Wedge bases	--	--	--	--	--	--	✓ see p. 13/158
Module with integrated LED	✓ see p. 13/94, 13/95, 13/110, 13/111						
Connections							
Plug-in connection	--	--	--	--	--	--	✓
Screw terminals	✓	✓	✓	✓	✓	✓	--
Spring-type terminals	✓	✓	✓	✓	✓	✓	--
Solder pins	✓	✓	✓	✓	✓	✓	✓
AS-Interface	✓	✓	✓	✓	✓	✓	✓
IO-Link	✓	✓	✓	✓	✓	✓	✓

✓ Available

-- Not available

**Note:**Safety characteristics, [see page 16/6](#).**AS-Interface solutions**

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

For AS-Interface solutions, [see Catalog IK PI "Industrial Communication SIMATIC NET"](#).

**AS-Interface EMERGENCY STOP according to ISO 13850**

Using special modules, EMERGENCY STOP devices according to ISO 13850 can be directly connected through the standard AS-Interface with safety-related communication ([see page 13/96](#)).

**AS-Interface enclosures**

Enclosures with standard fittings are listed in this catalog. For customized enclosures, use the SIRIUS ACT Configurator to select the elements for equipping ([see page 13/106](#)).

# Commanding and Signaling Devices

## Introduction



	3SU18	3SU18	3SE7, 3SF2	3SE29, 3SE39
	Enclosures	Two-hand operation consoles	Cable-operated switches	Foot switches
<b>Enclosures</b>				
Plastic	✓	✓	--	✓
Metal	✓	✓	✓	✓
<b>Actuators</b>				
Pushbuttons	✓	--	✓	✓
Illuminated pushbuttons	--	--	--	--
Mushroom pushbuttons	✓	✓	--	--
EMERGENCY STOP mushroom pushbuttons	✓	✓	✓	--
Selector switches	✓	--	--	--
Key-operated switches	✓	--	--	--
Bowden wires	--	--	✓	--
<b>Indicators</b>				
Indicator lights	✓	--	✓	--
Acoustic signaling devices	✓	--	--	--
<b>Contact modules</b>				
Single-pole	✓	✓	--	--
Two-pole	--	✓	✓	✓
Three-pole	--	--	✓	✓
Four-pole	--	--	✓	✓
<b>Connections</b>				
Screw terminals	✓	✓	✓	✓
Pages	see p. 13/101	see p. 13/113	see p. 13/160	see p. 13/164

✓ Available -- Not available



	8WD42, 8WD44	8WD53
	Signaling columns	Integrated signal lamps
<b>Enclosures</b>		
Plastic	✓	✓
<b>Illumination</b>		
Incandescent lamps	✓	✓
LEDs	✓	✓
Flashlights	✓	✓
<b>Connections</b>		
Screw terminals	✓	✓
Spring-type terminals	✓	--
AS-Interface	✓	--
Pages	see p. 13/166	see p. 13/175

✓ Available -- Not available

## 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, pushbuttons and indicator lights can be connected directly via PROFINET to the controller and HMI devices – including with safety functions. Engineering and commissioning are simplified no end by the TIA Portal.

Extensive portfolio

- Customized variants, e.g. special tumbler arrangements, labeling, equipped enclosures
- Communication-enabled thanks to direct interfacing to AS-Interface, IO-Link or PROFINET

Diverse possible applications

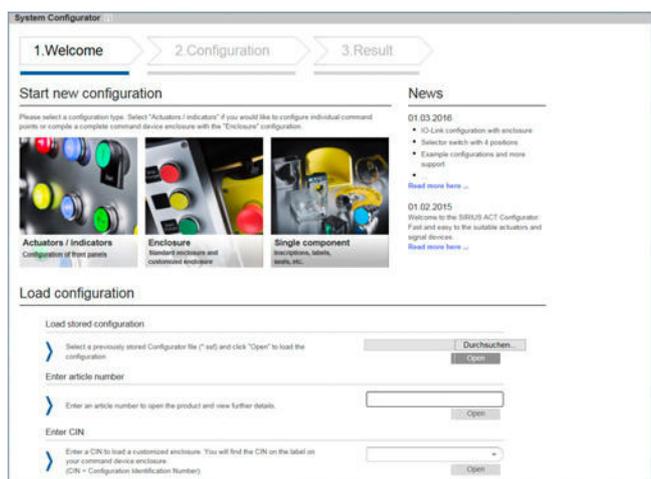
- National and international approvals
- Many trade approvals
- Short delivery times thanks to global availability

Standards

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

**More information**

Homepage, see [www.siemens.com/sirius-act](http://www.siemens.com/sirius-act)  
 Industry Mall, see [www.siemens.com/product?3SU1](http://www.siemens.com/product?3SU1)  
 Configurator, see [www.siemens.com/sirius-act/configurator](http://www.siemens.com/sirius-act/configurator)  
 Conversion tool, see [www.siemens.com/sirius/conversion-tool](http://www.siemens.com/sirius/conversion-tool)  
 Manual, see <https://support.industry.siemens.com/cs/ww/en/view/107542462>  
 TIA Portal, see [www.siemens.com/TIA](http://www.siemens.com/TIA)

**Configurator**

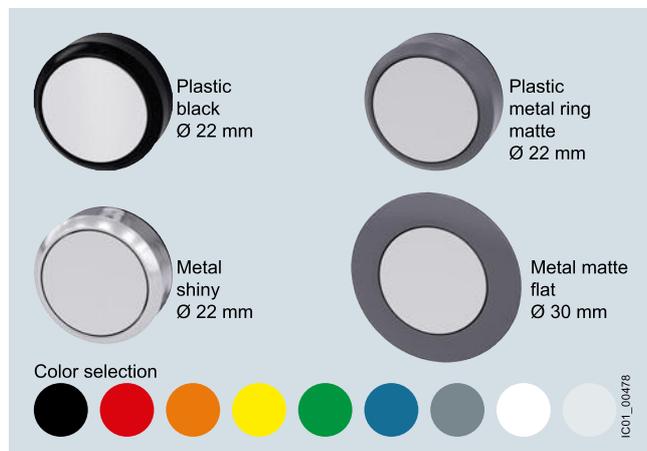
- Fast, simple selection by intuitive navigation through clearly-organized menus using drag & drop
- Image preview of selected components
- Inscription of pushbuttons and labeling plates using the interactive inscription tool
- Once created, a configuration can be ordered as often as required using the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

# SIRIUS ACT Pushbuttons and Indicator Lights

## General data

### Benefits

#### Design



SIRIUS ACT is available in four design lines.

#### 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)

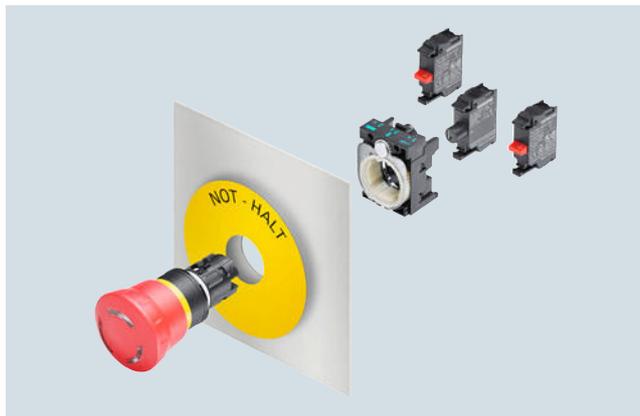
- Service life of 100 000 hours thanks to use of LEDs
- Media resistance (chemicals) thanks to solid stainless steel and high-grade plastics
- Mechanical endurance of  $10 \times 10^6$  switching cycles
- Suitable for use in extreme environments
- Reliable, friction-locked fixing with just one screw
- 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
- Can be integrated easily via the TIA Portal

#### Easy handling

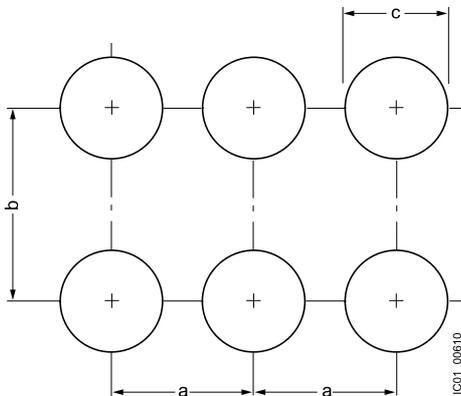


- Self-holding function of the actuator when mounting
- Twist prevention integrated into patented holder design
- Stackable contact modules
- Self-explanatory and fast installation using one hand
- Components can be mounted with holder removed
- No special tools required, simple size 2 screwdriver (cross-tip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

# SIRIUS ACT Pushbuttons and Indicator Lights

## General data

### Mounting dimensions



	Minimum clearance		
	a	b	c
	mm	mm	mm
<b>22 mm plastic, plastic with metal front ring, metal for front plate thickness 1 ... 6 mm</b>			
3-slot holder	30	40	22.3 <sup>+0.4</sup>
4-slot holder	40	40	22.3 <sup>+0.4</sup>
<b>30 mm metal, matte for front plate thickness 1 ... 4 mm</b>			
3-slot holder	40	45	30.5 <sup>+0.5</sup>

### Versions

SIRIUS ACT is a modular system of pushbuttons and indicator lights with which customized variants 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 onto the holder), single-pole contacts can be stacked
- A comprehensive range of accessories for inscription/markung

### 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, sensor switches, 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.

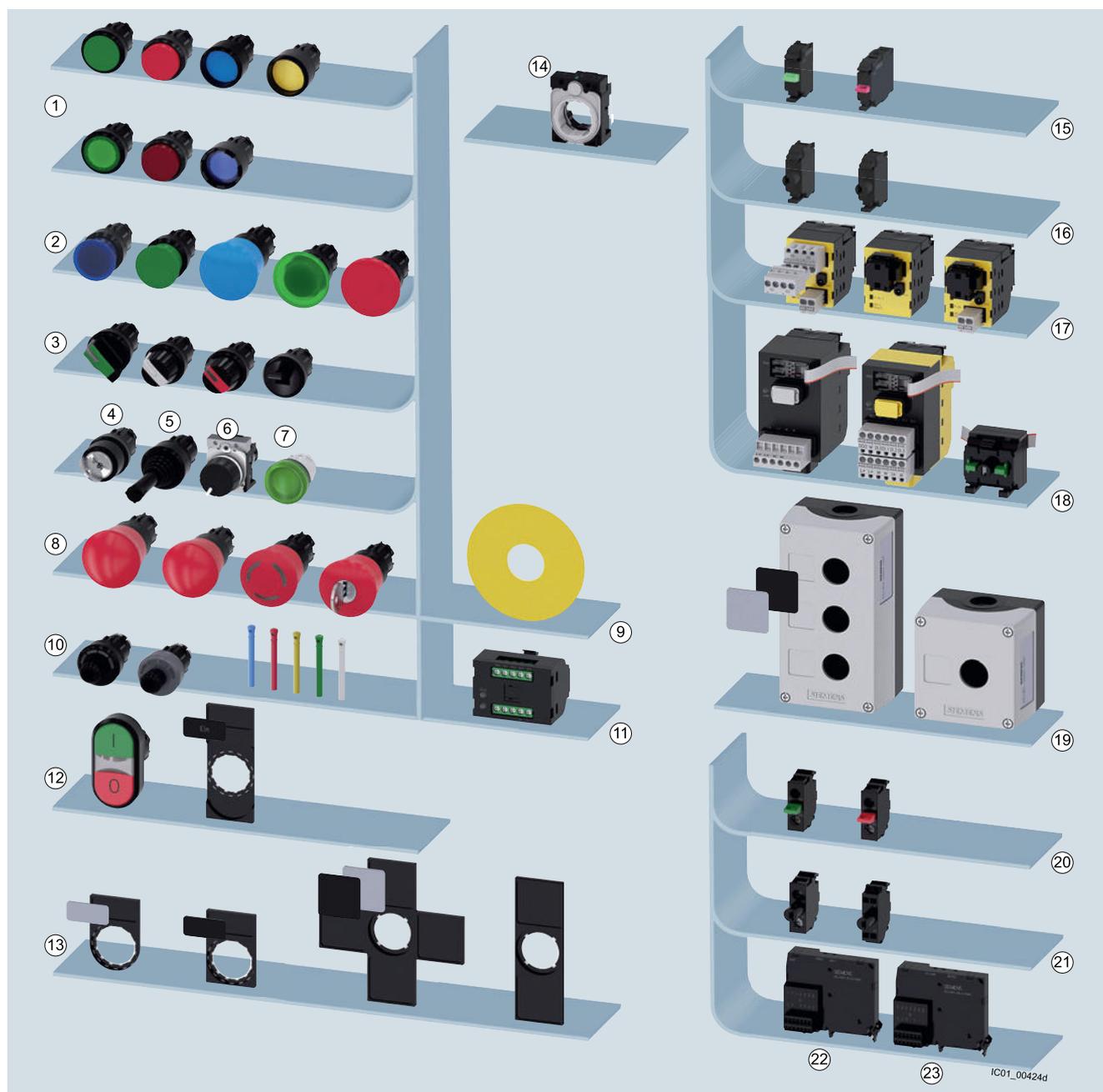


Complete units	Pages	Compact units	Pages
Plastic, black	13/20	Plastic, black	13/27
Plastic with metal front ring, matte	13/42	Plastic with metal front ring, matte	13/48
Metal, shiny	13/63	Metal, shiny	13/69

# 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 four design lines.

Actuating and signaling elements	Pages	Modules for front plate mounting	Pages
① Pushbuttons, illuminated pushbuttons	13/20	⑮ Contact modules	13/90
② Mushroom pushbuttons	13/22	⑯ LED modules	13/94
③ Selector switches, toggle switches	13/45	⑰ AS-Interface modules	13/96
④⑤ Key-operated switches, coordinate switches, potentiometers, indicator lights	13/46	⑱ Interface modules, fail-safe interface modules, terminal modules	13/99
⑧⑨ EMERGENCY STOP mushroom pushbuttons, backing plates	13/22	<b>Enclosures</b>	<b>Pages</b>
⑩⑪ ID key-operated switches with ID key, electronic modules	13/40	⑲ Enclosures	13/100
⑫ Twin pushbuttons, label holders, labeling plates	13/32	<b>Modules for base mounting</b>	<b>Pages</b>
<b>Holders and labels</b>	<b>Pages</b>	⑳ Contact modules	13/109
⑬ Label holders, labeling plates	13/114	㉑ LED modules	13/109
⑭ Holder	13/114	㉒ IO-Link modules	13/112
		㉓ AS-Interface modules	13/112

## SIRIUS ACT Pushbuttons and Indicator Lights

## General data

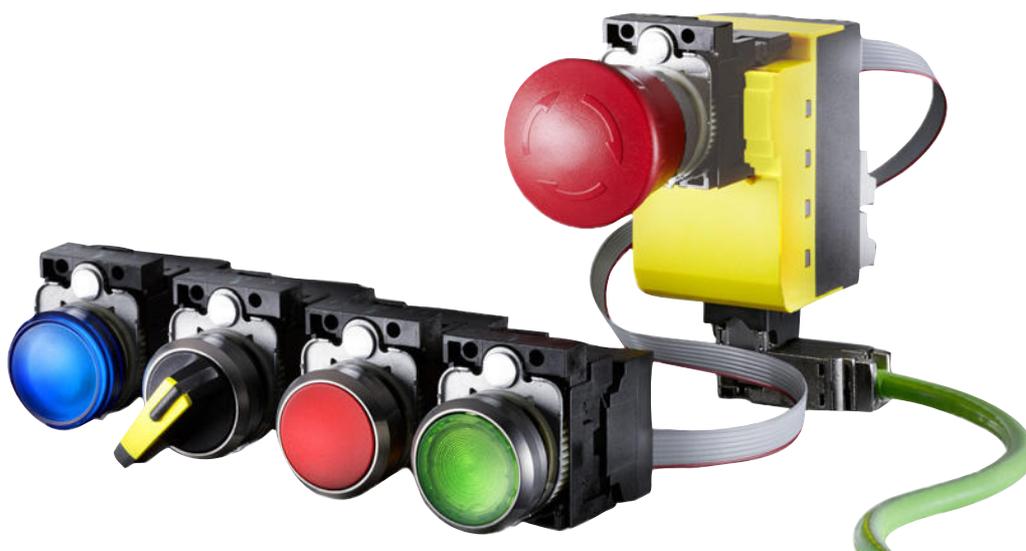
**SIRIUS ACT with PROFINET**

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, PLe) 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 cables without special tools saves significantly on wiring outlay.



