

Commanding and Signaling Devices

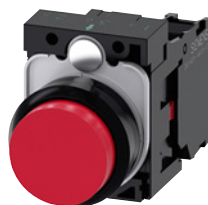


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13/16	SIRIUS ACT pushbuttons and indicator lights can also be ordered in practical multi-unit packaging. Example: 3SU1000-1AA10-0AA0 Z X90; pack of 50

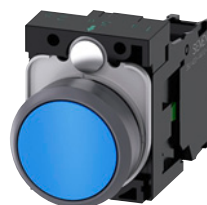
Commanding and Signaling Devices

Introduction

Overview



3SU1.0



3SU1.3

Pushbuttons and indicator lights

Designs

Nominal diameter
Version

22 mm
Plastic

22 mm
Plastic
with metal front ring, matte

	Complete units	Compact units	Actuating/ signaling elements	Complete units	Compact units	Actuating/ signaling elements
Actuators						
Pushbuttons	✓ see p. 13/21	--	✓ see p. 13/31	✓ see p. 13/43	--	✓ see p. 13/52
Illuminated pushbuttons	✓ see p. 13/21	--	✓ see p. 13/32	✓ see p. 13/43	--	✓ see p. 13/53
Mushroom pushbuttons	✓ see p. 13/23	--	✓ see p. 13/34	✓ see p. 13/45	--	✓ see p. 13/55
EMERGENCY STOP mushroom pushbuttons	✓ see p. 13/23	--	✓ see p. 13/35	✓ see p. 13/45	--	✓ see p. 13/56
Selector switches	✓ see p. 13/24	--	✓ see p. 13/37	✓ see p. 13/46	--	✓ see p. 13/58
Key-operated switches	✓ see p. 13/25	--	✓ see p. 13/39	✓ see p. 13/47	--	✓ see p. 13/60
ID key-operated switches	--	--	✓ see p. 13/41	--	--	✓ see p. 13/62
Twin pushbuttons	--	--	✓ see p. 13/33	--	--	✓ see p. 13/54
Quadruple pushbuttons	--	--	✓ see p. 13/33	--	--	✓ see p. 13/54
Toggle switches	--	--	✓ see p. 13/36	--	--	✓ see p. 13/57
Coordinate switches	✓ see p. 13/26	--	✓ see p. 13/42	✓ see p. 13/47	--	✓ see p. 13/63
Sensor switches	--	✓ see p. 13/29	--	--	✓ see p. 13/50	--
Potentiometers	--	✓ see p. 13/29	--	--	✓ see p. 13/51	--
Pushbuttons with extended stroke	--	✓ see p. 13/30	--	--	✓ see p. 13/51	--
Indicators						
Indicator lights	✓ see p. 13/27	--	✓ see p. 13/42	✓ see p. 13/48	--	✓ see p. 13/63
Indicator lights in illuminated pushbutton design	--	--	✓ see p. 13/42	--	--	✓ see p. 13/63
Indicator lights with "traffic light" LED	--	✓ see p. 13/28	--	--	✓ see p. 13/49	--
Acoustic signaling devices	--	✓ see p. 13/29	--	--	✓ see p. 13/50	--
Contact modules						
1-pole	✓ see p. 13/94	--	--	--	--	--
LED modules						
Module with integrated LED	✓ see p. 13/98, 13/99, 13/116, 13/117	--	--	--	--	--
Connections						
Screw terminals	✓	✓	✓	✓	✓	✓
Spring-loaded terminals	✓	--	✓	✓	--	✓
Solder pins	--	--	✓	--	--	✓
AS-Interface	✓	--	✓	✓	--	✓
IO-Link	--	--	✓	--	--	✓
PROFINET	--	--	✓	--	--	✓

✓ Available

-- Not available



3SU1.5				3SU1.6			3SB2
Pushbuttons and indicator lights							
Designs							
Nominal diameter	22 mm			30 mm			16 mm
Version	Metal, shiny			Metal, matte, flat			Plastic, round
	Complete units	Compact units	Actuating/ signaling elements	Complete units	Compact units	Actuating/ signaling elements	
Actuators							
Pushbuttons	✓ see p. 13/64	--	✓ see p. 13/74	--	--	✓ see p. 13/86	✓ see p. 13/157
Illuminated pushbuttons	✓ see p. 13/64	--	✓ see p. 13/75	--	--	✓ see p. 13/86	✓ see p. 13/157
Mushroom pushbuttons	✓ see p. 13/66	--	✓ see p. 13/77	--	--	--	--
EMERGENCY STOP mushroom pushbuttons	✓ see p. 13/67	--	✓ see p. 13/78	--	--	--	✓ see p. 13/157
Selector switches	✓ see p. 13/68	--	✓ see p. 13/80	--	--	✓ see p. 13/87	✓ see p. 13/157
Key-operated switches	✓ see p. 13/69	--	✓ see p. 13/83	--	--	✓ see p. 13/88	✓ see p. 13/158
Twin pushbuttons	--	--	✓ see p. 13/76	--	--	--	--
Toggle switches	--	--	✓ see p. 13/80	--	--	--	--
Coordinate switches	✓ see p. 13/69	--	✓ see p. 13/85	--	--	--	--
Potentiometers	--	✓ see p. 13/72	--	--	--	--	--
Pushbuttons with extended stroke	--	✓ see p. 13/73	--	--	--	--	--
Indicators							
Indicator lights	✓ see p. 13/70	--	✓ see p. 13/85	--	--	✓ see p. 13/88	✓ see p. 13/156
Indicator lights with "traffic light" LED	--	✓ see p. 13/71	--	--	--	--	--
Acoustic signaling devices	--	✓ see p. 13/72	--	--	--	--	--
Contact modules							
1-pole	✓ see p. 13/94, 13/115						--
LED modules							
Wedge bases	--	--	--	--	--	--	✓ see p. 13/166
Module with integrated LED	✓ see p. 13/98, 13/99, 13/116, 13/117						
Connections							
Plug-in connection	--	--	--	--	--	--	✓
Screw terminals	✓	✓	✓	✓	✓	✓	--
Spring-loaded terminals	✓	✓	✓	✓	✓	✓	--
Solder pins	✓	✓	✓	✓	✓	✓	✓
AS-Interface	✓	✓	✓	✓	✓	✓	--
IO-Link	✓	✓	✓	✓	✓	✓	--
PROFINET	--	--	✓	--	--	✓	--

✓ Available

-- Not available

Note:

Safety characteristics, see page 16/6.

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.

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 13/100).

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 13/111).