Interface modules / fail-safe interface modules			
	<b>Interface module for PROFINET, 24 V DC</b> 1 to 20 terminal modules can be connected	<b>3SU1400-1L□10-□AA1</b>	<a href="#">See page 13/99</a>
Terminal modules			
	<b>Terminal modules with 2 contacts</b> <b>Terminal modules with 2 contacts and integrated LED</b> <b>Terminal modules with integrated LED</b>	<b>3SU1401-1MA□0-1□A1</b> <b>3SU1401-1MC□0-1□A1</b> <b>3SU1401-1ME□0-1□A1</b>	<a href="#">See page 13/99</a>
Accessories			
	<b>Memory module</b> For backing up the complete parameterization of the 3SK2 safety system without a PC/PG through the system interface	<b>3RK3931-0AA00</b>	<a href="#">See page 13/99</a>
	<b>LED modules for mounting on printed-circuit boards</b>	<b>3SU1401-3BA□0-5AA0</b>	<a href="#">See page 13/95</a>
	<b>Flat ribbon cable</b> 7 cores, length 10 m 7 cores, length 5 m	<b>3SU1900-0KQ80-0AA0</b> <b>3SU1900-0KP80-0AA0</b>	<a href="#">See page 13/143</a>

## 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.

#### 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 variant: 1 + 4 non-isolated outputs
- Variant 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



**3SU1030-4WS10-0AA0**  
Plastic with metal front ring, matte

ID key-operated switches		
Number of switching positions	4	4
Operating angle	45°	45°
Operating principle	Latching	Latching
Switch position for key removal	Key removal possible in all 4 positions	Key removal possible in all 4 positions
Color	Black	Black
Pages	<a href="#">13/40</a>	<a href="#">13/61</a>



**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	--	IO-Link protocol
Number of NO contacts	5	5
IO-Link transfer rate	--	COM2 (38.4 kBaud)
Pages	<a href="#">13/98</a>	<a href="#">13/98</a>



**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	<a href="#">13/139</a>	<a href="#">13/139</a>

## SIRIUS ACT Pushbuttons and Indicator Lights

General data

### Article No. scheme

#### Device types



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

#### 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	0									
	Metal, matte (front ring)/plastic, black (rosette)	3									
	Metal, shiny	5									
	Metal, matte	6									
Illumination	Non-illuminated	0									
	Illuminated/transparent	1									
	Illuminated/non-illuminated	2									
Type of actuator/indicator	Pushbutton	0									
	Mushroom pushbutton/EMERGENCY STOP mushroom pushbutton/sensor switch	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/acoustic signaling device	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 Y = Without module, with holder										
Marking	e.g. A = None, C = "I", D = "O", R = "R"										
Ambient condition	Standard										
	ATEX										0 1
<b>Example</b>		<b>3SU1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>-</b>	<b>0</b>	<b>A</b>	<b>B</b>	<b>1</b>	<b>0</b>
											<b>-</b>
											<b>0</b>
											<b>A</b>
											<b>A</b>
											<b>0</b>

#### Note:

The Article No. 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.

## SIRIUS ACT Pushbuttons and Indicator Lights

### General data

#### Complete units

Product versions		Article number																	
SIRIUS ACT pushbuttons and indicator lights		3	S	U	1	□	□	□	-	□	□	□	□	□	□	□	□		
Device type	Complete units	1																	
Material (front ring)	Plastic, black	0																	
	Metal, matte (front ring)/plastic, black (rosette)	3																	
	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/sensor switch	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/acoustic signaling device	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-type 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															1			
<b>Example</b>		<b>3</b>	<b>S</b>	<b>U</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>-</b>	<b>0</b>	<b>A</b>	<b>B</b>	<b>1</b>	<b>0</b>	<b>-</b>	<b>1</b>	<b>B</b>	<b>A</b>	<b>0</b>

#### Compact units

Product versions		Article number																	
SIRIUS ACT pushbuttons and indicator lights		3	S	U	1	□	□	□	-	□	□	□	□	□	□	□			
Device type	Compact units	2																	
Material (front ring)	Plastic, black	0																	
	Metal, matte (front ring)/plastic, black (rosette)	3																	
	Metal, shiny	5																	
	Metal, matte	6																	
Illumination	Non-illuminated	0																	
	Illuminated/non-illuminated	1																	
Type of actuator/indicator	Pushbutton	0																	
	Sensor switch	1																	
	Potentiometer	2																	
	Indicator light/acoustic signaling device	6																	
Design of the actuator/acoustic signaling device	e.g. A = Flat										□								
Function (voltage/resistance)	e.g. B = 24 V AC/DC											□							
Color	e.g. 10 = Black, 20 = Red												□	□					
	Connection type	Without														0			
		Screw terminals														1			
		M12 connection, 4-pole														2			
Spring-type terminals														3					
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															0			
	ATEX															1			
<b>Example</b>		<b>3</b>	<b>S</b>	<b>U</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>-</b>	<b>6</b>	<b>A</b>	<b>B</b>	<b>1</b>	<b>0</b>	<b>-</b>	<b>1</b>	<b>A</b>	<b>A</b>	<b>0</b>

#### 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.

## SIRIUS ACT Pushbuttons and Indicator Lights

## General data

## Modules for actuators and indicators

Product versions		Article number															
SIRIUS ACT pushbuttons and indicator lights		3	S	U	1	□	□	□	-	□	□	□	□	□	□	□	□
Device type	Modules for actuators and indicators	4															
Material (front ring)	Plastic, black	0															
Illumination	Non-illuminated	0															
	Illuminated	1															
Fastening method	Front plate mounting									1							
	Base mounting									2							
	Printed circuit board									3							
Module type	Contact module																
	LED module																
	LED test module																
	Support terminal																
	AS-Interface module																
	Electronic module for ID key-operated switches																
	Interface modules for PROFINET																
	Terminal modules																
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-type terminals															3	
	Spring-type terminals + insulation piercing method															4	
	Socket terminals															5	
Module/holder 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															1	
<b>Example</b>		<b>3SU1</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>-</b>	<b>1</b>	<b>A</b>	<b>A</b>	<b>1</b>	<b>0</b>	<b>-</b>	<b>1</b>	<b>B</b>	<b>A</b>	<b>0</b>	

## Holders

Product versions		Article number														
SIRIUS ACT pushbuttons and indicator lights		3	S	U	1	□	□	□	-	□	□	□	□	□	□	□
Device type	Holder	5														
Material (front ring)	Plastic, black	0														
	Metal, shiny	5														
Illumination	Non-illuminated	0														
	Illuminated	1														
Fastening method	None									0						
	Front plate mounting									1						
Holder type	3x A															A
	4x B															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															1
<b>Example</b>		<b>3SU1</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>-</b>	<b>0</b>	<b>A</b>	<b>A</b>	<b>1</b>	<b>0</b>	<b>-</b>	<b>0</b>	<b>A</b>	<b>A</b>	<b>0</b>

## 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.

## 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											
Command point	e.g. command point, inscription, module												
Communication capability	None												
	AS-i	1											
Ambient condition	Standard												
	ATEX	1											
Mounting/connection of modules	None												0
	Front plate mounting, screw terminals												1
	Base mounting, screw terminals												2
	Base mounting, spring-type terminals												3
	Insulation piercing method												4
Cable exit from enclosure	None												A
	Direct entry of AS-i flat cable at top/on right AS-i insulation piercing method at top/on right												G 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/plastic	3											
	Metal, shiny	5											
	Metal, matte	6											
Illumination	Non-illuminated	0											
	Illuminated	1											
Type of accessory (labels, protection, actuator, enclosure)	e.g. 0AB = Insert label												
Color	e.g. 10 = Black, 20 = Red												
Marking	e.g.												
	0AA = None												
	0AB = ON												
	0AT = EMERGENCY STOP												
Ambient condition	Standard												0
	ATEX												1

#### 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.

## 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 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/EN 60204-1, the SIRIUS ACT mushroom pushbuttons are suitable for use as safety EMERGENCY STOP pushbuttons.

### Safety circuits

The IEC/EN 60947-5-1 standard requires positive opening. 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 (⊕).

Category 4 according to EN 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 3SK11 safety relays or the 3RK3 Modular Safety System ([see page 11/1 onwards](#)) or matching units from the ASIsafe, SIMATIC or SINUMERIK product ranges.

The SIRIUS ACT pushbuttons and indicator lights can be connected to the AS-Interface communication system quickly and safely.

The following solutions are available:

- AS-Interface modules
- AS-Interface modules in safety-related version for EMERGENCY STOP mushroom pushbutton
- Ready-fitted AS-Interface enclosures with 1 to 6 command points

### IO-Link

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

## SIRIUS ACT Pushbuttons and Indicator Lights

## General data

## Technical specifications

## More information

Industry Mall, see [www.siemens.com/product?3SU1](http://www.siemens.com/product?3SU1)Configurator, see [www.siemens.com/sirius-act/configurator](http://www.siemens.com/sirius-act/configurator)Conversion tool, see [www.siemens.com/sirius/conversion-tool](http://www.siemens.com/sirius/conversion-tool)Manual, see <https://support.industry.siemens.com/cs/ww/en/view/107542462>

Type	3SU1..0-AA 3SU1..0-JA	3SU1..1-AA 3SU1..1-JA	3SU1..0-AB 3SU1..0-BB 3SU1..0-CB 3SU1..0-DB 3SU1..0-JB	3SU1..1-AB 3SU1..1-BB 3SU1..1-JB
Product version	<b>Pushbuttons</b>			
<b>Operating principle of the actuating element</b>	Latching		Momentary contact	
<b>Optional expansion of product by light source</b>	No	Yes	No	Yes
<b>Mechanical endurance (operating cycles) typical</b>	500 000		10 000 000	3 000 000
<b>Switching frequency maximum</b>	1/h 1 800		3 600	
<b>Shock resistance</b> acc. to IEC 60068-2-27	Half-sine wave 50 g / 11 ms			
<b>Vibration resistance</b> acc. to IEC 60068-2-6	10 ... 500 Hz: 5 g			
<b>Degree of protection</b>	IP66, IP67, IP69 (IP69K)			
<b>Environmental category during operation</b> According to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with a relative air humidity of 10 ... 95%)			
<b>Ambient temperature</b>				
• During operation	°C	-25 ... +70		
• During storage	°C	-40 ... +80		

Type	3SU1.00-AA 3SU1.00-BA 3SU1.00-CA 3SU1.30-AA 3SU1.30-BA 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 3SU1.30-AD 3SU1.30-BD 3SU1.50-AD 3SU1.50-BD 3SU1.50-CD	3SU1.50-ED	3SU1.01-AD 3SU1.01-BD 3SU1.31-AD 3SU1.31-BD
Product version	<b>Mushroom pushbuttons</b>					
<b>Operating principle of the actuating element</b>	Latching			Momentary contact		
<b>Optional expansion of product by light source</b>	No		Yes	No		Yes
<b>Mechanical endurance (operating cycles) typical</b>	500 000	300 000	500 000	10 000 000	300 000	3 000 000
<b>Switching frequency maximum</b>	1/h 1 800			3 600	1 800	3 600
<b>Shock resistance</b> acc. to IEC 60068-2-27	Half-sine wave 50 g / 11 ms					
<b>Vibration resistance</b> acc. to IEC 60068-2-6	10 ... 500 Hz: 5 g					
<b>Degree of protection</b>	IP66, IP67, IP69 (IP69K)	IP65, IP67, IP69 (IP69K)	IP66, IP67, IP69 (IP69K)	IP65, IP67, IP69 (IP69K)	IP66, IP67, IP69 (IP69K)	IP66, IP67, IP69 (IP69K)
<b>Environmental category during operation</b> According to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with a relative air humidity of 10 ... 95%)					
<b>Ambient temperature</b>						
• During operation	°C	-25 ... +70				
• During storage	°C	-40 ... +80				

## SIRIUS ACT Pushbuttons and Indicator Lights

## General data

Type	3SU1...-J 3SU1...-H 3SU1...-G					
Product version	EMERGENCY STOP mushroom pushbuttons					
<b>Mechanical endurance (operating cycles)</b>	300 000					
<b>Switching frequency maximum</b>	1/h	600				
<b>Shock resistance</b> acc. to IEC 60068-2-27	Half-sine wave 50 g / 11 ms					
<b>Vibration resistance</b> acc. to IEC 60068-2-6	10 ... 500 Hz: 5 g					
<b>Degree of protection</b>	IP66, IP67, IP69 (IP69K)					
<b>Environmental category during operation</b> According to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with a relative air humidity of 10 ... 95%)					
<b>Ambient temperature</b>						
• During operation	°C	-25 ... +70				
• During storage	°C	-40 ... +80				
Type	3SU1.5.-2A 3SU1.5.-2B 3SU1.5.-2C 3SU1.5.-2D 3SU1.5.-2E	3SU1.0.-2A 3SU1.0.-2B 3SU1.0.-2C 3SU1.3.-2A 3SU1.3.-2B 3SU1.3.-2C	3SU1.0.-3E 3SU1.3.-3E 3SU1.5.-3E	3SU1.0.-4B 3SU1.0.-4C 3SU1.0.-4D 3SU1.0.-4F 3SU1.0.-4G 3SU1.0.-4H 3SU1.0.-4J 3SU1.0.-4L 3SU1.0.-5B 3SU1.0.-5H 3SU1.0.-5P 3SU1.0.-5Q 3SU1.0.-5R 3SU1.0.-5S 3SU1.0.-5T 3SU1.0.-5X	3SU1...-4B 3SU1...-4C 3SU1...-4D 3SU1...-4F 3SU1...-4G 3SU1...-4H 3SU1...-4J 3SU1...-4L 3SU1...-5B 3SU1...-5H 3SU1...-5K 3SU1...-5L 3SU1...-5P 3SU1...-5Q 3SU1...-5R 3SU1...-5S 3SU1...-5T 3SU1...-5X	3SU1.0.-7A 3SU1.0.-7B 3SU1.3.-7A 3SU1.3.-7B 3SU1.5.-7A 3SU1.5.-7B
Product version	Selector switches		Toggle switches	Key-operated switches		Coordinate switches
<b>Mechanical endurance (operating cycles)</b>	300 000	1 000 000		300 000	250 000	
<b>Switching frequency maximum</b>	1/h	1 800			3 600	
<b>Shock resistance</b> acc. to IEC 60068-2-27	Half-sine wave 50 g / 11 ms					
<b>Vibration resistance</b> acc. to IEC 60068-2-6	10 ... 500 Hz: 5 g					
<b>Degree of protection</b>	IP66, IP67, IP69 (IP69K)		IP66, IP67, IP69K	IP66, IP67, IP69 (IP69K)		IP65, IP67
<b>Ambient temperature</b>						
• During operation	°C	-25 ... +70				
• During storage	°C	-40 ... +80				