Commanding and Signaling Devices

Introduction



	3SU18	3SU18	3SE7	3SE29, 3SE39
	Enclosures	Two-hand operation consoles	Cable-operated switches	Foot switches
Enclosures				
Plastic	✓	✓	--	✓
Metal	✓	✓	✓	✓
Actuators				
Pushbuttons	✓	--	✓	✓
Illuminated pushbuttons		--	--	--
Mushroom pushbuttons	✓	✓	--	--
EMERGENCY STOP mushroom pushbuttons	✓	✓	✓	--
Selector switches	✓	--	--	--
Key-operated switches	✓	--	--	--
Cable-operated switches	--	--	✓	--
Indicators				
Indicator lights	✓	--	✓	--
Acoustic signaling devices	✓	--	--	--
Contact modules				
1-/2-pole	✓/--	✓	--/✓	--/✓
3-/4-pole	--	--	✓	✓
Connections				
Screw terminals	✓	✓	✓	✓
AS-Interface	✓	--	--	--
IO-Link	✓	--	--	--
PROFINET	✓	--	--	--
Pages	see p. 13/104	see p. 13/119	see p. 13/168	see p. 13/172

✓ Available

-- Not available



	8WD42, 8WD44	8WD53
	Signaling columns	Integrated signal lamps
Enclosures		
Plastic	✓	✓
Illumination		
Incandescent lamps	✓	✓
LEDs	✓	✓
Flashlights	✓	✓
Connections		
Screw terminals	✓	✓
Spring-loaded terminals	✓	--
AS-Interface	✓	--
IO-Link	✓	--
Pages	see p. 13/174	see p. 13/184

✓ Available

-- Not available

Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

General data

Overview



SIRIUS ACT pushbuttons and indicator lights

SIRIUS ACT – commanding and signaling

SIRIUS ACT is a modular system of pushbuttons and indicator lights for front plate mounting and rear-mounted electrical modules. Thanks to SIRIUS ACT with PROFINET, 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

Industry Mall, see www.siemens.com/product?3SU1

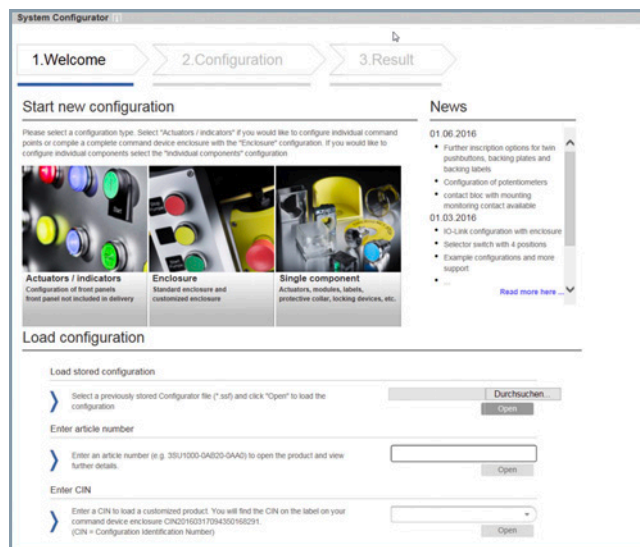
Configurator, see www.siemens.com/sirius-act/configurator

Conversion tool for article numbers, see 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

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

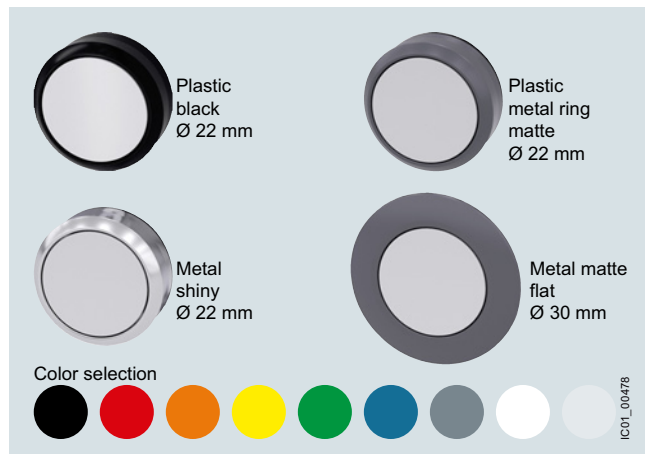
Commanding and Signaling Devices

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 splash-water

IP67

6 = Protection against the ingress of dust

7 = Protection against temporary immersion

IP69 (IP69K)

6 = Protection against the ingress of dust

9/9K = Protection against water in high-pressure cleaning (approx. 80 bar) and high water jet temperatures (approx. 80 °C)

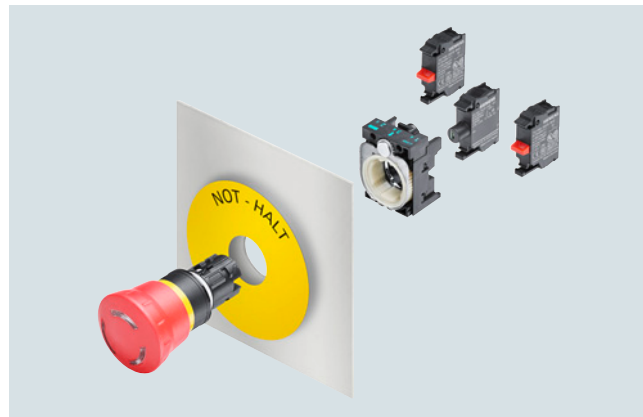
- Service life of 100 000 hours thanks to use of LEDs
- Media resistance (chemicals) thanks to solid stainless steel and high-grade plastics
- Mechanical endurance of 10×10^6 operating cycles
- Suitable for use in extreme environments
- Reliable, friction-locked fixing with just one screw
- Design stability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

Communication



- Direct connection of the enclosure to AS-Interface or IO-Link
- Direct connection in the control cabinet to PROFINET, IO-Link or AS-Interface
- Can be integrated easily via the TIA Portal

Easy handling



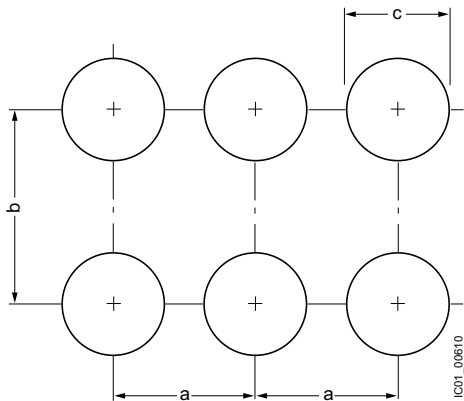
- Self-holding function of the actuator when mounting
- Twist prevention integrated into patented holder design
- Stackable contact modules
- Self-explanatory and fast installation using one hand
- Components can be mounted with holder removed
- No special tools required, simple size 2 screwdriver (cross-tip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

Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

General data

Mounting dimensions



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

Versions

SIRIUS ACT is a modular system of pushbuttons and indicator lights with which customized 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), 1-pole contacts can be stacked
- A comprehensive range of accessories for inscription/markings

Complete units

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

Compact units

Signaling devices, 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

Plastic, black
Plastic with metal front ring, matte
Metal, shiny

Pages

13/21
13/43
13/64

Compact units

Plastic, black
Plastic with metal front ring, matte
Metal, shiny

Pages

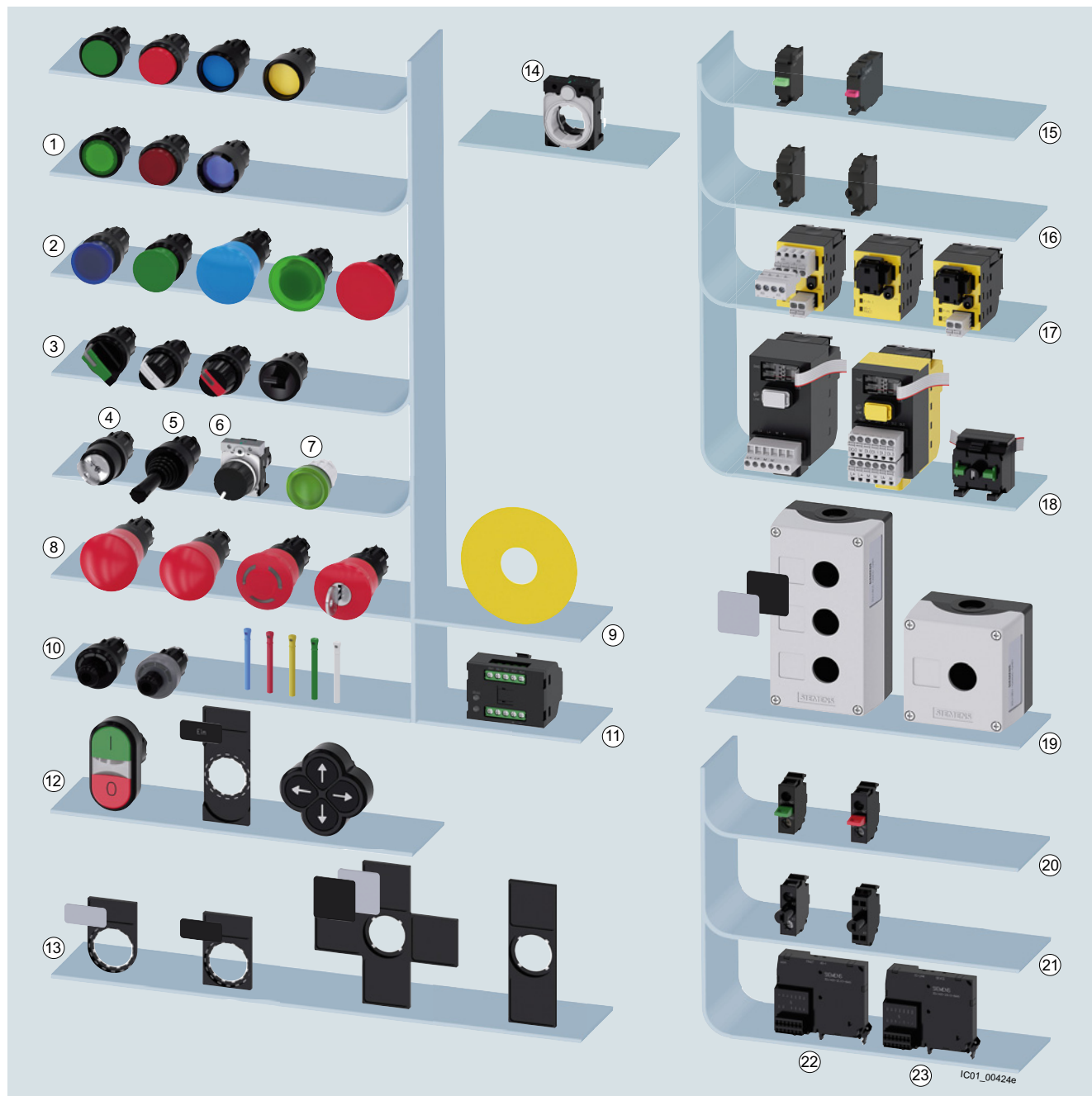
13/28
13/49
13/71

Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

General data

Actuating and signaling elements



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

Actuating and signaling elements		Pages	Modules for front plate mounting		Pages
①	Pushbuttons, illuminated pushbuttons	13/21	⑤	Contact modules	13/94
②	Mushroom pushbuttons	13/23	⑥	LED modules	13/98
③	Selector switches, toggle switches	13/46	⑦	AS-Interface modules	13/100
④⑤	Key-operated switches, coordinate switches,	13/47	⑧	Interface modules, fail-safe interface modules,	13/103
⑥⑦	potentiometers, indicator lights			terminal modules	
⑧⑨	EMERGENCY STOP mushroom pushbuttons, backing plates	13/23	Enclosures		Pages
⑩⑪	ID key-operated switches, ID keys, ID electronic modules	13/41	⑯	Enclosures	13/104
⑫	Twin pushbuttons, label holders, labeling plates, quadruple pushbuttons	13/33	Modules for base mounting		Pages
Holders and labels		Pages	⑳	Contact modules	13/115
⑬	Label holders, labeling plates	13/120	㉑	LED modules	13/116
⑭	Holder	13/91	㉒	IO-Link modules	13/118
			㉓	AS-Interface modules	13/118

Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

General data

SIRIUS ACT with PROFINET

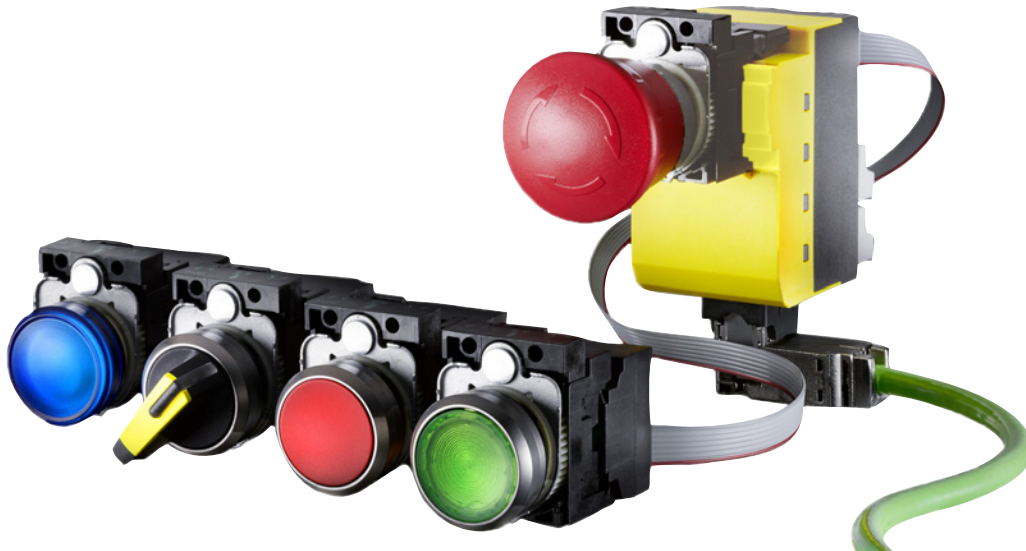
SIRIUS ACT with PROFINET connects pushbuttons and indicator lights directly via PROFINET to the controller and HMI devices – including with Safety functions.

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

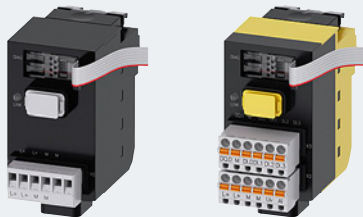
Non-SIRIUS ACT devices, e.g. position switches, can additionally be connected via the open, digital/analog interfaces (DI, DQ, AI).