## SIRIUS ACT Pushbuttons and Indicator Lights

## General data

Type		3SU1400- .AA10-1.A0	3SU1400- 1AA10-1GA0, 3SU1400- 1AA10-1RA0	3SU1400- 1AA10-1HA0	3SU1400- .AA10-3.A0	3SU1400- 1AA10-3HA0	3SU1400- 3AA10-5.A0
Product version		<b>Contact modules</b>					
<b>Rated insulation voltage</b>	V	500					
<b>Pollution degree</b>		3					
<b>Impulse withstand voltage, rated value</b>	kV	6					
<b>Operational voltage type</b>		AC/DC					
<b>Operational voltage, rated value</b>							
• At AC at 50 Hz	V	5 ... 500					
• At DC	V	5 ... 500					
<b>Thermal current</b>	A	10					
<b>Operational current, rated value</b>							
• At AC-12							
- At 24 V	A	10					
- At 230 V	A	8					
• At AC-15							
- At 24 V	A	6					
- At 230 V	A	6					
- At 400 V	A	3					
- At 500 V	A	1.4					
• At DC-12							
- At 24 V	A	10					
- At 48 V	A	5					
- At 110 V	A	2.5					
- At 230 V	A	1					
- At 400 V	A	0.3					
- At 500 V	A	0.3					
• At DC-13							
- At 24 V	A	3					
- At 48 V	A	1.5					
- At 110 V	A	0.7					
- At 230 V	A	0.3					
- At 400 V	A	0.1					
- At 500 V	A	0.1					
<b>Contact reliability</b>		One contact failure per 100 million switching operations (17 V, 5 mA), one contact failure per 10 million switching operations (5 V, 1 mA)					
<b>Mechanical endurance (operating cycles) typical</b>		10 000 000					
<b>Switching frequency maximum</b>	1/s	3 600					
<b>Fuse link version required for short-circuit protection of the auxiliary switch with type of coordination 1</b>		gG / Dz 10 A, quick-response / Dz 10 A					
<b>Continuous current of miniature circuit breaker C characteristic</b>	A	10					
<b>Vibration resistance</b> acc. to IEC 60068-2-6		10 ... 500 Hz: 5 g					
<b>Shock resistance</b> acc. to IEC 60068-2-27		Half-sine wave 50 g / 11 ms					
<b>Climate class during operation</b> according to IEC 60721		3M6, 3S2, 3B2, 3C3, 3K6 (with a relative air humidity of 10 ... 95%, no condensation permitted in operation)					
<b>Ambient temperature</b>							
• During operation	°C	-25 ... +70					
• During storage	°C	-40 ... +80					
<b>Degree of protection</b>							
• Of the enclosure		IP40					
• Of the terminal		IP20					
<b>Type of electrical connection</b>		<b>Screw terminals</b> 		<b>Spring-type terminals</b> 		<b>Socket terminals (THT)</b> 	
<b>Type of connectable conductor cross-sections</b>							
• Solid with end sleeve	mm <sup>2</sup>	2 x (0.5 ... 0.75)		--		--	
• Solid without end sleeve	mm <sup>2</sup>	2 x (1.0 ... 1.5)		2 x (0.25 ... 1.5)		--	
• Finely stranded with end sleeve	mm <sup>2</sup>	2 x (0.5 ... 1.5)		2 x (0.25 ... 0.75)		--	
• Finely stranded without end sleeve	mm <sup>2</sup>	2 x (1.0 ... 1.5)		2 x (0.25 ... 1.5)		--	
• For AWG cables		2 x (18 ... 14)		2 x (24 ... 16)		--	
<b>Tightening torque</b> for screw terminals	Nm	0.8 ... 0.9		--		--	

## SIRIUS ACT Pushbuttons and Indicator Lights

## General data

Type	3SU1401-.....-1	3SU1401-.....-3	3SU1401-.....-5
Product version	LED module		
<b>Light source integrated in product</b>	Yes		
<b>Type of light source</b>	LED		
<b>Rated insulation voltage</b>	V	320	
<b>Pollution degree</b>	3		
<b>Impulse withstand voltage rated value</b>	kV	4	
<b>Relative positive tolerance of the operational voltage</b>	%	20	
<b>Relative negative tolerance of the operational voltage</b>	%	20	
<b>Operating time typical</b>	h	100 000	
<b>Vibration resistance</b> acc. to IEC 60068-2-6	10 ... 500 Hz: 5 g		
<b>Shock resistance</b> acc. to IEC 60068-2-27	Half-sine wave 50 g / 11 ms		
<b>Environmental category during operation</b> According to IEC 60721	3M6, 3S2, 3B2, 3K6 (with a relative air humidity of 10 ... 95%, no condensation permitted in operation)		
<b>Ambient temperature</b>			
• During operation	°C	-25 ... +70	
• During storage	°C	-40 ... +80	
<b>Degree of protection of the terminal</b>	IP20		
<b>Type of electrical connection</b>	<b>Screw terminals</b>  <b>Spring-type terminals</b>  <b>Socket terminals (THT)</b> 		

Type	3SU1400-1LK10-1AA1	3SU1400-1LK10-3AA1	3SU1400-1LL10-1BA1	3SU1400-1LL10-3BA1
Product designation	Interface module		Fail-safe interface module	
<b>Operational voltage type</b>	DC			
<b>Supply voltage at DC rated value</b>	V	24		
<b>Current consumed, maximum</b>	mA	150		
<b>Product function at the interface 1</b> <b>PROFINET IO-Device</b>	Yes			
<b>Type of interface</b> <b>Fast Ethernet interface</b>	Yes			
<b>Type of interface 1</b> <b>RJ45 (Ethernet) interface</b>	Yes			
<b>Number of ports at the interface 1</b>	1			
<b>Number of modules per rack, maximum</b>	20			
<b>Number of digital outputs</b>	0		1	
<b>Number of digital inputs</b>	0		4	
<b>Software version required for STEP 7</b> <b>in the TIA Portal</b>	Integrated in the TIA Portal, version 14 SP1 or higher (HSP for V13 and V14)			
<b>SIL response limit (subsystem) according to IEC 62061</b>	--		SIL CL 3	
<b>Performance level (PL) according to EN ISO 13849-1</b>	--		e	
<b>Ambient temperature</b>				
• During operation	°C	60 ... -25		
• During storage	°C	80 ... -40		
<b>Degree of protection</b>	IP20			
<b>Connectable conductor cross-section</b>				
• Solid				
- With end sleeves	mm²	0.2 ... 2.5		
• Finely stranded				
- With end sleeves	mm²	0.25 ... 2.5		
- Without end sleeves	mm²	0.2 ... 2.5		

# SIRIUS ACT Pushbuttons and Indicator Lights

## Actuators and Indicators, 22 mm, Round, Plastic, Black Complete Units

### Pushbuttons

#### Selection and ordering data

Supply voltage for light source		Color	Number of			SD	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



3SU1100-0AB40-1BA0

#### Pushbuttons with flat button, momentary contact

13	--	Black	1	1	0	▶	3SU1100-0AB10-1BA0	1	1 unit	41J
			0	0	1	▶	3SU1100-0AB10-1CA0	1	1 unit	41J
			1	1	1	▶	3SU1100-0AB10-1FA0	1	1 unit	41J
		Red	1	1	0	▶	3SU1100-0AB20-1BA0	1	1 unit	41J
			0	0	1	▶	3SU1100-0AB20-1CA0	1	1 unit	41J
				1	1	▶	3SU1100-0AB20-1FA0	1	1 unit	41J
		Yellow	1	1	0	3	3SU1100-0AB30-1BA0	1	1 unit	41J
				1	1	3	3SU1100-0AB30-1FA0	1	1 unit	41J
		Green	1	1	0	▶	3SU1100-0AB40-1BA0	1	1 unit	41J
				1	1	▶	3SU1100-0AB40-1FA0	1	1 unit	41J
		Blue	1	1	0	▶	3SU1100-0AB50-1BA0	1	1 unit	41J
				1	1	3	3SU1100-0AB50-1FA0	1	1 unit	41J
		White	1	1	0	▶	3SU1100-0AB60-1BA0	1	1 unit	41J
				1	1	3	3SU1100-0AB60-1FA0	1	1 unit	41J
		Clear	1	1	0	5	3SU1100-0AB70-1BA0	1	1 unit	41J
				1	1	5	3SU1100-0AB70-1FA0	1	1 unit	41J
		Gray	1	1	1	5	3SU1100-0AB80-1FA0	1	1 unit	41J



3SU1100-0BB20-1CA0

#### Pushbuttons with raised button, momentary contact

--	--	Black	1	0	1	5	3SU1100-0BB10-1CA0	1	1 unit	41J
				1	1	5	3SU1100-0BB10-1FA0	1	1 unit	41J
		Red	1	0	1	5	3SU1100-0BB20-1CA0	1	1 unit	41J
				1	1	5	3SU1100-0BB20-1FA0	1	1 unit	41J
		Blue	1	1	0	5	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	▶	3SU1102-0AB20-1BA0	1	1 unit	41J
				0	1	▶	3SU1102-0AB20-1CA0	1	1 unit	41J
				1	1	▶	3SU1102-0AB20-1FA0	1	1 unit	41J
		Yellow	1	1	0	▶	3SU1102-0AB30-1BA0	1	1 unit	41J
				1	1	3	3SU1102-0AB30-1FA0	1	1 unit	41J
		Green	1	1	0	▶	3SU1102-0AB40-1BA0	1	1 unit	41J
				1	1	▶	3SU1102-0AB40-1FA0	1	1 unit	41J
		Blue	1	1	0	▶	3SU1102-0AB50-1BA0	1	1 unit	41J
				1	1	3	3SU1102-0AB50-1FA0	1	1 unit	41J
		White	1	1	0	▶	3SU1102-0AB60-1BA0	1	1 unit	41J
				1	1	▶	3SU1102-0AB60-1FA0	1	1 unit	41J
		Clear	1	1	0	▶	3SU1102-0AB70-1BA0	1	1 unit	41J
				1	1	3	3SU1102-0AB70-1FA0	1	1 unit	41J
110	--	Red	1	0	1	5	3SU1103-0AB20-1CA0	1	1 unit	41J
				1	1	3	3SU1103-0AB20-1FA0	1	1 unit	41J
				1	1	5	3SU1103-0AB30-1BA0	1	1 unit	41J
		Yellow	1	0	5	3SU1103-0AB30-1BA0	1	1 unit	41J	
				1	1	5	3SU1103-0AB30-1FA0	1	1 unit	41J
		Green	1	1	0	3	3SU1103-0AB40-1BA0	1	1 unit	41J
				1	1	3	3SU1103-0AB40-1FA0	1	1 unit	41J
		Blue	1	1	0	5	3SU1103-0AB50-1BA0	1	1 unit	41J
				1	1	5	3SU1103-0AB50-1FA0	1	1 unit	41J
		White	1	1	0	5	3SU1103-0AB60-1BA0	1	1 unit	41J
				1	1	5	3SU1103-0AB60-1FA0	1	1 unit	41J
		Clear	1	1	0	5	3SU1103-0AB70-1BA0	1	1 unit	41J
				1	1	5	3SU1103-0AB70-1FA0	1	1 unit	41J



3SU1103-0AB20-1CA0

# SIRIUS ACT Pushbuttons and Indicator Lights

## Actuators and Indicators, 22 mm, Round, Plastic, Black Complete Units

### Pushbuttons

Supply voltage for light source		Color	Number of			SD	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	5	3SU1106-0AB20-1CA0	1	1 unit	41J
			1	1	1	3	3SU1106-0AB20-1FA0	1	1 unit	41J
		Yellow	1	1	0	5	3SU1106-0AB30-1BA0	1	1 unit	41J
			1	1	1	5	3SU1106-0AB30-1FA0	1	1 unit	41J
		Green	1	1	0	3	3SU1106-0AB40-1BA0	1	1 unit	41J
			1	1	1	3	3SU1106-0AB40-1FA0	1	1 unit	41J
		Blue	1	1	0	5	3SU1106-0AB50-1BA0	1	1 unit	41J
			1	1	1	5	3SU1106-0AB50-1FA0	1	1 unit	41J
		White	1	1	0	5	3SU1106-0AB60-1BA0	1	1 unit	41J
			1	1	1	5	3SU1106-0AB60-1FA0	1	1 unit	41J
		Clear	1	1	0	5	3SU1106-0AB70-1BA0	1	1 unit	41J
			1	1	1	5	3SU1106-0AB70-1FA0	1	1 unit	41J

#### Spring-type terminals



3SU1100-0AB30-3BA0

#### Pushbuttons with flat button, momentary contact

--	--	Black	1	1	0	3	3SU1100-0AB10-3BA0	1	1 unit	41J
			1	0	1	5	3SU1100-0AB10-3CA0	1	1 unit	41J
			1	1	1	5	3SU1100-0AB10-3FA0	1	1 unit	41J
		Red	1	0	1	5	3SU1100-0AB20-3CA0	1	1 unit	41J
			1	1	1	5	3SU1100-0AB20-3FA0	1	1 unit	41J
		Yellow	1	1	0	5	3SU1100-0AB30-3BA0	1	1 unit	41J
			1	1	1	5	3SU1100-0AB30-3FA0	1	1 unit	41J
		Green	1	1	0	5	3SU1100-0AB40-3BA0	1	1 unit	41J
			1	1	1	5	3SU1100-0AB40-3FA0	1	1 unit	41J
		Blue	1	1	0	5	3SU1100-0AB50-3BA0	1	1 unit	41J
			1	1	1	5	3SU1100-0AB50-3FA0	1	1 unit	41J
		White	1	1	0	5	3SU1100-0AB60-3BA0	1	1 unit	41J
			1	1	1	5	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	5	3SU1102-0AB20-3CA0	1	1 unit	41J
			1	1	1	5	3SU1102-0AB20-3FA0	1	1 unit	41J
		Yellow	1	1	0	5	3SU1102-0AB30-3BA0	1	1 unit	41J
			1	1	1	5	3SU1102-0AB30-3FA0	1	1 unit	41J
		Green	1	1	0	3	3SU1102-0AB40-3BA0	1	1 unit	41J
			1	1	1	5	3SU1102-0AB40-3FA0	1	1 unit	41J
		Blue	1	1	0	5	3SU1102-0AB50-3BA0	1	1 unit	41J
			1	1	1	5	3SU1102-0AB50-3FA0	1	1 unit	41J
		White	1	1	0	3	3SU1102-0AB60-3BA0	1	1 unit	41J
			1	1	1	5	3SU1102-0AB60-3FA0	1	1 unit	41J
		Clear	1	1	0	5	3SU1102-0AB70-3BA0	1	1 unit	41J
			1	1	1	5	3SU1102-0AB70-3FA0	1	1 unit	41J
110	--	Red	1	0	1	5	3SU1103-0AB20-3CA0	1	1 unit	41J
			1	1	1	5	3SU1103-0AB20-3FA0	1	1 unit	41J
		Yellow	1	1	1	5	3SU1103-0AB30-3FA0	1	1 unit	41J
			Green	1	1	0	5	3SU1103-0AB40-3BA0	1	1 unit
1	1	1		5	3SU1103-0AB40-3FA0	1	1 unit	41J		
		Blue	1	1	1	5	3SU1103-0AB50-3FA0	1	1 unit	41J
			White	1	1	0	5	3SU1103-0AB60-3BA0	1	1 unit
1	1	1		5	3SU1103-0AB60-3FA0	1	1 unit	41J		
		Clear	1	1	0	5	3SU1103-0AB70-3BA0	1	1 unit	41J
			1	1	1	5	3SU1103-0AB70-3FA0	1	1 unit	41J
230	--	Red	1	0	1	5	3SU1106-0AB20-3CA0	1	1 unit	41J
			1	1	1	5	3SU1106-0AB20-3FA0	1	1 unit	41J
		Yellow	1	1	1	5	3SU1106-0AB30-3FA0	1	1 unit	41J
			Green	1	1	0	5	3SU1106-0AB40-3BA0	1	1 unit
1	1	1		5	3SU1106-0AB40-3FA0	1	1 unit	41J		
		Blue	1	1	1	5	3SU1106-0AB50-3FA0	1	1 unit	41J
			White	1	1	0	5	3SU1106-0AB60-3BA0	1	1 unit
1	1	1		5	3SU1106-0AB60-3FA0	1	1 unit	41J		
		Clear	1	1	0	5	3SU1106-0AB70-3BA0	1	1 unit	41J
			1	1	1	5	3SU1106-0AB70-3FA0	1	1 unit	41J

**SIRIUS ACT Pushbuttons and Indicator Lights**Actuators and Indicators, 22 mm, Round, Plastic, Black  
Complete Units**Mushroom pushbuttons / EMERGENCY STOP mushroom pushbuttons****Selection and ordering data**

Unlatching method	Number of Contact modules	NO contacts	NC contacts	SD	Screw terminals	PU (UNIT, SET, M)	PS*	PG

**Mushroom pushbuttons**

3SU1100-1BA20-3CA0

**With red mushroom, diameter 40 mm, latching**

Pull to unlatch	1	0	1	3	Screw terminals	1	1 unit	41J
		1	1	3				
					Spring-type terminals			
Pull to unlatch	1	0	1	5	Screw terminals	1	1 unit	41J
		1	1	5				
					3SU1100-1BA20-3FA0			

**Selection and ordering data**

Unlatching method	Number of Contact modules	NO contacts	NC contacts	Marking	SD	Screw terminals	PU (UNIT, SET, M)	PS*	PG

**EMERGENCY STOP mushroom pushbuttons, tamper-proof, in accordance with ISO 13850 and IEC 60947-5-5**

3SU1100-1HA20-1CH0



3SU1100-1HB20-1CH0

**With red mushroom, diameter 40 mm, with positive latching**

Pull to unlatch	1	0	1	NOT-HALT	⊖	5	Screw terminals	1	1 unit	41J
		1	1	EMERGENCY STOP	⊖	5				
				NOT-HALT	⊖	5	Screw terminals	1	1 unit	41J
		1	1	EMERGENCY STOP	⊖	5				
Rotate to unlatch	1	0	1	None	⊖	5	Screw terminals	1	1 unit	41J
		0	1	EMERGENCY STOP	⊖	5				
				NOT-HALT	⊖	▶	Screw terminals	1	1 unit	41J
		0	2	EMERGENCY STOP	⊖	5				
				NOT-HALT	⊖	▶	Screw terminals	1	1 unit	41J
		0	1	ARRET D'URGENCE	⊖	5				
				EMERGENCY STOP	⊖	5	Screw terminals	1	1 unit	41J
		0	2	ARRET D'URGENCE	⊖	5				
				ARRET D'URGENCE	⊖	5	Screw terminals	1	1 unit	41J
		0	1	EMERGENCY STOP	⊖	5				
				EMERGENCY STOP	⊖	5	Screw terminals	1	1 unit	41J
		1	1	NOT-HALT	⊖	▶				
				NOT-HALT	⊖	▶	Screw terminals	1	1 unit	41J
		1	1	ARRET D'URGENCE	⊖	5				
				ARRET D'URGENCE	⊖	5	Screw terminals	1	1 unit	41J
		1	1	NOT-HALT	⊖	▶				
				NOT-HALT	⊖	5	Spring-type terminals	1	1 unit	41J
		0	1	NOT-HALT	⊖	5				
		1	1	NOT-HALT	⊖	5	3SU1100-1HB20-3FH0	1	1 unit	41J

**EMERGENCY STOP mushroom pushbuttons, in accordance with ISO 13850 and IEC 60947-5-5 NEW**

3SU1100-1LB20-1PH0

**With red mushroom, diameter 40 mm**

Rotate to unlatch	2	0	2	NOT-HALT		5	Spring-type terminals	1	1 unit	41J

⊖ Positive opening according to IEC 60947-5-1, Annex K.  
Can be used with 3SK11 safety relays or the 3RK3 Modular Safety System,  
see page 11/1 onwards.  
Certificate:



# SIRIUS ACT Pushbuttons and Indicator Lights

## Actuators and Indicators, 22 mm, Round, Plastic, Black Complete Units

## Selector switches

## Selection and ordering data

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

## Selector switches



3SU1100-2BF60-1BA0

**Short black actuator, 2 switch positions, can be illuminated**

Latching, 90° 	White	1	1	0	▶	<b>3SU1100-2BF60-1BA0</b>	1	1 unit	41J
		2	1	1	▶	<b>3SU1100-2BF60-1MA0</b>	1	1 unit	41J
	White 110 V	1	1	0	5	<b>3SU1103-2BF60-1BA0</b>	1	1 unit	41J

**Short black actuator, 3 switch positions, can be illuminated**

Momentary contact, 2x45°, reset from left + right 	White	2	2	2	3	<b>3SU1100-2BM60-1LA0</b>	1	1 unit	41J
			2	0	▶	<b>3SU1100-2BM60-1NA0</b>	1	1 unit	41J

Latching, 2x45° 	White	2	2	2	▶	<b>3SU1100-2BL60-1LA0</b>	1	1 unit	41J
			2	0	▶	<b>3SU1100-2BL60-1NA0</b>	1	1 unit	41J

Spring-type terminals 

3SU1100-2BL60-1NA0

**Short black actuator, 2 switch positions, can be illuminated**

Latching, 90° 	White	1	1	0	5	<b>3SU1100-2BF60-3BA0</b>	1	1 unit	41J
		2	1	1	5	<b>3SU1100-2BF60-3MA0</b>	1	1 unit	41J

**Short black actuator, 3 switch positions, can be illuminated**

Momentary contact, 2x45°, reset from left + right 	White	2	2	2	5	<b>3SU1100-2BM60-3LA0</b>	1	1 unit	41J
			2	0	5	<b>3SU1100-2BM60-3NA0</b>	1	1 unit	41J

Latching, 2x45° 	White	2	2	2	5	<b>3SU1100-2BL60-3LA0</b>	1	1 unit	41J
			2	0	5	<b>3SU1100-2BL60-3NA0</b>	1	1 unit	41J



## SIRIUS ACT Pushbuttons and Indicator Lights

### Actuators and Indicators, 22 mm, Round, Plastic, Black Complete Units

Coordinate switches

## Selection and ordering data

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

## Coordinate switches

**Without mechanical interlock, 2 switch positions**

	2	Momentary contact	Horizontal	5	<b>3SU1100-7AC10-1NA0</b>		1	1 unit	41J
			Vertical	5			1	1 unit	41J
	Latching	Horizontal	5	<b>3SU1100-7AA10-1NA0</b>		1	1 unit	41J	
		Vertical	5			<b>3SU1100-7AB10-1NA0</b>		1	1 unit

3SU1100-7AC10-1NA0

**Without mechanical interlock, 4 switch positions**

	4	Momentary contact	Horizontal / Vertical	3	<b>3SU1100-7AF10-1QA0</b>		1	1 unit	41J
			Latching	Horizontal / Vertical			5	<b>3SU1100-7AE10-1QA0</b>	

3SU1100-7AF10-1QA0

**With mechanical interlock, 2 switch positions**

	2	Momentary contact	Horizontal	5	<b>3SU1100-7BC10-1NA0</b>		1	1 unit	41J
			Vertical	5			<b>3SU1100-7BD10-1NA0</b>		1
	Latching	Horizontal	5	<b>3SU1100-7BA10-1NA0</b>		1	1 unit	41J	
		Vertical	5			<b>3SU1100-7BB10-1NA0</b>		1	1 unit

3SU1100-7BA10-1NA0

**With mechanical interlock, 4 switch positions**

	4	Momentary contact	Horizontal / Vertical	5	<b>3SU1100-7BF10-1QA0</b>		1	1 unit	41J
			Latching	Horizontal / Vertical			5	<b>3SU1100-7BE10-1QA0</b>	

3SU1100-7BF10-1QA0

## SIRIUS ACT Pushbuttons and Indicator Lights

### Actuators and Indicators, 22 mm, Round, Plastic, Black, Complete Units

#### Indicator lights

#### Selection and ordering data

Operational voltage at AC, rated value	Operational voltage at DC, rated value	Color of actuating element	Color of light source	SD	Screw terminals	PU (UNIT, SET, M)	PS*	PG			
									Article No.	Price per PU	
V	V			d							
<b>Indicator lights</b>											
<b>With smooth lens and integrated LED</b>											
 3SU1102-6AA30-1AA0	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		
 3SU1106-6AA50-1AA0	110	--	Amber	Amber	5	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	3	3SU1103-6AA50-1AA0	1	1 unit	41J		
			White	White	▶	3SU1103-6AA60-1AA0	1	1 unit	41J		
			Clear	White	3	3SU1103-6AA70-1AA0	1	1 unit	41J		
 3SU1106-6AA50-1AA0	230	--	Amber	Amber	5	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	3	3SU1106-6AA50-1AA0	1	1 unit	41J		
			White	White	▶	3SU1106-6AA60-1AA0	1	1 unit	41J		
			Clear	White	3	3SU1106-6AA70-1AA0	1	1 unit	41J		
			<b>Spring-type terminals</b>								
			 3SU1102-6AA40-3AA0	24	24	Red	Red	3	3SU1102-6AA20-3AA0	1	1 unit
Yellow	Yellow	5				3SU1102-6AA30-3AA0	1	1 unit	41J		
Green	Green	3				3SU1102-6AA40-3AA0	1	1 unit	41J		
Blue	Blue	5				3SU1102-6AA50-3AA0	1	1 unit	41J		
White	White	3				3SU1102-6AA60-3AA0	1	1 unit	41J		
Clear	White	5				3SU1102-6AA70-3AA0	1	1 unit	41J		
 3SU1106-6AA60-3AA0	110	--	Red	Red	5	3SU1103-6AA20-3AA0	1	1 unit	41J		
			Yellow	Yellow	5	3SU1103-6AA30-3AA0	1	1 unit	41J		
			Green	Green	5	3SU1103-6AA40-3AA0	1	1 unit	41J		
			Blue	Blue	5	3SU1103-6AA50-3AA0	1	1 unit	41J		
			White	White	5	3SU1103-6AA60-3AA0	1	1 unit	41J		
			Clear	White	5	3SU1103-6AA70-3AA0	1	1 unit	41J		
			 3SU1106-6AA60-3AA0	230	--	Red	Red	5	3SU1106-6AA20-3AA0	1	1 unit
Yellow	Yellow	5				3SU1106-6AA30-3AA0	1	1 unit	41J		
Green	Green	5				3SU1106-6AA40-3AA0	1	1 unit	41J		
Blue	Blue	5				3SU1106-6AA50-3AA0	1	1 unit	41J		
White	White	5				3SU1106-6AA60-3AA0	1	1 unit	41J		
Clear	White	5				3SU1106-6AA70-3AA0	1	1 unit	41J		

## SIRIUS ACT Pushbuttons and Indicator Lights

### Actuators and Indicators, 22 mm, Round, Plastic, Black, Compact Units

Indicator lights

## Selection and ordering data

	Operational voltage		Color		SD	Screw terminals	PU (UNIT, SET, M)	PS*	PG	
	at AC, rated value	at DC, rated value	of actuating element	of light source						
	V	V			d	Article No.	Price per PU			
<b>Indicator lights <i>NEW</i></b>										
 3SU1201-6AB50-1AA0	24	24	Amber	Amber	3	3SU1201-6AB00-1AA0		1	1 unit	41J
			Red	Red	▶	3SU1201-6AB20-1AA0				
			Yellow	Yellow	▶	3SU1201-6AB30-1AA0				
			Green	Green	▶	3SU1201-6AB40-1AA0				
			Blue	Blue	3	3SU1201-6AB50-1AA0				
			White	White	▶	3SU1201-6AB60-1AA0				
			Clear	Clear	▶	3SU1201-6AB70-1AA0				
 3SU1201-6AC30-1AA0	110	110	Amber	Amber	5	3SU1201-6AC00-1AA0		1	1 unit	41J
			Red	Red	3	3SU1201-6AC20-1AA0				
			Yellow	Yellow	3	3SU1201-6AC30-1AA0				
			Green	Green	3	3SU1201-6AC40-1AA0				
			Blue	Blue	5	3SU1201-6AC50-1AA0				
			White	White	3	3SU1201-6AC60-1AA0				
			Clear	Clear	5	3SU1201-6AC70-1AA0				
 3SU1201-6AF30-1AA0	230	230	Amber	Amber	5	3SU1201-6AF00-1AA0		1	1 unit	41J
			Red	Red	3	3SU1201-6AF20-1AA0				
			Yellow	Yellow	3	3SU1201-6AF30-1AA0				
			Green	Green	3	3SU1201-6AF40-1AA0				
			Blue	Blue	5	3SU1201-6AF50-1AA0				
			White	White	3	3SU1201-6AF60-1AA0				
			Clear	Clear	5	3SU1201-6AF70-1AA0				
<b>Indicator lights with "traffic light" LED</b>										
 3SU1201-6AG24-1AA0	6 ... 24	6 ... 24	Clear	Red/Yellow/ Green	▶	3SU1201-6AG24-1AA0		1	1 unit	41J
	110	--	Clear	Red/Yellow/ Green	▶	3SU1201-6AC24-1AA0				
	230	--	Clear	Red/Yellow/ Green	▶	3SU1201-6AF24-1AA0				



## SIRIUS ACT Pushbuttons and Indicator Lights

### Actuators and Indicators, 22 mm, Round, Plastic, Black Compact Units

#### Potentiometers / pushbuttons with extended stroke

##### Selection and ordering data

Version of actuating element	Operating principle	Adjustable resistance	SD	Screw terminals 	PU (UNIT, SET, M)	PS*	PG	
		kΩ	d	Article No.	Price per PU			
<b>Potentiometers</b>								
	<b>Rotary knob</b>	Stepless	1	▶	<b>3SU1200-2PQ10-1AA0</b>	1	1 unit	41J
				▶	<b>3SU1200-2PW10-1AA0</b>	1	1 unit	41J
				▶	<b>3SU1200-2PR10-1AA0</b>	1	1 unit	41J
				▶	<b>3SU1200-2PS10-1AA0</b>	1	1 unit	41J
				▶	<b>3SU1200-2PT10-1AA0</b>	1	1 unit	41J
				▶	<b>3SU1200-2PU10-1AA0</b>	1	1 unit	41J
				▶	<b>3SU1200-2PV10-1AA0</b>	1	1 unit	41J

3SU1200-2PQ10-1AA0

Labeling plates for potentiometers, [see page 13/131](#).