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

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



Interface modules/fail-safe interface modules

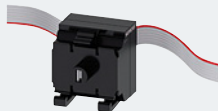


Interface module for PROFINET, 24 V DC
1 to 20 terminal modules can be connected

3SU1400-1L□10-□AA1

[See page 13/103](#)

Terminal modules



Terminal modules with 2 contacts
Terminal modules with 2 contacts and integrated LED
Terminal modules with integrated LED

3SU1401-1MA□0-1□A1

3SU1401-1MC□0-1□A1

3SU1401-1ME□0-1□A1

[See page 13/103](#)

Accessories



Memory module

For backing up the complete parameterization of the 3SK2 safety system without a PC/PG through the system interface

3RK3931-0AA00

[See page 13/103](#)

LED modules for mounting on to printed-circuit boards

3SU1401-3BA□0-5AA0

[See page 13/99](#)

Flat ribbon cable

7 cores, length 5 m

7 cores, length 10 m

3SU1900-0KQ80-0AA0

3SU1900-0KP80-0AA0

[See page 13/151](#)

Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

General data

SIRIUS ACT connection to Safety field modules

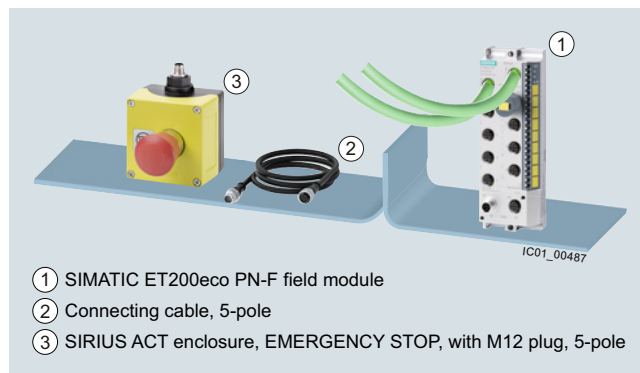
The PROFINET connection of SIRIUS ACT enclosures with an EMERGENCY STOP mushroom pushbutton and M12 plug-in connection to the SIMATIC ET ECO200 PN-F Safety field module ensures fast and simple application in the field.

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

The wiring can be implemented using various connection options using the appropriate accessories, such as cables with different cable lengths, possibly also partially preassembled.

Additional SIRIUS devices, such as position switches and safety switches, can also be connected to the field module.

Advantage: Safe system technology in the field, from the sensor through to the field module (see page 12/9 onwards).



SIRIUS ACT connection to Safety field modules

Sensors with M12 plug	Type	SIL	Connection accessories M12 method, A-coded	Type	Cable length
SIRIUS ACT enclosure, EMERGENCY STOP					
	Enclosure plastic, yellow, with 1 command point, A = EMERGENCY STOP mushroom pushbutton, red, 40 mm, with positive latching function acc. to ISO 13850, rotate to unlatch, "Stop" label, 2 NC, spring-loaded terminals, base mounting, M12 plug (5-pole), bottom	3SU1801-0NH00-4NB2 3		Connection cable with M12 socket, 5-pole and M12 plug, 5-pole	3SX5601-3SV15 1 m
				Connecting cable with M12 socket, 5-pole, open end	3SX5601-3SB55 5 m
				M12 plug 5-pole, straight, loose	3RK1902-4BA00-5AA0 --
	Enclosure plastic, yellow, with 1 command point, A = EMERGENCY STOP mushroom pushbutton, red, 40 mm, illuminated, with positive latching function acc. to ISO 13850, rotate to unlatch, "Stop" label, 2 NC, LED, white, 24 V spring-loaded terminals, base mounting, M12 plug (8-pole), bottom	3SU1801-0NV00-4SA2 3		Connection cable with M12 socket, 8-pole and M12 plug, 8-pole	3SX5601-3SV18 1 m
				ET200 Y-cable for connection of 1 x two-channel sensor with M12 socket, 8-pole on 2 x M12 plugs, 5-pole	6ES7194-6KC00-0XA0 ¹⁾ 0.2 m
				Connecting cable with M12 socket, 8-pole, straight, open end	3SX5601-2GA03 3 m 3SX5601-2GA05 5 m 3SX5601-2GA10 10 m
	Enclosure plastic, gray, with 2 command points, B = EMERGENCY STOP mushroom pushbutton, red, 40 mm, rotate to unlatch, 2 x 1 NC, black "Off" label, A = pushbutton, blue, 1 NO, black "Reset" label, spring-loaded terminals, base mounting, M12 plug (8-pole), bottom	3SU1802-0NE00-4SB1 3		M12 plug 8-pole, straight	6GT2090-0BE00 --
				ET200 Y-cable for connection of 1 x two-channel sensor with 8-pole M12 socket to 2 x 5-pole M12 plugs	6ES7194-6KC00-0XA0 ¹⁾ 0.2 m

¹⁾ Please inquire about start of delivery.

Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

General data

ID key-operated switches

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

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



3SU1500-0AA10-0AA0
Holder, plastic



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



3SU1500-0AA10-0AA0
Holder, plastic

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	13/41	13/62



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	13/102	13/102



3SU1900-0FU60-0AA0

ID keys ID group individual



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

ID keys

ID keys

Material	Plastic	Plastic
Version of RFID coding	Individually coded, programmable several times	ID group 1 ID group 2 ID group 3 ID group 4
Color	White	Green Yellow Red Blue
Pages	13/147	13/147

Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

General data

Article No. scheme

Device types



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

Actuating and signaling elements

Product versions		Article number														
SIRIUS ACT pushbuttons and indicator lights		3SU1	☐	☐	☐	-	☐	☐	☐	☐	☐	-	☐	☐	☐	
Device type	Actuating and signaling elements	0														
Material (front ring)	Plastic, black	0														
	Metal, matte (front ring)/plastic, black (collar, holder)	3														
	Metal, matte (front ring)/metal (collar, holder)	4														
	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, quadruple pushbutton	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												☐			
Marking	e.g. A = None, C = "I", D = "O", R = "R"													☐		
Ambient condition	Standard														0	
	ATEX Zone 21-22: Protection from dust														1	
	ATEX Zone 1-2: Intrinsic safety														2	
Example		3SU1	0	0	0	-	0	A	B	1	0	-	0	A	A	0

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.

Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

General data

Complete units

Product versions		Article number														
SIRIUS ACT pushbuttons and indicator lights		3SU1	☐	☐	☐	-	☐	☐	☐	☐	-	☐	☐	☐	☐	
Device type	Complete units	1														
Material (front ring)	Plastic, black	0														
	Metal, matte (front ring)/plastic, black (collar, holder)	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-loaded terminals												3			
Module/holder equipment including contact material	e.g. A = Without module, with holder B = 1 NO contact with holder C = 1 NC contact with holder													☐		
Marking	e.g. A = None, C = "I", D = "O", R = "R"														☐	
Ambient condition	Standard														0	
	ATEX Zone 21-22: Protection from dust														1	
	ATEX Zone 1-2: Intrinsic safety														2	
Example		3SU1	1	0	0	-	0	A	B	1	0	-	1	B	A	0

Compact units

Product versions		Article number													
SIRIUS ACT pushbuttons and indicator lights		3SU1	☐	☐	☐	-	☐	☐	☐	☐	☐	-	☐	☐	☐
Device type	Compact units	2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Material (front ring)	Plastic, black	0	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	Metal, matte (front ring)/plastic, black (collar, holder)	3	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	Metal, shiny	5	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	Metal, matte	6	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Illumination	Non-illuminated	0	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	Illuminated/non-illuminated	1	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Type of actuator/indicator	Pushbutton		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	Sensor switch		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	Potentiometers		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	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	None		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	Screw terminals		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	M12 connection, 4-pole		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	Spring-loaded terminals		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Module/holder equipment including contact material	e.g.		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	A = Without module, without holder		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	B = 1 NO contact with holder		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	C = 1 NC contact with holder		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Marking	e.g. A = None		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Ambient condition	Standard		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	ATEX Zone 21-22: Protection from dust		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	ATEX Zone 1-2: Intrinsic safety		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Example		3SU1	2	0	1	-	6	A	B	1	0	-	1	A	A 0

Note:

The Article No. schemes show an overview of product versions for better understanding of the logic behind the article numbers.

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

Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

General data

Modules for Actuators and Indicators

Product versions		Article number														
SIRIUS ACT pushbuttons and indicator lights		3SU1	☐	☐	☐	-	☐	☐	☐	☐	☐	-	☐	☐	☐	☐
Device type	Modules for actuators and indicators	4														
Material (front ring)	Plastic, black	0														
Illumination	Non-illuminated Illuminated	0 1														
Fixing method	Front plate mounting						1									
	Base mounting						2									
	Printed circuit board						3									
Module type	Contact module							A								
	LED module							B								
	LED test module							C								
	Support terminal							D								
	AS-Interface module							E								
	Electronic module for ID key-operated switches							G								
	Interface modules for PROFINET							L								
	Terminal modules							M								
Function/voltage	e.g. B = 24 V AC/DC								☐							
Color	e.g. 10 = Black, 20 = Red									☐	☐					
Connection type	Screw terminals													1		
	Screw terminals + insulation piercing method													2		
	Spring-loaded terminals													3		
	Spring-loaded terminals + insulation piercing method													4		
	Socket terminals													5		
Module equipment including contact material	e.g. A = None B = 1 NO contact, silver C = 1 NC contact, silver													☐		
Marking	None														A	
Ambient condition	Standard														0	
	ATEX Zone 21-22: Protection from dust														1	
	ATEX Zone 1-2: Intrinsic safety														2	
Example		3SU1	4	0	0	-	1	A	A	1	0	-	1	B	A	0

Holders

Product versions		Article number														
SIRIUS ACT pushbuttons and indicator lights		3SU1														
Device type	Holder	5														
Material (front ring)	Plastic, black Metal, shiny	0 5														
Illumination	Non-illuminated Illuminated	0 1														
Fixing method	Without Front plate mounting				0 1											
Holder type	3x A 4x B					A B										
Function/voltage	Without 6 ... 24 V AC/DC						A G									
Color	e.g. 10 = Black, 20 = Red															
Connection type	None Screw terminals									1 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 ATEX Zone 21-22: Protection from dust ATEX Zone 1-2: Intrinsic safety												0 1 2			
Example		3SU1	5	0	0	-	0	A	A	1	0	-	0	A	A	0

Note:

The Article No. schemes show an overview of product versions for better understanding of the logic behind the article numbers.

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

Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

General data

Enclosures

Product versions		Article number											
SIRIUS ACT pushbuttons and indicator lights		3SU1											
Device type	Enclosures	8											
Material (enclosure/front ring)	Plastic, black plastic	0											
	Metal, shiny metal	5											
Number of command points	Command point	1											
	... Command points	6											
Type of enclosure	Surface-mounting	0											
	4-position selector switch and coordinate switch	1											
	Palm pushbutton	2											
	Two-hand operation console	3											
Equipment	e.g. command point, inscription, module												
Communication capability	Without												
	AS-i												
Ambient condition	Standard												
	ATEX Zone 21-22: Protection from dust												
	ATEX Zone 1-2: Intrinsic safety												
Mounting/connection of modules	None												
	Front plate mounting, screw terminals												
	Base mounting, screw terminals												
	Front mounting, spring-loaded terminals												
	Base mounting, spring-loaded terminals												
Cable exit from enclosure	None												
	Direct entry of AS-i flat cable at top/on right												
	AS-i insulation piercing method at top/on right												
Design of enclosure top	Center command point												
	With recess for labeling plate												
	With protective collar												
	4 additional holes (two-hand operation console)												
	8 additional premachined breaking points (two-hand operation console)												
Color of enclosure top	Gray												
	Yellow												

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. OAB = Insert label												
Color	e.g. 10 = Black, 20 = Red												
Marking	e.g. OAA = None OAB = ON OAT = EMERGENCY STOP												
Ambient condition	Standard												
	ATEX Zone 21-22: Protection from dust												
	ATEX Zone 1-2: Intrinsic safety												

Example

3SU1 9 0 0 - 0 A B 2 0 - 0 A B 0

Note:

The Article No. schemes show an overview of product versions for better understanding of the logic behind the article numbers.

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

Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

General data

Ordering notes

Multi-unit packaging

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



Devices	Multi-unit, quantity per package
SIRIUS ACT	X90
3SU1 pushbuttons and indicator lights	
Complete units (3SU11)	20
Compact units (3SU12)	
• Acoustic signaling devices, pushbuttons with extended stroke, potentiometers	50
Actuating and signaling elements (3SU10)	
• Pushbuttons, illuminated pushbuttons, indicator lights	100
• Stop switches, twin pushbuttons, mushroom pushbuttons 30/40 mm, EMERGENCY STOP mushroom pushbuttons 30/40 mm, toggle switches, selector switches, key-operated switches, ID key-operated switches, coordinate switches	50
• Mushroom pushbuttons 60 mm, EMERGENCY STOP mushroom pushbuttons 60 mm	40
Holders (3SU15)	100
Modules for actuators and indicators (3SU14)	
• Contact modules	150
• LED modules	50
Accessories (3SU19)	
• Sealing plugs, label holders, labeling plates, EMERGENCY STOP backing plates, labeling plates for potentiometers, EMERGENCY STOP labeling plates for enclosures without recesses and without inscription, single frames	100

When ordering products in multi-unit packaging, the Article No. of the product concerned must be supplemented with **"-Z"** and, in addition, the order code **X90**.

Ordering example:
3SU1000-0AB20-0AA0-Z X90

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 pushbuttons
- 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.

Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

General data

Technical specifications

More information

Industry Mall, see www.siemens.com/product?3SU1

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

Conversion tool for article numbers, see 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		3SU10.0-FB	
Product version	Pushbuttons									
Operating principle of the actuating element	Latching				Momentary contact					
Optional expansion of product by light source	No		Yes		No		Yes		No	
Mechanical endurance (operating cycles) typical	500 000				10 000 000		3 000 000		200 000	
Switching frequency, maximum	1/h	1 800			3 600					
Shock resistance according to IEC 60068-2-27	Half-sine wave 50 g / 11 ms									
Vibration resistance according to IEC 60068-2-6	10 ... 500 Hz: 5 g									
Degree of protection	IP66, IP67, IP69 (IP69K)								IP65, IP66	
Environmental category during operation According to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with a relative air humidity of 10 ... 95%)									
Ambient temperature										
• During operation	°C	-25 ... +70								
• During storage	°C	-40 ... +80								

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

Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

General data

Type	3SU1...-J 3SU1...-H 3SU1...-G	
Product version	EMERGENCY STOP mushroom pushbuttons	
Mechanical endurance (operating cycles)	300 000	
Switching frequency, maximum	1/h	600
Shock resistance according to IEC 60068-2-27	Half-sine wave 50 g / 11 ms	
Vibration resistance according to IEC 60068-2-6	10 ... 500 Hz: 5 g	
Degree of protection	IP66, IP67, IP69 (IP69K)	
Environmental category during operation According to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with a relative air humidity of 10 ... 95%)	
Ambient temperature		
• During operation	°C	-25 ... +70
• During storage	°C	-40 ... +80

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	
Mechanical endurance (operating cycles)		300 000	1 000 000			300 000	250 000	
Switching frequency, maximum		1/h	1 800				3 600	
Shock resistance according to IEC 60068-2-27		Half-sine wave 50 g / 11 ms						
Vibration resistance according to IEC 60068-2-6		10 ... 500 Hz: 5 g						
Degree of protection		IP66, IP67, IP69 (IP69K)			IP66, IP67, IP69K	IP66, IP67, IP69 (IP69K)		IP65, IP67
Ambient temperature								
• During operation	°C	-25 ... +70						
• During storage	°C	-40 ... +80						

Commanding and Signaling Devices

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		Contact modules					
Rated insulation voltage	V	500					
Pollution degree		3					
Impulse withstand voltage, rated value	kV	6					
Operational voltage type		AC/DC					
Operational voltage, rated value							
• At AC at 50 Hz	V	5 ... 500					
• At DC	V	5 ... 500					
Thermal current	A	10					
Operational current, rated value							
• 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					
Contact reliability		One contact failure per 100 million switching operations (17 V, 5 mA), one contact failure per 10 million switching operations (5 V, 1 mA)					
Mechanical endurance (operating cycles) typical		10 000 000					
Switching frequency, maximum	1/s	3 600					
Fuse link version required for short-circuit protection of the auxiliary switch with type of coordination 1		gG / Dz 10 A, quick-response / Dz 10 A					
Continuous current of miniature circuit breaker C characteristic	A	10					
Vibration resistance according to IEC 60068-2-6		10 ... 500 Hz: 5 g					
Shock resistance according to IEC 60068-2-27		Half-sine wave 50 g / 11 ms					
Climate class during operation according to IEC 60721		3M6, 3S2, 3B2, 3C3, 3K6 (with a relative air humidity of 10 ... 95%, no condensation permitted in operation)					
Ambient temperature							
• During operation	°C	-25 ... +70					
• During storage	°C	-40 ... +80					
Degree of protection							
• Of enclosure		IP40					
• Of the terminal		IP20					
Type of electrical connection		Screw terminals 		Spring-loaded terminals 		Socket terminals (THT) 	
Type of connectable conductor cross-sections							
• Solid with end sleeve	mm²	2 x (0.5 ... 0.75)		--			
• Solid without end sleeve	mm²	2 x (1.0 ... 1.5)		2 x (0.25 ... 1.5)		--	
• Finely stranded with end sleeve	mm²	2 x (0.5 ... 1.5)		2 x (0.25 ... 0.75)		--	
• Finely stranded without end sleeve	mm²	2 x (1.0 ... 1.5)		2 x (0.25 ... 1.5)		--	
• For AWG cables		2 x (18 ... 14)		2 x (24 ... 16)		--	
Tightening torque for screw terminals	Nm	0.8 ... 0.9		--			

Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

General data

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

Type		3SU1400-1LK10-1AA1	3SU1400-1LK10-3AA1	3SU1400-1LL10-1BA1	3SU1400-1LL10-3BA1
Product designation		Interface module		Fail-safe interface module	
Operational voltage type		DC			
Supply voltage at DC rated value	V	24			
Current consumed, maximum	mA	150			
Product function at the interface 1 PROFINET IO-Device		Yes			
Type of interface Fast Ethernet interface		Yes			
Type of interface 1 RJ45 (Ethernet) interface		Yes			
Number of ports at the interface 1		1			
Number of modules per rack, maximum		20			
Number of digital outputs		0		1	
Number of digital inputs		0		4	
Software version required for STEP 7 in the TIA Portal		Integrated in the TIA Portal, version 14 SP1 or higher (HSP for V13 and V14)			
SIL response limit (subsystem) according to IEC 62061		--		SIL CL 3	
Performance level (PL) according to EN ISO 13849-1		--		e	
Ambient temperature					
• During operation	°C	60 ... -25			
• During storage	°C	80 ... -40			
Degree of protection		IP20			
Connectable conductor cross-section					
• 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			

Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

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

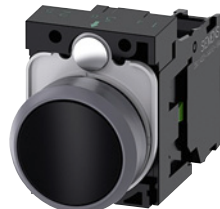
Complete units > Pushbuttons

Selection and ordering data

Multi-unit packaging,
see page 13/16.

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					d	Article No.	Price per PU			

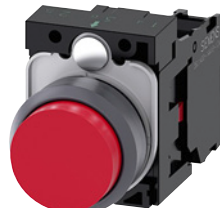
Pushbuttons



3SU1130-0AB10-1BA0

Pushbuttons with flat button, momentary contact

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



3SU1130-0BB20-1CA0

Pushbuttons with raised button, momentary contact

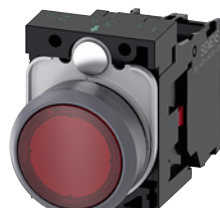
--	--	Red	1	0	1	5	3SU1130-0BB20-1CA0		1	1 unit	41J
----	----	-----	---	---	---	---	--------------------	--	---	--------	-----



3SU1132-0AB40-1BA0

Illuminated pushbuttons with flat button, momentary contact with integrated LED

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



3SU1133-0AB20-1CA0

Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

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

Complete units > Pushbuttons

Multi-unit packaging,
see page 13/16.

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

Spring-loaded terminals



3SU1130-0AB10-3BA0

Pushbuttons with flat button, momentary contact

--	--	Black	1	1	0	5	3SU1130-0AB10-3BA0 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 3SU1132-0AB20-3FA0		1	1 unit	41J
		Yellow	1	1	0	5	3SU1132-0AB30-3BA0 3SU1132-0AB30-3FA0		1	1 unit	41J
		Green	1	1	0	5	3SU1132-0AB40-3BA0 3SU1132-0AB40-3FA0		1	1 unit	41J
		Blue	1	1	0	5	3SU1132-0AB50-3BA0 3SU1132-0AB50-3FA0		1	1 unit	41J
		White	1	1	0	5	3SU1132-0AB60-3BA0 3SU1132-0AB60-3FA0		1	1 unit	41J
		Clear	1	1	0	5	3SU1132-0AB70-3BA0 3SU1132-0AB70-3FA0		1	1 unit	41J

Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

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

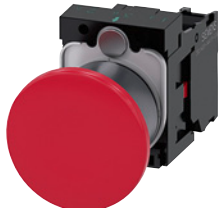
Complete units > Mushroom pushbuttons/EMERGENCY STOP mushroom pushbuttons

Selection and ordering data

Multi-unit packaging,
see page 13/16.