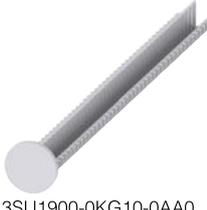
##### Selection and ordering data

Version	Color	SD	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
		d					
<b>Pushbuttons with extended stroke</b>							
For actuating relays, can only be combined with extension plunger, no contact module or LED module required							
	<b>Pushbuttons with flat button</b>	Red	5	<b>3SU1200-0EB20-0AA0</b>	1	1 unit	41J
		Green	5	<b>3SU1200-0EB40-0AA0</b>	1	1 unit	41J
	<b>Pushbuttons with raised button</b>	Black	▶	<b>3SU1200-0FB10-0AA0</b>	1	1 unit	41J
		Red	5	<b>3SU1200-0FB20-0AA0</b>	1	1 unit	41J
	<b>Pushbuttons with flat transparent button for insertion of insert labels</b>	Red	▶	<b>3SU1201-0EB20-0AA0</b>	1	1 unit	41J
		Clear	▶	<b>3SU1201-0EB70-0AA0</b>	1	1 unit	41J

3SU1200-0EB20-0AA0

3SU1200-0FB10-0AA0

3SU1201-0EB70-0AA0

Version	Material	Color	SD	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
			d					
<b>Accessories</b>								
	<b>Extension plungers</b>	Plastic	Gray	▶	<b>3SU1900-0KG10-0AA0</b>	1	1 unit	41J
				For compensation of the distance between the pushbutton and the unlatching button of an overload relay				

3SU1900-0KG10-0AA0

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

**SIRIUS ACT Pushbuttons and Indicator Lights**Actuators and Indicators, 22 mm, Round, Plastic, Black  
Actuating and Signaling Elements**Pushbuttons****Selection and ordering data**

Version of actuating element	Operating principle	Color, marking	SD	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Front ring version	Unlatching method		d					
<b>Pushbuttons</b>								
 3SU1000-0AB20-0AD0	Pushbuttons with flat button Standard	Momentary contact	Black	▶	3SU1000-0AB10-0AA0	1	1 unit	41J
			Black, "O"	▶	3SU1000-0AB10-0AD0	1	1 unit	41J
			Red	▶	3SU1000-0AB20-0AA0	1	1 unit	41J
			Red, "O"	▶	3SU1000-0AB20-0AD0	1	1 unit	41J
			Yellow	▶	3SU1000-0AB30-0AA0	1	1 unit	41J
			Green	▶	3SU1000-0AB40-0AA0	1	1 unit	41J
			Green, "I"	▶	3SU1000-0AB40-0AC0	1	1 unit	41J
			Blue	▶	3SU1000-0AB50-0AA0	1	1 unit	41J
			Blue, "R"	5	3SU1000-0AB50-0AR0	1	1 unit	41J
			White	▶	3SU1000-0AB60-0AA0	1	1 unit	41J
			White, "I"	▶	3SU1000-0AB60-0AC0	1	1 unit	41J
			Clear	▶	3SU1000-0AB70-0AA0	1	1 unit	41J
			Gray	▶	3SU1000-0AB80-0AA0	1	1 unit	41J
			 3SU1000-0AA30-0AA0	Latching Push to unlatch		Black	▶	3SU1000-0AA10-0AA0
Red	▶	3SU1000-0AA20-0AA0				1	1 unit	41J
Yellow	3	3SU1000-0AA30-0AA0				1	1 unit	41J
Green	▶	3SU1000-0AA40-0AA0				1	1 unit	41J
Blue	▶	3SU1000-0AA50-0AA0				1	1 unit	41J
White	▶	3SU1000-0AA60-0AA0				1	1 unit	41J
 3SU1000-0BB30-0AA0	Pushbuttons with raised button Standard	Momentary contact	Black	▶	3SU1000-0BB10-0AA0	1	1 unit	41J
			Red	▶	3SU1000-0BB20-0AA0	1	1 unit	41J
			Yellow	5	3SU1000-0BB30-0AA0	1	1 unit	41J
			Green	▶	3SU1000-0BB40-0AA0	1	1 unit	41J
			Blue	▶	3SU1000-0BB50-0AA0	1	1 unit	41J
			White	▶	3SU1000-0BB60-0AA0	1	1 unit	41J
 3SU1000-0CB40-0AA0	Pushbuttons with flat button Raised	Momentary contact	Black	3	3SU1000-0CB10-0AA0	1	1 unit	41J
			Red	5	3SU1000-0CB20-0AA0	1	1 unit	41J
			Yellow	5	3SU1000-0CB30-0AA0	1	1 unit	41J
			Green	5	3SU1000-0CB40-0AA0	1	1 unit	41J
			Blue	5	3SU1000-0CB50-0AA0	1	1 unit	41J
			White	5	3SU1000-0CB60-0AA0	1	1 unit	41J
 3SU1000-0DB50-0AA0	Pushbuttons with flat button Raised, castellated	Momentary contact	Black	3	3SU1000-0DB10-0AA0	1	1 unit	41J
			Red	5	3SU1000-0DB20-0AA0	1	1 unit	41J
			Yellow	5	3SU1000-0DB30-0AA0	1	1 unit	41J
			Green	5	3SU1000-0DB40-0AA0	1	1 unit	41J
			Blue	5	3SU1000-0DB50-0AA0	1	1 unit	41J
			White	5	3SU1000-0DB60-0AA0	1	1 unit	41J

## SIRIUS ACT Pushbuttons and Indicator Lights

### Actuators and Indicators, 22 mm, Round, Plastic, Black

#### Actuating and Signaling Elements

**Pushbuttons**

Version of actuating element Front ring version	Operating principle Unlatching method	Color	SD	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG			
<b>Pushbuttons</b>											
 3SU1001-0AB40-0AA0	Standard	Momentary contact	5	Amber ▶				41J			
				Red ▶					3SU1001-0AB20-0AA0	1	1 unit
				Yellow ▶					3SU1001-0AB30-0AA0	1	1 unit
				Green ▶					3SU1001-0AB40-0AA0	1	1 unit
				Blue ▶					3SU1001-0AB50-0AA0	1	1 unit
				White ▶					3SU1001-0AB60-0AA0	1	1 unit
				Clear ▶					3SU1001-0AB70-0AA0	1	1 unit
 3SU1001-0AA20-0AA0	Push to unlatch	Latching	5	Red ▶				41J			
				Yellow ▶					3SU1001-0AA30-0AA0	1	1 unit
				Green ▶					3SU1001-0AA40-0AA0	1	1 unit
				Blue ▶					3SU1001-0AA50-0AA0	1	1 unit
				White ▶					3SU1001-0AA60-0AA0	1	1 unit
				Clear ▶					3SU1001-0AA70-0AA0	1	1 unit
				 3SU1001-0BB70-0AA0					Standard	Momentary contact	3
Yellow ▶	3SU1001-0BB30-0AA0	1	1 unit								
Green ▶	3SU1001-0BB40-0AA0	1	1 unit								
Blue ▶	3SU1001-0BB50-0AA0	1	1 unit								
Clear ▶	3SU1001-0BB70-0AA0	1	1 unit								
 3SU1001-0DB50-0AA0	Standard	Momentary contact	5	Blue ▶	3SU1001-0DB50-0AA0			41J			
 3SU1000-0HC10-0AA0	Standard	Momentary contact, latching by pressing in and turning to the right, rotate-to-unlatch to the left	Black	3	3SU1000-0HC10-0AA0			41J			
			Red	3	3SU1000-0HC20-0AA0			41J			

## SIRIUS ACT Pushbuttons and Indicator Lights

Actuators and Indicators, 22 mm, Round, Plastic, Black  
Actuating and Signaling Elements

### Twin pushbuttons

#### Selection and ordering data

Version of actuating element	Operating principle	Color	Marking Symbol No.	SD	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG				
<b>Twin pushbuttons</b>													
 <p>3SU1000-3AB66-0AL0</p>	Twin pushbuttons flat, flat	Momentary contact	Green / Red	--	3		1	1 unit	41J				
			"I" / "O"	▶	3SU1000-3AB42-0AA0					1	1 unit	41J	
			White / Black	--	▶					3SU1000-3AB61-0AA0	1	1 unit	41J
			"I" / "O"	▶	3SU1000-3AB61-0AK0					1	1 unit	41J	
			White / White	--	3					3SU1000-3AB66-0AA0	1	1 unit	41J
			"-" / "+"	5	3SU1000-3AB66-0AL0					1	1 unit	41J	
			Arrows, hor.	5	3SU1000-3AB66-0AM0					1	1 unit	41J	
			Arrows, vert.	5	3SU1000-3AB66-0AN0					1	1 unit	41J	
			Black / Black	--	3					3SU1000-3AB11-0AA0	1	1 unit	41J
			○	3	3SU1000-3AB11-0AQ0					1	1 unit	41J	
			5264 / 5265 (IEC 60417)										
 <p>3SU1000-3BB42-0AK0</p>	Twin pushbuttons flat, raised	Momentary contact	Green / Red	--	3		1	1 unit	41J				
			"I" / "O"	▶	3SU1000-3BB42-0AA0					1	1 unit	41J	
			White / Black	--	▶					3SU1000-3BB61-0AA0	1	1 unit	41J
"I" / "O"	▶	3SU1000-3BB61-0AK0	1	1 unit	41J								
 <p>3SU1001-3AB42-0AN0</p>	Twin pushbuttons flat, flat, illuminated	Momentary contact	Green / Red	--	▶		1	1 unit	41J				
			"I" / "O"	▶	3SU1001-3AB42-0AK0					1	1 unit	41J	
			Arrows, vert.	3	3SU1001-3AB42-0AN0					1	1 unit	41J	
			White / Black	--	▶					3SU1001-3AB61-0AA0	1	1 unit	41J
			"I" / "O"	▶	3SU1001-3AB61-0AK0					1	1 unit	41J	
			White / White	--	▶					3SU1001-3AB66-0AA0	1	1 unit	41J
			"-" / "+"	5	3SU1001-3AB66-0AL0					1	1 unit	41J	
			Arrows, vert.	5	3SU1001-3AB66-0AN0					1	1 unit	41J	
			Symbols	5	3SU1001-3AB66-0AP0					1	1 unit	41J	
			"Circular saw blade" / "Tilt tipper"										
 <p>3SU1001-3BB61-0AK0</p>	Twin pushbuttons flat, raised, illuminated	Momentary contact	Green / Red	--	3		1	1 unit	41J				
			"I" / "O"	▶	3SU1001-3BB42-0AA0					1	1 unit	41J	
			White / Black	--	▶					3SU1001-3BB61-0AA0	1	1 unit	41J
			"I" / "O"	3	3SU1001-3BB61-0AK0					1	1 unit	41J	

## SIRIUS ACT Pushbuttons and Indicator Lights

### Actuators and Indicators, 22 mm, Round, Plastic, Black

### Actuating and Signaling Elements

#### Mushroom pushbuttons

#### Selection and ordering data

Version of actuating element	Operating principle Unlatching method	Color, marking	SD	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
<b>Mushroom pushbuttons</b>								
	Momentary contact	Black	▶	<b>3SU1000-1AD10-0AA0</b>		1	1 unit	41J
		Red	▶	<b>3SU1000-1AD20-0AA0</b>		1	1 unit	41J
		Yellow	▶	<b>3SU1000-1AD30-0AA0</b>		1	1 unit	41J
		Green	▶	<b>3SU1000-1AD40-0AA0</b>		1	1 unit	41J
	Latching	Black	▶	<b>3SU1000-1AA10-0AA0</b>		1	1 unit	41J
Pull to unlatch	Red	▶	<b>3SU1000-1AA20-0AA0</b>		1	1 unit	41J	
	Yellow	5	<b>3SU1000-1AA30-0AA0</b>		1	1 unit	41J	
3SU1000-1AD20-0AA0								
	Momentary contact	Black	▶	<b>3SU1000-1BD10-0AA0</b>		1	1 unit	41J
		Red	▶	<b>3SU1000-1BD20-0AA0</b>		1	1 unit	41J
		Yellow	3	<b>3SU1000-1BD30-0AA0</b>		1	1 unit	41J
		Green	▶	<b>3SU1000-1BD40-0AA0</b>		1	1 unit	41J
	Latching	Black	▶	<b>3SU1000-1BA10-0AA0</b>		1	1 unit	41J
Pull to unlatch	Red	▶	<b>3SU1000-1BA20-0AA0</b>		1	1 unit	41J	
	Red "O"	▶	<b>3SU1000-1BA20-0AD0</b>		1	1 unit	41J	
	Yellow	3	<b>3SU1000-1BA30-0AA0</b>		1	1 unit	41J	
Green	5	<b>3SU1000-1BA40-0AA0</b>		1	1 unit	41J		
3SU1000-1BD40-0AA0								
	Momentary contact	Black	3	<b>3SU1000-1CD10-0AA0</b>		1	1 unit	41J
		Red	5	<b>3SU1000-1CD20-0AA0</b>		1	1 unit	41J
		Yellow	5	<b>3SU1000-1CD30-0AA0</b>		1	1 unit	41J
		Green	3	<b>3SU1000-1CD40-0AA0</b>		1	1 unit	41J
	Latching	Black	5	<b>3SU1000-1CA10-0AA0</b>		1	1 unit	41J
Pull to unlatch	Red	5	<b>3SU1000-1CA20-0AA0</b>		1	1 unit	41J	
3SU1000-1CD10-0AA0								
	Momentary contact	Red	5	<b>3SU1001-1AD20-0AA0</b>		1	1 unit	41J
		Yellow	3	<b>3SU1001-1AD30-0AA0</b>		1	1 unit	41J
		Green	3	<b>3SU1001-1AD40-0AA0</b>		1	1 unit	41J
		Blue	5	<b>3SU1001-1AD50-0AA0</b>		1	1 unit	41J
		White	3	<b>3SU1001-1AD60-0AA0</b>		1	1 unit	41J
		Clear	5	<b>3SU1001-1AD70-0AA0</b>		1	1 unit	41J
		Latching	Red	▶	<b>3SU1001-1AA20-0AA0</b>		1	1 unit
	Pull to unlatch	Yellow	3	<b>3SU1001-1AA30-0AA0</b>		1	1 unit	41J
		Green	5	<b>3SU1001-1AA40-0AA0</b>		1	1 unit	41J
		Blue	3	<b>3SU1001-1AA50-0AA0</b>		1	1 unit	41J
Clear	5	<b>3SU1001-1AA70-0AA0</b>		1	1 unit	41J		
3SU1001-1AD30-0AA0								
	Momentary contact	Yellow	3	<b>3SU1001-1BD30-0AA0</b>		1	1 unit	41J
		Green	3	<b>3SU1001-1BD40-0AA0</b>		1	1 unit	41J
		White	3	<b>3SU1001-1BD60-0AA0</b>		1	1 unit	41J
		Clear	3	<b>3SU1001-1BD70-0AA0</b>		1	1 unit	41J
	Latching	Red	▶	<b>3SU1001-1BA20-0AA0</b>		1	1 unit	41J
		Yellow	3	<b>3SU1001-1BA30-0AA0</b>		1	1 unit	41J
		Green	5	<b>3SU1001-1BA40-0AA0</b>		1	1 unit	41J
		Blue	3	<b>3SU1001-1BA50-0AA0</b>		1	1 unit	41J
		Clear	5	<b>3SU1001-1BA70-0AA0</b>		1	1 unit	41J
		Pull to unlatch	Red	▶	<b>3SU1001-1BA20-0AA0</b>		1	1 unit
3SU1001-1BA50-0AA0								
	With positive latching, tamper-proof	Black	▶	<b>3SU1000-1HB10-0AA0</b>		1	1 unit	41J
		Blue	3	<b>3SU1000-1HB50-0AA0</b>		1	1 unit	41J
		Rotate to unlatch						
3SU1000-1HB10-0AA0								
	With positive latching, tamper-proof	Black	<b>NEW</b> 5	<b>3SU1000-1HG10-0AA0</b>		1	1 unit	41J
		Key-operated release						
3SU1000-1HG10-0AA0								
	RONIS SB30							

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

**SIRIUS ACT Pushbuttons and Indicator Lights**Actuators and Indicators, 22 mm, Round, Plastic, Black  
Actuating and Signaling Elements**EMERGENCY STOP mushroom pushbuttons****Selection and ordering data**

Version of actuating element	Outer diameter of mushroom mm	Color	SD	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
<b>EMERGENCY STOP mushroom pushbuttons, in accordance with ISO 13850 and IEC 60947-5-5</b>								
<b>With pull-to-unlatch mechanism</b>								
 3SU1000-1HA20-0AA0	Tamper-proof, 2 positions 40	Red	▶	<b>3SU1000-1HA20-0AA0</b>		1	1 unit	41J
<b>With rotate-to-unlatch mechanism</b>								
 3SU1000-1GB20-0AA0	Tamper-proof, 2 positions 33.8	Red	▶	<b>3SU1000-1GB20-0AA0</b>		1	1 unit	41J
 3SU1000-1HB20-0AA0	40	Red	▶	<b>3SU1000-1HB20-0AA0</b>		1	1 unit	41J
 3SU1000-1JB20-0AA0	60	Red	▶	<b>3SU1000-1JB20-0AA0</b>		1	1 unit	41J
 3SU1000-1LB20-0AA0	2 positions 40	Red	<b>NEW</b> ▶	<b>3SU1000-1LB20-0AA0</b>		1	1 unit	41J
<b>With rotate-to-unlatch mechanism, can be illuminated</b>								
 3SU1001-1GB20-0AA0	Tamper-proof, 2 positions 33.8	Red	▶	<b>3SU1001-1GB20-0AA0</b>		1	1 unit	41J
	40	Red	▶	<b>3SU1001-1HB20-0AA0</b>		1	1 unit	41J
	60	Red	▶	<b>3SU1001-1JB20-0AA0</b>		1	1 unit	41J

## SIRIUS ACT Pushbuttons and Indicator Lights

### Actuators and Indicators, 22 mm, Round, Plastic, Black

### Actuating and Signaling Elements

#### EMERGENCY STOP mushroom pushbuttons / toggle switches

Version of actuating element	Outer diameter of mushroom mm	Make of lock	Color	Number of keys	SD	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
<b>EMERGENCY STOP mushroom pushbuttons, in accordance with ISO 13850 and IEC 60947-5-5</b>										
<b>With key-operated release</b>										
	Tamper-proof, 2 positions	RONIS SB30	Red	2	▶	<b>3SU1000-1HF20-0AA0</b>		1	1 unit	41J
		RONIS 455	Red	2	3	<b>3SU1000-1HG20-0AA0</b>		1	1 unit	41J
		BKS S1	Red	2	▶	<b>3SU1000-1HK20-0AA0</b>		1	1 unit	41J
		BKS E7	Red	0	3	<b>3SU1000-1HM20-0AA0</b>		1	1 unit	41J
		BKS E9	Red	0	3	<b>3SU1000-1HN20-0AA0</b>		1	1 unit	41J
		O.M.R. 73037	Red	2	▶	<b>3SU1000-1HQ20-0AA0</b>		1	1 unit	41J
		CES SSG10	Red	2	▶	<b>3SU1000-1HR20-0AA0</b>		1	1 unit	41J
		CES SSP9	Red	2	▶	<b>3SU1000-1HS20-0AA0</b>		1	1 unit	41J
		CES SMS1	Red	2	3	<b>3SU1000-1HT20-0AA0</b>		1	1 unit	41J

#### Selection and ordering data

Number of switching positions	Number of command points	Color of actuating element	Operating principle of the actuating element	SD	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	
<b>Toggle switches</b>										
	2	1	Black	Latching	3	<b>3SU1000-3EA10-0AA0</b>		1	1 unit	41J
				Momentary contact, reset from above	3	<b>3SU1000-3EC10-0AA0</b>		1	1 unit	41J

**SIRIUS ACT Pushbuttons and Indicator Lights**Actuators and Indicators, 22 mm, Round, Plastic, Black  
Actuating and Signaling Elements**Selector switches****Selection and ordering data**

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

## SIRIUS ACT Pushbuttons and Indicator Lights

### Actuators and Indicators, 22 mm, Round, Plastic, Black

#### Actuating and Signaling Elements

## Selector switches

Version of actuating element	Operating principle	Color	SD	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
<b>Selector switches</b>								
<b>3 switch positions, can be illuminated</b>								
 3SU1002-2BM20-0AA0	Selector, short black actuator  Momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from left + right  	Black	▶	<b>3SU1002-2BM10-0AA0</b>	1	1 unit	41J	
		Red	▶	<b>3SU1002-2BM20-0AA0</b>	1	1 unit	41J	
		Yellow	▶	<b>3SU1002-2BM30-0AA0</b>	1	1 unit	41J	
		Green	▶	<b>3SU1002-2BM40-0AA0</b>	1	1 unit	41J	
		Blue	▶	<b>3SU1002-2BM50-0AA0</b>	1	1 unit	41J	
		White	▶	<b>3SU1002-2BM60-0AA0</b>	1	1 unit	41J	
 3SU1002-2BL60-0AA0	Latching, 2x45° (10:30/12/1:30 o'clock)  	Black	▶	<b>3SU1002-2BL10-0AA0</b>	1	1 unit	41J	
		Red	▶	<b>3SU1002-2BL20-0AA0</b>	1	1 unit	41J	
		Yellow	▶	<b>3SU1002-2BL30-0AA0</b>	1	1 unit	41J	
		Green	▶	<b>3SU1002-2BL40-0AA0</b>	1	1 unit	41J	
		Blue	▶	<b>3SU1002-2BL50-0AA0</b>	1	1 unit	41J	
		White	▶	<b>3SU1002-2BL60-0AA0</b>	1	1 unit	41J	
 3SU1002-2BP50-0AA0	Momentary contact/latching, 2x45° (10:30/12/1:30 o'clock), reset from left, latching to the right  	Black	▶	<b>3SU1002-2BP10-0AA0</b>	1	1 unit	41J	
		Red	5	<b>3SU1002-2BP20-0AA0</b>	1	1 unit	41J	
		Yellow	▶	<b>3SU1002-2BP30-0AA0</b>	1	1 unit	41J	
		Green	▶	<b>3SU1002-2BP40-0AA0</b>	1	1 unit	41J	
		Blue	▶	<b>3SU1002-2BP50-0AA0</b>	1	1 unit	41J	
		White	▶	<b>3SU1002-2BP60-0AA0</b>	1	1 unit	41J	
 3SU1002-2BN30-0AA0	Latching/momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from right, latching to the left  	Black	▶	<b>3SU1002-2BN10-0AA0</b>	1	1 unit	41J	
		Red	▶	<b>3SU1002-2BN20-0AA0</b>	1	1 unit	41J	
		Yellow	▶	<b>3SU1002-2BN30-0AA0</b>	1	1 unit	41J	
		Green	▶	<b>3SU1002-2BN40-0AA0</b>	1	1 unit	41J	
		Blue	▶	<b>3SU1002-2BN50-0AA0</b>	1	1 unit	41J	
		White	▶	<b>3SU1002-2BN60-0AA0</b>	1	1 unit	41J	
 3SU1000-2AS60-0AA0	Rotary knob  Latching, 4x90° (3/6/9/12 o'clock)  	White	▶	<b>3SU1000-2AS60-0AA0</b>	1	1 unit	41J	

## SIRIUS ACT Pushbuttons and Indicator Lights

Actuators and Indicators, 22 mm, Round, Plastic, Black  
Actuating and Signaling Elements

### Key-operated switches

#### Selection and ordering data

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

##### 2 switch positions



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



RONIS, SB30	O	2	▶	<b>3SU1000-4BC01-0AA0</b>	1	1 unit	41J
RONIS, 455	O	2	5	<b>3SU1000-4CC01-0AA0</b>	1	1 unit	41J
O.M.R. 73037, red	O	2	3	<b>3SU1000-4FC01-0AA0</b>	1	1 unit	41J
O.M.R. 73038, light blue	O	2	3	<b>3SU1000-4GC01-0AA0</b>	1	1 unit	41J
O.M.R. 73034, black	O	2	3	<b>3SU1000-4HC01-0AA0</b>	1	1 unit	41J
O.M.R. 73033, yellow	O	2	3	<b>3SU1000-4JC01-0AA0</b>	1	1 unit	41J
CES, SSG10	O	2	▶	<b>3SU1000-5BC01-0AA0</b>	1	1 unit	41J
CES, LSG1		2	3	<b>3SU1000-5HC01-0AA0</b>	1	1 unit	41J
BKS, S1	O	2	▶	<b>3SU1000-5PC01-0AA0</b>	1	1 unit	41J
IKON, 360012K1	O	2	▶	<b>3SU1000-5XC01-0AA0</b>	1	1 unit	41J



Latching, 90° (10:30/1:30 o'clock)



RONIS, SB30	O	2	▶	<b>3SU1000-4BF01-0AA0</b>	1	1 unit	41J
	O+l	2	▶	<b>3SU1000-4BF11-0AA0</b>	1	1 unit	41J
	l	2	▶	<b>3SU1000-4BF21-0AA0</b>	1	1 unit	41J
RONIS, 455	O	2	3	<b>3SU1000-4CF01-0AA0</b>	1	1 unit	41J
	O+l	2	3	<b>3SU1000-4CF11-0AA0</b>	1	1 unit	41J
RONIS, 421	O+l	2	5	<b>3SU1000-4DF11-0AA0</b>	1	1 unit	41J



O.M.R. 73037, red	O	2	3	<b>3SU1000-4FF01-0AA0</b>	1	1 unit	41J
	O+l	2	3	<b>3SU1000-4FF11-0AA0</b>	1	1 unit	41J
O.M.R. 73038, light blue	O	2	▶	<b>3SU1000-4GF01-0AA0</b>	1	1 unit	41J
	O+l	2	3	<b>3SU1000-4GF11-0AA0</b>	1	1 unit	41J
O.M.R. 73034, black	O	2	3	<b>3SU1000-4HF01-0AA0</b>	1	1 unit	41J
	O+l	2	3	<b>3SU1000-4HF11-0AA0</b>	1	1 unit	41J
	l	2	5	<b>3SU1000-4HF21-0AA0</b>	1	1 unit	41J
O.M.R. 73033, yellow	O	2	3	<b>3SU1000-4JF01-0AA0</b>	1	1 unit	41J
	O+l	2	3	<b>3SU1000-4JF11-0AA0</b>	1	1 unit	41J



CES, SSG10	O	2	▶	<b>3SU1000-5BF01-0AA0</b>	1	1 unit	41J
	O+l	2	▶	<b>3SU1000-5BF11-0AA0</b>	1	1 unit	41J
	l	2	▶	<b>3SU1000-5BF21-0AA0</b>	1	1 unit	41J
CES, SSG10 with key monitoring	O	2	<b>NEW</b> ▶	<b>3SU1000-5JF01-0AA0</b>	1	1 unit	41J
CES, LSG1	O	2	▶	<b>3SU1000-5HF01-0AA0</b>	1	1 unit	41J
	O+l	2	▶	<b>3SU1000-5HF11-0AA0</b>	1	1 unit	41J



BKS, S1	O	2	▶	<b>3SU1000-5PF01-0AA0</b>	1	1 unit	41J
	O+l	2	▶	<b>3SU1000-5PF11-0AA0</b>	1	1 unit	41J
	l	2	3	<b>3SU1000-5PF21-0AA0</b>	1	1 unit	41J
BKS, E1	O	0	3	<b>3SU1000-5QF01-0AA0</b>	1	1 unit	41J
	O+l	0	3	<b>3SU1000-5QF11-0AA0</b>	1	1 unit	41J
BKS, E2	O	0	▶	<b>3SU1000-5RF01-0AA0</b>	1	1 unit	41J
	O+l	0	3	<b>3SU1000-5RF11-0AA0</b>	1	1 unit	41J
BKS, E7	O	0	▶	<b>3SU1000-5SF01-0AA0</b>	1	1 unit	41J
	O+l	0	▶	<b>3SU1000-5SF11-0AA0</b>	1	1 unit	41J
BKS, E9	O	0	▶	<b>3SU1000-5TF01-0AA0</b>	1	1 unit	41J
	O+l	0	3	<b>3SU1000-5TF11-0AA0</b>	1	1 unit	41J
IKON, 360012K1	O	2	▶	<b>3SU1000-5XF01-0AA0</b>	1	1 unit	41J
	O+l	2	▶	<b>3SU1000-5XF11-0AA0</b>	1	1 unit	41J

## SIRIUS ACT Pushbuttons and Indicator Lights

### Actuators and Indicators, 22 mm, Round, Plastic, Black

#### Actuating and Signaling Elements

#### Key-operated switches

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

#### 3 switch positions



3SU1000-4BM01-0AA0

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



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



3SU1000-4FL01-0AA0



3SU1000-5BL01-0AA0



3SU1000-5JL01-0AA0

	RONIS, SB30	O	2	▶	<b>3SU1000-4BM01-0AA0</b>		1	1 unit	41J
	O.M.R. 73037, red	O	2	5	<b>3SU1000-4FM01-0AA0</b>		1	1 unit	41J
	O.M.R. 73034, black	O	2	5	<b>3SU1000-4HM01-0AA0</b>		1	1 unit	41J
	CES, SSG10	O	2	▶	<b>3SU1000-5BM01-0AA0</b>		1	1 unit	41J
	BKS, S1	O	2	3	<b>3SU1000-5PM01-0AA0</b>		1	1 unit	41J
	IKON, 360012K1	O	2	3	<b>3SU1000-5XM01-0AA0</b>		1	1 unit	41J
	RONIS, SB30	O	2	3	<b>3SU1000-4BL01-0AA0</b>		1	1 unit	41J
		I+O+II	2	▶	<b>3SU1000-4BL11-0AA0</b>		1	1 unit	41J
		I	2	5	<b>3SU1000-4BL21-0AA0</b>		1	1 unit	41J
		II	2	3	<b>3SU1000-4BL31-0AA0</b>		1	1 unit	41J
		I+II	2	3	<b>3SU1000-4BL41-0AA0</b>		1	1 unit	41J
		O+I	2	3	<b>3SU1000-4BL51-0AA0</b>		1	1 unit	41J
	RONIS, 455	O	2	5	<b>3SU1000-4CL01-0AA0</b>		1	1 unit	41J
		I+O+II	2	3	<b>3SU1000-4CL11-0AA0</b>		1	1 unit	41J
	O.M.R. 73037, red	O	2	5	<b>3SU1000-4FL01-0AA0</b>		1	1 unit	41J
		O+I	2	5	<b>3SU1000-4FL51-0AA0</b>		1	1 unit	41J
	O.M.R. 73038, light blue	O	2	3	<b>3SU1000-4GL01-0AA0</b>		1	1 unit	41J
		I+O+II	2	3	<b>3SU1000-4GL11-0AA0</b>		1	1 unit	41J
	O.M.R. 73034, black	O	2	5	<b>3SU1000-4HL01-0AA0</b>		1	1 unit	41J
		I+O+II	2	3	<b>3SU1000-4HL11-0AA0</b>		1	1 unit	41J
	O.M.R. 73033, yellow	I+O+II	2	5	<b>3SU1000-4JL11-0AA0</b>		1	1 unit	41J
	CES, SSG10	O	2	▶	<b>3SU1000-5BL01-0AA0</b>		1	1 unit	41J
		I+O+II	2	▶	<b>3SU1000-5BL11-0AA0</b>		1	1 unit	41J
		I	2	3	<b>3SU1000-5BL21-0AA0</b>		1	1 unit	41J
		II	2	▶	<b>3SU1000-5BL31-0AA0</b>		1	1 unit	41J
		I+II	2	3	<b>3SU1000-5BL41-0AA0</b>		1	1 unit	41J
		O+I	2	3	<b>3SU1000-5BL51-0AA0</b>		1	1 unit	41J
	CES, SSG10 with key monitoring	O	2	<b>NEW</b> 3	<b>3SU1000-5JL01-0AA0</b>		1	1 unit	41J
	BKS, S1	O	2	3	<b>3SU1000-5PL01-0AA0</b>		1	1 unit	41J
		I+O+II	2	3	<b>3SU1000-5PL11-0AA0</b>		1	1 unit	41J
		I	2	3	<b>3SU1000-5PL21-0AA0</b>		1	1 unit	41J
		II	2	3	<b>3SU1000-5PL31-0AA0</b>		1	1 unit	41J
		I+II	2	3	<b>3SU1000-5PL41-0AA0</b>		1	1 unit	41J
	BKS, E2	I+O+II	0	5	<b>3SU1000-5RL11-0AA0</b>		1	1 unit	41J
	BKS, E9	I+O+II	0	3	<b>3SU1000-5TL11-0AA0</b>		1	1 unit	41J
	IKON, 360012K1	O	2	3	<b>3SU1000-5XL01-0AA0</b>		1	1 unit	41J
		I+O+II	2	3	<b>3SU1000-5XL11-0AA0</b>		1	1 unit	41J