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

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	41J

Selection and ordering data

Multi-unit packaging,
see page 13/16.

Unlatching method	Number of Contact mod- ules	NO con- tacts	NC con- tacts	Marking	SD	Screw terminals	PU (UNIT, SET, M)	PS*	PG
					d	Article No.	Price per PU		

EMERGENCY STOP mushroom pushbuttons, 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



3SU1100-1HB20-1CH0

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	⊖ 5	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
		1	1	NOT-HALT	⊖ 5	3SU1100-1HB20-1FH0	1	1 unit	41J
		1	1	ARRET D'URGENCE	⊖ 5	3SU1100-1HB20-1FJ0	1	1 unit	41J

Spring-loaded 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	41J

With red mushroom, diameter 40 mm, with latching



3SU1100-1LB20-1PH0

Screw terminals



Rotate to unlatch	2	0	2	NOT-HALT	5	3SU1100-1LB20-1PH0	1	1 unit	41J
-------------------	---	---	---	----------	---	--------------------	---	--------	-----

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



Commanding and Signaling Devices

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

Multi-unit packaging,
see page 13/16.

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

Commanding and Signaling Devices

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

Multi-unit packaging,
see page 13/16.

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

Key-operated switches



3SU1130-4BF11-1BA0

With RONIS lock, SB30, 2 switch positions

Latching, 90°
(10:30/1:30 o'clock)



O+I

1

1

0

2

3

3SU1130-4BF11-1BA0
3SU1130-4BF11-1FA0

1

1 unit

41J

1

1 unit

41J



3SU1130-4BL11-1NA0

With RONIS lock, SB30, 3 switch positions

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



I+O+II

2

2

0

2

5

3SU1130-4BL11-1NA0

1

1 unit

41J

Spring-loaded terminals



With RONIS lock, SB30, 2 switch positions

Latching, 90°
(10:30/1:30 o'clock)



O+I

1

1

0

2

5

3SU1130-4BF11-3BA0

1

1 unit

41J

Selection and ordering data

Multi-unit packaging,
see page 13/16.

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		

Coordinate switches



3SU1130-7AE10-1QA0

Without mechanical interlock, 2 switch positions

2

Momentary contact

Horizontal
Vertical

5

3SU1130-7AC10-1NA0
3SU1130-7AD10-1NA0

1

1 unit

41J

1

1 unit

41J

Latching

Horizontal
Vertical

5

3SU1130-7AA10-1NA0
3SU1130-7AB10-1NA0

1

1 unit

41J

1

1 unit

41J

Without mechanical interlock, 4 switch positions

4

Momentary contact

Horizontal/Vertical

5

3SU1130-7AF10-1QA0

1

1 unit

41J

Latching

Horizontal/Vertical

5

3SU1130-7AE10-1QA0

1

1 unit

41J

With mechanical interlock, 2 switch positions

2

Momentary contact

Horizontal
Vertical

5

3SU1130-7BC10-1NA0
3SU1130-7BD10-1NA0

1

1 unit

41J

1

1 unit

41J

Latching

Horizontal
Vertical

5

3SU1130-7BA10-1NA0
3SU1130-7BB10-1NA0

1

1 unit

41J

1

1 unit

41J

With mechanical interlock, 4 switch positions

4

Momentary contact

Horizontal/Vertical

5

3SU1130-7BF10-1QA0

1

1 unit

41J

Latching

Horizontal/Vertical

5

3SU1130-7BE10-1QA0

1

1 unit

41J



3SU1130-7BE10-1QA0

Commanding and Signaling Devices

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

Multi-unit packaging,
see page 13/16.

Operational voltage at AC, rated value	at DC, rated value	Color of actuating element	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



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



Spring-loaded terminals								
24	24	Red	Red	3	3SU1102-6AA20-3AA0	1	1 unit	41J
		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
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
230	--	Red	Red	5	3SU1106-6AA20-3AA0	1	1 unit	41J
		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

Commanding and Signaling Devices

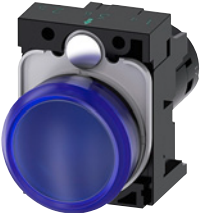
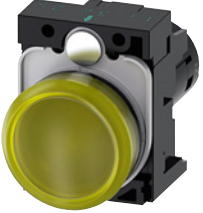
SIRIUS ACT Pushbuttons and Indicator Lights

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

Compact units > Indicator lights

Selection and ordering data

Multi-unit packaging,
see page 13/16.

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

Commanding and Signaling Devices

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

Multi-unit packaging,
see page 13/16.

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

Acoustic signaling devices



3SU1200-6KB10-1AA0

24	24	90/10	5	3SU1200-6KB10-1AA0	1	1 unit	41J
110	--	90/10	5	3SU1200-6KC10-1AA0	1	1 unit	41J
230	--	90/10	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 plug, 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 13/143](#)
- "Plugs for sensor switches, angled socket with screw terminal connection", [see page 13/151](#)

Commanding and Signaling Devices

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

Multi-unit packaging,
see page 13/16.

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

Potentiometers



3SU1200-2PQ10-1AA0

Labeling plates for potentiometers, see page 13/137.

Rotary knob	Stepless	1 2.2 4.7 10 47 100 470	► 5 ► ► ► ► ►	3SU1200-2PQ10-1AA0 3SU1200-2PW10-1AA0 3SU1200-2PR10-1AA0 3SU1200-2PS10-1AA0 3SU1200-2PT10-1AA0 3SU1200-2PU10-1AA0 3SU1200-2PV10-1AA0	1 1 1 1 1 1 1	1 unit 1 unit 1 unit 1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J 41J 41J 41J
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Selection and ordering data

Multi-unit packaging,
see page 13/16.

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

Pushbuttons with extended stroke

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 Green	5 5	3SU1230-0EB20-0AA0 3SU1230-0EB40-0AA0	1 1	1 unit 1 unit	41J 41J
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3SU1230-0FB10-0AA0

Pushbuttons with raised button	Black	3	3SU1230-0FB10-0AA0	1	1 unit	41J
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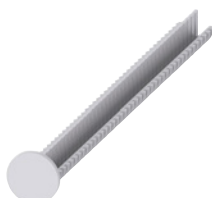


3SU1231-0EB20-0AA0

Pushbuttons with flat transparent button for insertion of insert labels	Red Clear	3 3	3SU1231-0EB20-0AA0 3SU1231-0EB70-0AA0	1 1	1 unit 1 unit	41J 41J
---	--------------	--------	--	--------	------------------	------------

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

Accessories



3SU1900-0KG10-0AA0

Extension plungers	Plastic	Gray	►	3SU1900-0KG10-0AA0	1	1 unit	41J
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For compensation of the distance between the pushbutton and the unlatching button of an overload relay

Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

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

Actuating and signaling elements > Pushbuttons

Selection and ordering data

Multi-unit packaging,
see page 13/16.