**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**

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

<b>3 switch positions</b>											
	Momentary contact/ latching, 2x45° (10:30/12/1:30 o'clock), reset from left, latching to the right	RONIS, SB30	O	2	3	<b>3SU1000-4BP01-0AA0</b>	1	1 unit	41J		
			II	2	3	<b>3SU1000-4BP31-0AA0</b>	1	1 unit	41J		
			O+II	2	3	<b>3SU1000-4BP61-0AA0</b>	1	1 unit	41J		
		CES, SSG10	O	2	3	<b>3SU1000-5BP01-0AA0</b>	1	1 unit	41J		
			II	2	5	<b>3SU1000-5BP31-0AA0</b>	1	1 unit	41J		
			O+II	2	3	<b>3SU1000-5BP61-0AA0</b>	1	1 unit	41J		
		BKS, S1	O	2	3	<b>3SU1000-5PP01-0AA0</b>	1	1 unit	41J		
	Latching/ momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from right, latching to the left	RONIS, SB30	O	2	3	<b>3SU1000-4BN01-0AA0</b>	1	1 unit	41J		
			I	2	3	<b>3SU1000-4BN21-0AA0</b>	1	1 unit	41J		
			O+I	2	3	<b>3SU1000-4BN51-0AA0</b>	1	1 unit	41J		
		O.M.R. 73038, light blue O.M.R. 73034, black	O	2	5	<b>3SU1000-4GN01-0AA0</b>	1	1 unit	41J		
				I	2	5	<b>3SU1000-4HN21-0AA0</b>	1	1 unit	41J	
		CES, SSG10	O	2	3	<b>3SU1000-5BN01-0AA0</b>	1	1 unit	41J		
				I	2	3	<b>3SU1000-5BN21-0AA0</b>	1	1 unit	41J	
				O+I	2	3	<b>3SU1000-5BN51-0AA0</b>	1	1 unit	41J	
	BKS, S1	I	2	5	<b>3SU1000-5PN21-0AA0</b>	1	1 unit	41J			
			O+I	2	3	<b>3SU1000-5PN51-0AA0</b>	1	1 unit	41J		
		IKON, 360012K1	O+I	2	5	<b>3SU1000-5XN51-0AA0</b>	1	1 unit	41J		

**Selection and ordering data**

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

<b>4 switch positions</b>									
	45°	Latching	Key removal possible in all 4 positions	Black	▶	<b>3SU1000-4WS10-0AA0</b>	1	1 unit	41J

3SU1000-4WS10-0AA0

For ID keys, see page 13/139.

For electronic modules for ID key-operated switches, see page 13/98.

## 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

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

## Selection and ordering data

Type of product	Color	SD	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
<b>Indicator lights</b>							
 3SU1001-6AA40-0AA0	With smooth lens	Amber	▶	<b>3SU1001-6AA00-0AA0</b>	1	1 unit	41J
		Red	▶	<b>3SU1001-6AA20-0AA0</b>	1	1 unit	41J
		Yellow	▶	<b>3SU1001-6AA30-0AA0</b>	1	1 unit	41J
		Green	▶	<b>3SU1001-6AA40-0AA0</b>	1	1 unit	41J
		Blue	▶	<b>3SU1001-6AA50-0AA0</b>	1	1 unit	41J
		White	▶	<b>3SU1001-6AA60-0AA0</b>	1	1 unit	41J
		Clear	▶	<b>3SU1001-6AA70-0AA0</b>	1	1 unit	41J
		<b>Indicator lights in illuminated pushbutton design</b>					
 3SU1001-0AD50-0AA0	--	Red	▶	<b>3SU1001-0AD20-0AA0</b>	1	1 unit	41J
		Yellow	▶	<b>3SU1001-0AD30-0AA0</b>	1	1 unit	41J
		Green	▶	<b>3SU1001-0AD40-0AA0</b>	1	1 unit	41J
		Blue	▶	<b>3SU1001-0AD50-0AA0</b>	1	1 unit	41J
		Clear	▶	<b>3SU1001-0AD70-0AA0</b>	1	1 unit	41J

## SIRIUS ACT Pushbuttons and Indicator Lights

Actuators and Indicators, 22 mm, Plastic with Metal Front Ring, Matte Complete Units

### Pushbuttons

#### Selection and ordering data

Supply voltage for light source		Color	Number of			SD	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		

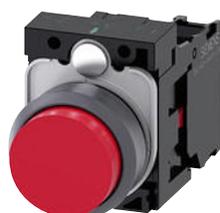
#### Pushbuttons



3SU1130-0AB10-1BA0

#### Pushbuttons with flat button, momentary contact

--	--	Black	1	1	0	▶	3SU1130-0AB10-1BA0	1	1 unit	41J
			0	0	1	3	3SU1130-0AB10-1CA0	1	1 unit	41J
			1	1	1	▶	3SU1130-0AB10-1FA0	1	1 unit	41J
		Red	1	1	0	5	3SU1130-0AB20-1BA0	1	1 unit	41J
				0	1	▶	3SU1130-0AB20-1CA0	1	1 unit	41J
				1	1	▶	3SU1130-0AB20-1FA0	1	1 unit	41J
		Yellow	1	1	0	5	3SU1130-0AB30-1BA0	1	1 unit	41J
				1	1	5	3SU1130-0AB30-1FA0	1	1 unit	41J
		Green	1	1	0	▶	3SU1130-0AB40-1BA0	1	1 unit	41J
				1	1	▶	3SU1130-0AB40-1FA0	1	1 unit	41J
		Blue	1	1	0	3	3SU1130-0AB50-1BA0	1	1 unit	41J
				1	1	5	3SU1130-0AB50-1FA0	1	1 unit	41J
		White	1	1	0	3	3SU1130-0AB60-1BA0	1	1 unit	41J
				1	1	5	3SU1130-0AB60-1FA0	1	1 unit	41J



3SU1130-0BB20-1CA0

#### Pushbuttons with raised button, momentary contact

--	--	Red	1	0	1	5	3SU1130-0BB20-1CA0	1	1 unit	41J
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3SU1132-0AB40-1BA0

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

24	24	Red	1	1	0	5	3SU1132-0AB20-1BA0	1	1 unit	41J
				0	1	3	3SU1132-0AB20-1CA0	1	1 unit	41J
				1	1	3	3SU1132-0AB20-1FA0	1	1 unit	41J
		Yellow	1	1	0	3	3SU1132-0AB30-1BA0	1	1 unit	41J
				1	1	5	3SU1132-0AB30-1FA0	1	1 unit	41J
		Green	1	1	0	▶	3SU1132-0AB40-1BA0	1	1 unit	41J
				1	1	3	3SU1132-0AB40-1FA0	1	1 unit	41J
		Blue	1	1	0	3	3SU1132-0AB50-1BA0	1	1 unit	41J
				1	1	5	3SU1132-0AB50-1FA0	1	1 unit	41J
		White	1	1	0	▶	3SU1132-0AB60-1BA0	1	1 unit	41J
				1	1	3	3SU1132-0AB60-1FA0	1	1 unit	41J
		Clear	1	1	0	3	3SU1132-0AB70-1BA0	1	1 unit	41J
				1	1	5	3SU1132-0AB70-1FA0	1	1 unit	41J
110	--	Red	1	0	1	5	3SU1133-0AB20-1CA0	1	1 unit	41J
				1	1	5	3SU1133-0AB20-1FA0	1	1 unit	41J
		Yellow	1	1	0	5	3SU1133-0AB30-1BA0	1	1 unit	41J
				1	1	5	3SU1133-0AB30-1FA0	1	1 unit	41J
		Green	1	1	0	5	3SU1133-0AB40-1BA0	1	1 unit	41J
				1	1	5	3SU1133-0AB40-1FA0	1	1 unit	41J
		Blue	1	1	0	5	3SU1133-0AB50-1BA0	1	1 unit	41J
				1	1	5	3SU1133-0AB50-1FA0	1	1 unit	41J
		White	1	1	0	5	3SU1133-0AB60-1BA0	1	1 unit	41J
				1	1	5	3SU1133-0AB60-1FA0	1	1 unit	41J
		Clear	1	1	0	5	3SU1133-0AB70-1BA0	1	1 unit	41J
				1	1	5	3SU1133-0AB70-1FA0	1	1 unit	41J

## SIRIUS ACT Pushbuttons and Indicator Lights

Actuators and Indicators, 22 mm, Plastic with Metal Front Ring, Matte Complete Units

### Pushbuttons

Supply voltage for light source		Color	Number of			SD	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



3SU1136-0AB40-1BA0

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

230	--	Red	1	0	1	5	3SU1136-0AB20-1CA0	1	1 unit	41J
							3SU1136-0AB20-1FA0	1	1 unit	41J
		Yellow	1	1	0	5	3SU1136-0AB30-1BA0	1	1 unit	41J
							3SU1136-0AB30-1FA0	1	1 unit	41J
		Green	1	1	0	5	3SU1136-0AB40-1BA0	1	1 unit	41J
							3SU1136-0AB40-1FA0	1	1 unit	41J
		Blue	1	1	0	5	3SU1136-0AB50-1BA0	1	1 unit	41J
							3SU1136-0AB50-1FA0	1	1 unit	41J
		White	1	1	0	5	3SU1136-0AB60-1BA0	1	1 unit	41J
							3SU1136-0AB60-1FA0	1	1 unit	41J
		Clear	1	1	0	5	3SU1136-0AB70-1BA0	1	1 unit	41J
							3SU1136-0AB70-1FA0	1	1 unit	41J

#### Spring-type terminals



3SU1130-0AB10-3BA0

#### Pushbuttons with flat button, momentary contact

--	--	Black	1	1	0	5	3SU1130-0AB10-3BA0	1	1 unit	41J
							3SU1130-0AB10-3FA0	1	1 unit	41J
		Red	1	0	1	5	3SU1130-0AB20-3CA0	1	1 unit	41J
		Green	1	1	0	5	3SU1130-0AB40-3BA0	1	1 unit	41J
		White	1	1	1	5	3SU1130-0AB60-3FA0	1	1 unit	41J



3SU1132-0AB30-3BA0

#### Illuminated pushbuttons with flat button, momentary contact

24	24	Red	1	0	1	5	3SU1132-0AB20-3CA0	1	1 unit	41J
							3SU1132-0AB20-3FA0	1	1 unit	41J
		Yellow	1	1	0	5	3SU1132-0AB30-3BA0	1	1 unit	41J
							3SU1132-0AB30-3FA0	1	1 unit	41J
		Green	1	1	0	5	3SU1132-0AB40-3BA0	1	1 unit	41J
							3SU1132-0AB40-3FA0	1	1 unit	41J
		Blue	1	1	0	5	3SU1132-0AB50-3BA0	1	1 unit	41J
							3SU1132-0AB50-3FA0	1	1 unit	41J
		White	1	1	0	5	3SU1132-0AB60-3BA0	1	1 unit	41J
							3SU1132-0AB60-3FA0	1	1 unit	41J
		Clear	1	1	0	5	3SU1132-0AB70-3BA0	1	1 unit	41J
							3SU1132-0AB70-3FA0	1	1 unit	41J

## SIRIUS ACT Pushbuttons and Indicator Lights

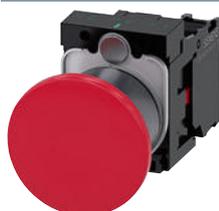
Actuators and Indicators, 22 mm, Plastic with Metal Front Ring, Matte Complete Units

### Mushroom pushbuttons / EMERGENCY STOP mushroom pushbuttons

#### Selection and ordering data

Unlatching method	Number of Contact modules	NO contacts	NC contacts	SD	Screw terminals	PU (UNIT, SET, M)	PS*	PG

#### Mushroom pushbuttons



3SU1130-1BA20-1CA0

#### With red mushroom, diameter 40 mm, latching

Pull to unlatch	1	0	1	5	3SU1130-1BA20-1CA0	1	1 unit	41J
		1	1	5		3SU1130-1BA20-1FA0	1	1 unit

#### Selection and ordering data

Unlatching method	Number of Contact modules	NO contacts	NC contacts	Marking	SD	Screw terminals	PU (UNIT, SET, M)	PS*	PG

#### EMERGENCY STOP mushroom pushbuttons, tamper-proof, in accordance with ISO 13850 and IEC 60947-5-5



3SU1100-1HA20-1CH0

#### With red mushroom, diameter 40 mm, with positive latching

Pull to unlatch	1	0	1	NOT-HALT	⊕ 5	3SU1100-1HA20-1CH0	1	1 unit	41J	
		1	1	EMERGENCY STOP	⊖ 5		3SU1100-1HA20-1FG0	1	1 unit	41J
		1	1	NOT-HALT	⊖ 5		3SU1100-1HA20-1FH0	1	1 unit	41J
Rotate to unlatch	1	0	1	None	⊕ 5	3SU1100-1HB20-1CF0	1	1 unit	41J	
		0	1	EMERGENCY STOP	⊖ 5		3SU1100-1HB20-1CG0	1	1 unit	41J
		0	1	NOT-HALT	⊕ ▶		3SU1100-1HB20-1CH0	1	1 unit	41J
		0	2	EMERGENCY STOP	⊖ 5		3SU1100-1HB20-1PG0	1	1 unit	41J
		0	1	ARRET D'URGENCE	⊕ 5		3SU1100-1HB20-1CJ0	1	1 unit	41J
		1	1	EMERGENCY STOP	⊖ 5		3SU1100-1HB20-1FG0	1	1 unit	41J
Rotate to unlatch	1	1	1	NOT-HALT	⊕ ▶	3SU1100-1HB20-1FH0	1	1 unit	41J	
		1	1	ARRET D'URGENCE	⊖ 5		3SU1100-1HB20-1FJ0	1	1 unit	41J



3SU1100-1HB20-1CH0

#### Spring-type terminals

Rotate to unlatch	1	0	1	NOT-HALT	⊕ 5	3SU1100-1HB20-3CH0	1	1 unit	41J
		1	1	NOT-HALT	⊖ 5		3SU1100-1HB20-3FH0	1	1 unit

#### EMERGENCY STOP mushroom pushbuttons, in accordance with ISO 13850 and IEC 60947-5-5 **NEW**



3SU1100-1LB20-1PH0

#### With red mushroom, diameter 40 mm

Rotate to unlatch	2	0	2	NOT-HALT	5	Spring-type terminals	1	1 unit	41J
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⊕ Positive opening according to IEC 60947-5-1, Annex K.  
Can be used with 3SK11 safety relays or the 3RK3 Modular Safety System, see page 11/1 onwards.  
Certificate:



# SIRIUS ACT Pushbuttons and Indicator Lights

## Actuators and Indicators, 22 mm, Plastic with Metal Front Ring, Matte Complete Units

Selector switches

## Selection and ordering data

Operating principle	Color	Number of			SD	Screw terminals	PU (UNIT, SET, M)	PS*	PG
		Contact modules	NO contacts	NC contacts					
						Article No.	Price per PU		

## Selector switches



3SU1130-2BF60-1BA0

**Short black actuator, 2 switch positions, can be illuminated**

Latching, 90°	White	1	1	0	▶	<b>3SU1130-2BF60-1BA0</b>	1	1 unit	41J
			1	1	▶	<b>3SU1130-2BF60-1MA0</b>	1	1 unit	41J

**Short black actuator, 3 switch positions, can be illuminated**

Momentary contact, 2x45°	White	2	2	2	5	<b>3SU1130-2BM60-1LA0</b>	1	1 unit	41J
			2	0	3	<b>3SU1130-2BM60-1NA0</b>	1	1 unit	41J



3SU1130-2BL60-1NA0

Latching, 2x45°	White	2	2	2	3	<b>3SU1130-2BL60-1LA0</b>	1	1 unit	41J
			2	0	▶	<b>3SU1130-2BL60-1NA0</b>	1	1 unit	41J

**Spring-type terminals****Short black actuator, 2 switch positions, can be illuminated**

Latching, 90°	White	1	1	0	5	<b>3SU1130-2BF60-3BA0</b>	1	1 unit	41J
			1	1	5	<b>3SU1130-2BF60-3MA0</b>	1	1 unit	41J

**Short black actuator, 3 switch positions, can be illuminated**

Momentary contact, 2x45°	White	2	2	0	5	<b>3SU1130-2BM60-3NA0</b>	1	1 unit	41J

Latching, 2x45°	White	2	2	2	5	<b>3SU1130-2BL60-3LA0</b>	1	1 unit	41J
			2	0	5	<b>3SU1130-2BL60-3NA0</b>	1	1 unit	41J

## SIRIUS ACT Pushbuttons and Indicator Lights

Actuators and Indicators, 22 mm, Plastic with Metal Front Ring, Matte Complete Units

### Key-operated switches / coordinate switches

#### Selection and ordering data

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

#### Key-operated switches

 <p>3SU1130-4BF11-1BA0</p>	<b>With RONIS lock, SB30, 2 switch positions</b>									
	Latching, 90° (10:30/1:30 o'clock)	O+I	1	1	0	2	3	<b>3SU1130-4BF11-1BA0</b> <b>3SU1130-4BF11-1FA0</b>	1	1 unit
 <p>3SU1130-4BL11-1NA0</p>	<b>With RONIS lock, SB30, 3 switch positions</b>									
Latching, 2x45° (10:30/12:30 o'clock)	I+O+II	2	2	0	2	5	<b>3SU1130-4BL11-1NA0</b>	1	1 unit	41J
								<b>Spring-type terminals</b>		
 <p>3SU1130-4BF11-3BA0</p>	<b>With RONIS lock, SB30, 2 switch positions</b>									
	Latching, 90° (10:30/1:30 o'clock)	O+I	1	1	0	2	5	<b>3SU1130-4BF11-3BA0</b>	1	1 unit

#### Selection and ordering data

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

#### Coordinate switches

 <p>3SU1130-7AE10-1QA0</p>	<b>Without mechanical interlock, 2 switch positions</b>									
	2	Momentary contact	Horizontal	5	<b>3SU1130-7AC10-1NA0</b> <b>3SU1130-7AD10-1NA0</b>	1	1 unit	41J		
			Vertical	5		1	1 unit	41J		
	2	Latching	Horizontal	5	<b>3SU1130-7AA10-1NA0</b> <b>3SU1130-7AB10-1NA0</b>	1	1 unit	41J		
			Vertical	5		1	1 unit	41J		
	<b>Without mechanical interlock, 4 switch positions</b>									
4	Momentary contact	Horizontal / Vertical	5	<b>3SU1130-7AF10-1QA0</b>	1	1 unit	41J			
		Latching	Horizontal / Vertical		5	1	1 unit	41J		
<b>With mechanical interlock, 2 switch positions</b>										
2	Momentary contact	Horizontal	5	<b>3SU1130-7BC10-1NA0</b> <b>3SU1130-7BD10-1NA0</b>	1	1 unit	41J			
		Vertical	5		1	1 unit	41J			
2	Latching	Horizontal	5	<b>3SU1130-7BA10-1NA0</b> <b>3SU1130-7BB10-1NA0</b>	1	1 unit	41J			
		Vertical	5		1	1 unit	41J			
<b>With mechanical interlock, 4 switch positions</b>										
4	Momentary contact	Horizontal / Vertical	5	<b>3SU1130-7BF10-1QA0</b>	1	1 unit	41J			
		Latching	Horizontal / Vertical		5	1	1 unit	41J		
 <p>3SU1130-7BE10-1QA0</p>										

## SIRIUS ACT Pushbuttons and Indicator Lights

Actuators and Indicators, 22 mm, Plastic with Metal Front Ring, Matte Complete Units

Indicator lights

## Selection and ordering data

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

## Indicator lights

**With smooth lens and integrated LED**

	3SU1102-6AA30-1AA0	24	24	Red	Red	▶	<b>3SU1102-6AA20-1AA0</b>	1	1 unit	41J		
				Yellow	Yellow	▶	<b>3SU1102-6AA30-1AA0</b>	1	1 unit	41J		
				Green	Green	▶	<b>3SU1102-6AA40-1AA0</b>	1	1 unit	41J		
				Blue	Blue	▶	<b>3SU1102-6AA50-1AA0</b>	1	1 unit	41J		
				White	White	▶	<b>3SU1102-6AA60-1AA0</b>	1	1 unit	41J		
				Clear	White	▶	<b>3SU1102-6AA70-1AA0</b>	1	1 unit	41J		
			3SU1106-6AA50-1AA0	110	--	Amber	Amber	5	<b>3SU1103-6AA00-1AA0</b>	1	1 unit	41J
				Red	Red	▶	<b>3SU1103-6AA20-1AA0</b>	1	1 unit	41J		
				Yellow	Yellow	▶	<b>3SU1103-6AA30-1AA0</b>	1	1 unit	41J		
				Green	Green	▶	<b>3SU1103-6AA40-1AA0</b>	1	1 unit	41J		
				Blue	Blue	▶	<b>3SU1103-6AA50-1AA0</b>	1	1 unit	41J		
				White	White	▶	<b>3SU1103-6AA60-1AA0</b>	1	1 unit	41J		
				Clear	White	▶	<b>3SU1103-6AA70-1AA0</b>	1	1 unit	41J		
	3SU1106-6AA50-1AA0	230	--	Amber	Amber	5	<b>3SU1106-6AA00-1AA0</b>	1	1 unit	41J		
				Red	Red	▶	<b>3SU1106-6AA20-1AA0</b>	1	1 unit	41J		
				Yellow	Yellow	▶	<b>3SU1106-6AA30-1AA0</b>	1	1 unit	41J		
				Green	Green	▶	<b>3SU1106-6AA40-1AA0</b>	1	1 unit	41J		
				Blue	Blue	▶	<b>3SU1106-6AA50-1AA0</b>	1	1 unit	41J		
				White	White	▶	<b>3SU1106-6AA60-1AA0</b>	1	1 unit	41J		
				Clear	White	▶	<b>3SU1106-6AA70-1AA0</b>	1	1 unit	41J		
		<b>Spring-type terminals</b>										
			3SU1102-6AA40-3AA0	24	24	Red	Red	3	<b>3SU1102-6AA20-3AA0</b>	1	1 unit	41J
						Yellow	Yellow	5	<b>3SU1102-6AA30-3AA0</b>	1	1 unit	41J
				Green	Green	3	<b>3SU1102-6AA40-3AA0</b>	1	1 unit	41J		
				Blue	Blue	5	<b>3SU1102-6AA50-3AA0</b>	1	1 unit	41J		
				White	White	3	<b>3SU1102-6AA60-3AA0</b>	1	1 unit	41J		
				Clear	White	5	<b>3SU1102-6AA70-3AA0</b>	1	1 unit	41J		
	3SU1106-6AA60-3AA0			110	--	Red	Red	5	<b>3SU1103-6AA20-3AA0</b>	1	1 unit	41J
				Yellow	Yellow	5	<b>3SU1103-6AA30-3AA0</b>	1	1 unit	41J		
				Green	Green	5	<b>3SU1103-6AA40-3AA0</b>	1	1 unit	41J		
				Blue	Blue	5	<b>3SU1103-6AA50-3AA0</b>	1	1 unit	41J		
				White	White	5	<b>3SU1103-6AA60-3AA0</b>	1	1 unit	41J		
				Clear	White	5	<b>3SU1103-6AA70-3AA0</b>	1	1 unit	41J		
			3SU1106-6AA60-3AA0	230	--	Red	Red	5	<b>3SU1106-6AA20-3AA0</b>	1	1 unit	41J
				Yellow	Yellow	5	<b>3SU1106-6AA30-3AA0</b>	1	1 unit	41J		

**SIRIUS ACT Pushbuttons and Indicator Lights**

Actuators and Indicators, 22 mm, Plastic with Metal Front Ring, Matte Compact Units

## Indicator lights

## Selection and ordering data

	Operational voltage		Color of actuating element	Color of light source	SD	Screw terminals 	PU (UNIT, SET, M)	PS*	PG	
	at AC, rated value	at DC, rated value								
	V	V			d	Article No.	Price per PU			
<b>Indicator lights <i>NEW</i></b>										
	24	24	Amber	Amber	3	<b>3SU1201-6AB00-1AA0</b>		1	1 unit	41J
			Red	Red	▶	<b>3SU1201-6AB20-1AA0</b>				
			Yellow	Yellow	▶	<b>3SU1201-6AB30-1AA0</b>				
			Green	Green	▶	<b>3SU1201-6AB40-1AA0</b>				
			Blue	Blue	3	<b>3SU1201-6AB50-1AA0</b>				
			White	White	▶	<b>3SU1201-6AB60-1AA0</b>				
			Clear	Clear	▶	<b>3SU1201-6AB70-1AA0</b>				
			3SU1201-6AB50-1AA0							
	110	110	Amber	Amber	5	<b>3SU1201-6AC00-1AA0</b>		1	1 unit	41J
			Red	Red	3	<b>3SU1201-6AC20-1AA0</b>				
			Yellow	Yellow	3	<b>3SU1201-6AC30-1AA0</b>				
			Green	Green	3	<b>3SU1201-6AC40-1AA0</b>				
			Blue	Blue	5	<b>3SU1201-6AC50-1AA0</b>				
			White	White	3	<b>3SU1201-6AC60-1AA0</b>				
			Clear	Clear	5	<b>3SU1201-6AC70-1AA0</b>				
			3SU1201-6AC30-1AA0							
	230	230	Amber	Amber	5	<b>3SU1201-6AF00-1AA0</b>		1	1 unit	41J
			Red	Red	3	<b>3SU1201-6AF20-1AA0</b>				
			Yellow	Yellow	3	<b>3SU1201-6AF30-1AA0</b>				
			Green	Green	3	<b>3SU1201-6AF40-1AA0</b>				
			Blue	Blue	5	<b>3SU1201-6AF50-1AA0</b>				
			White	White	3	<b>3SU1201-6AF60-1AA0</b>				
			Clear	Clear	5	<b>3SU1201-6AF70-1AA0</b>				
			3SU1201-6AF30-1AA0							
<b>Indicator lights with "traffic light" LED</b>										
	6 ... 24	6 ... 24	Clear	Red/Yellow/ Green	▶	<b>3SU1201-6AG24-1AA0</b>		1	1 unit	41J
	110	--	Clear	Red/Yellow/ Green	▶	<b>3SU1201-6AC24-1AA0</b>				
	230	--	Clear	Red/Yellow/ Green	▶	<b>3SU1201-6AF24-1AA0</b>				
3SU1201-6AG24-1AA0										

## SIRIUS ACT Pushbuttons and Indicator Lights

### Actuators and Indicators, 22 mm, Plastic with Metal Front Ring, Matte Compact Units

Acoustic signaling devices / sensor switches

#### Selection and ordering data

Operational voltage		Volume level	SD	Screw terminals	⊕	PU (UNIT, SET, M)	PS*	PG
at AC, rated value	at DC, rated value							
V	V	dB	d	Article No.	Price per PU			

#### Acoustic signaling devices



3SU1200-6KB10-1AA0

24	24	90	5	3SU1200-6KB10-1AA0		1	1 unit	41J	
110	--	90	5			3SU1200-6KC10-1AA0	1	1 unit	41J
230	--	90	5			3SU1200-6KF10-1AA0	1	1 unit	41J

#### Selection and ordering data

Operating principle	Number of NO contacts	Number of NC contacts	Color	SD	M12 connector, 4-pole	⊕	PU (UNIT, SET, M)	PS*	PG
				d	Article No.	Price per PU			

#### Sensor switches



3SU1200-1SK10-2SA0

Whether integrated in the two-hand operation console or installed as a door opening contact, the capacitive sensor switch is suitable for many different applications in industrial environments.

The switch is actuated by simple contact with the hand or other part of the body (i.e. without the application of pressure). As a result, these switches are rugged, extremely durable and have the highest possible degree of protection IP66, IP67, IP69 (IP69K).

Without pressure	1	0	Black	▶	3SU1200-1SK10-2SA0		1	1 unit	41J
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#### Optional accessories

- "Protection for sensor switches", [see page 13/135](#)
- "Connectors for sensor switches, angled socket with screw terminal connection", [see page 13/143](#)

## SIRIUS ACT Pushbuttons and Indicator Lights

Actuators and Indicators, 22 mm, Plastic with Metal Front Ring, Matte Compact Units

### Potentiometers / pushbuttons with extended stroke

#### Selection and ordering data

Version of actuating element	Operating principle	Adjustable resistance	SD	Screw terminals	PU (UNIT, SET, M)	PS*	PG	
		kΩ	d	Article No.	Price per PU			
<b>Potentiometers</b>								
 3SU1200-2PQ10-1AA0	Rotary knob	Stepless	1	▶	<b>3SU1200-2PQ10-1AA0</b>	1	1 unit	41J
			2.2	▶	<b>3SU1200-2PW10-1AA0</b>	1	1 unit	41J
			4.7	▶	<b>3SU1200-2PR10-1AA0</b>	1	1 unit	41J
			10	▶	<b>3SU1200-2PS10-1AA0</b>	1	1 unit	41J
			47	▶	<b>3SU1200-2PT10-1AA0</b>	1	1 unit	41J
			100	▶	<b>3SU1200-2PU10-1AA0</b>	1	1 unit	41J
			470	▶	<b>3SU1200-2PV10-1AA0</b>	1	1 unit	41J

Labeling plates for potentiometers, [see page 13/131](#).

#### Selection and ordering data

Version	Color	SD	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	
		d						
<b>Pushbuttons with extended stroke</b>								
For actuating relays, can only be combined with extension plunger, no contact module or LED module required								
 3SU1230-0EB40-0AA0	Pushbuttons with flat button	Red	5	<b>3SU1230-0EB20-0AA0</b> <b>3SU1230-0EB40-0AA0</b>	1	1 unit	41J	
		Green	5					
 3SU1230-0FB10-0AA0	Pushbuttons with raised button	Black	3	<b>3SU1230-0FB10-0AA0</b>	1	1 unit	41J	
 3SU1231-0EB20-0AA0	Pushbuttons with flat transparent button for insertion of insert labels	Red	3	<b>3SU1231-0EB20-0AA0</b> <b>3SU1231-0EB70-0AA0</b>	1	1 unit	41J	
		Clear	3					
<b>Accessories</b>								
 3SU1900-0KG10-0AA0	<b>Extension plungers</b>	Plastic	Gray	▶	<b>3SU1900-0KG10-0AA0</b>	1	1 unit	41J