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					

Pushbuttons



3SU1030-0AB50-0AR0

Pushbuttons with flat button
Standard

Momentary contact

Black ▶
Black, "O" ▶
Red ▶
Red, "O" ▶
Red, "AUTO" 5 ▶
Yellow ▶
Green ▶
Green, "I" ▶
Blue ▶
Blue, "R" 5 ▶
White ▶
White, "I" ▶
Clear ▶
Gray ▶

3SU1030-0AB10-0AA0
3SU1030-0AB10-0AD0
3SU1030-0AB20-0AA0
3SU1030-0AB20-0AD0
3SU1030-0AB20-0AQ0
3SU1030-0AB30-0AA0
3SU1030-0AB40-0AA0
3SU1030-0AB40-0AC0
3SU1030-0AB50-0AA0
3SU1030-0AB50-0AR0
3SU1030-0AB60-0AA0
3SU1030-0AB60-0AC0
3SU1030-0AB70-0AA0
3SU1030-0AB80-0AA0

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



3SU1030-0AA40-0AA0

Latching
Push to unlatch

Black ▶
Red ▶
Yellow ▶
Green ▶
Blue ▶
White ▶

3SU1030-0AA10-0AA0
3SU1030-0AA20-0AA0
3SU1030-0AA30-0AA0
3SU1030-0AA40-0AA0
3SU1030-0AA50-0AA0
3SU1030-0AA60-0AA0

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



3SU1030-0BB20-0AA0

Pushbuttons with raised button
Standard

Momentary contact

Black ▶
Red ▶
Yellow ▶
Green ▶
Blue ▶
White ▶

3SU1030-0BB10-0AA0
3SU1030-0BB20-0AA0
3SU1030-0BB30-0AA0
3SU1030-0BB40-0AA0
3SU1030-0BB50-0AA0
3SU1030-0BB60-0AA0

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



3SU1030-0CB30-0AA0

Pushbuttons with flat button
Raised

Momentary contact

Black 5
Red 5
Yellow 5
Green 5
Blue 5
White 5

3SU1030-0CB10-0AA0
3SU1030-0CB20-0AA0
3SU1030-0CB30-0AA0
3SU1030-0CB40-0AA0
3SU1030-0CB50-0AA0
3SU1030-0CB60-0AA0

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

Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

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

Actuating and signaling elements > Pushbuttons

Multi-unit packaging,
see page 13/16.

Version of actuating element	Operating principle	Color	SD	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	
Front ring version	Unlatching method		d						
Illuminated pushbuttons with flat button Standard	Momentary contact	Amber	5	3SU1031-0AB00-0AA0		1	1 unit	41J	
		Red	▶	3SU1031-0AB20-0AA0		1	1 unit	41J	
		Yellow	▶	3SU1031-0AB30-0AA0		1	1 unit	41J	
		Green	▶	3SU1031-0AB40-0AA0		1	1 unit	41J	
		Blue	▶	3SU1031-0AB50-0AA0		1	1 unit	41J	
		White	▶	3SU1031-0AB60-0AA0		1	1 unit	41J	
		Clear	▶	3SU1031-0AB70-0AA0		1	1 unit	41J	
		Latching	Red	▶	3SU1031-0AA20-0AA0		1	1 unit	41J
	Push to unlatch		Yellow	▶	3SU1031-0AA30-0AA0		1	1 unit	41J
			Green	▶	3SU1031-0AA40-0AA0		1	1 unit	41J
			Blue	▶	3SU1031-0AA50-0AA0		1	1 unit	41J
			White	▶	3SU1031-0AA60-0AA0		1	1 unit	41J
			Clear	▶	3SU1031-0AA70-0AA0		1	1 unit	41J
Illuminated pushbuttons with raised button Standard	Momentary contact	Red	▶	3SU1031-0BB20-0AA0		1	1 unit	41J	
		Yellow	▶	3SU1031-0BB30-0AA0		1	1 unit	41J	
		Green	▶	3SU1031-0BB40-0AA0		1	1 unit	41J	
		Blue	▶	3SU1031-0BB50-0AA0		1	1 unit	41J	
		Clear	3	3SU1031-0BB70-0AA0		1	1 unit	41J	
Pushbuttons with flat button Raised	Momentary contact	Red	25	3SU1031-0CB20-0AA0		1	100 units	41J	
		Green	25	3SU1031-0CB40-0AA0		1	100 units	41J	

3SU1031-0AB20-0AA0

3SU1031-0AA50-0AA0

3SU1031-0BB40-0AA0

3SU1031-0CB20-0AA0

Commanding and Signaling Devices

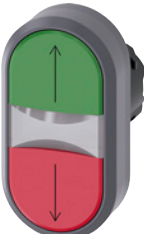
SIRIUS ACT Pushbuttons and Indicator Lights

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

Actuating and signaling elements > Twin pushbuttons/quadruple pushbuttons

Selection and ordering data

Multi-unit packaging,
see page 13/16.

	Version of actuating element	Operating principle	Color	Marking Symbol No.	SD	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
					d					
	Twin pushbuttons flat, flat	Momen- tary contact	Green/Red	-- "I"/"O"	3	3SU1030-3AB42-0AA0		1	1 unit	41J
					▶	3SU1030-3AB42-0AK0		1	1 unit	41J
			White/Black	-- "I"/"O"	3	3SU1030-3AB61-0AA0		1	1 unit	41J
					3	3SU1030-3AB61-0AK0		1	1 unit	41J
			White/White	-- Arrows, vert.	3	3SU1030-3AB66-0AA0		1	1 unit	41J
					5	3SU1030-3AB66-0AN0		1	1 unit	41J
3SU1030-3AB66-0AN0			Black/Black	-- ○ ○ 5264/5265 (IEC 60417)	3	3SU1030-3AB11-0AA0		1	1 unit	41J
					5	3SU1030-3AB11-0AQ0		1	1 unit	41J
	Twin pushbuttons flat, raised	Momen- tary contact	Green/Red	-- "I"/"O"	3	3SU1030-3BB42-0AA0		1	1 unit	41J
					3	3SU1030-3BB42-0AK0		1	1 unit	41J
3SU1030-3BB42-0AK0										
	Twin pushbuttons flat, flat, illuminated	Momen- tary contact	Green/Red	-- "I"/"O"	▶	3SU1031-3AB42-0AA0		1	1 unit	41J
					▶	3SU1031-3AB42-0AK0		1	1 unit	41J
				Arrows, vert.	5	3SU1031-3AB42-0AN0		1	1 unit	41J
			White/Black	-- "I"/"O"	▶	3SU1031-3AB61-0AA0		1	1 unit	41J
					▶	3SU1031-3AB61-0AK0		1	1 unit	41J
			White/White	-- Arrows, vert.	3	3SU1031-3AB66-0AA0		1	1 unit	41J
3SU1031-3AB42-0AN0					5	3SU1031-3AB66-0AN0		1	1 unit	41J
	Twin pushbuttons flat, raised, illuminated	Momen- tary contact	Green/Red	-- "I"/"O"	3	3SU1031-3BB42-0AA0		1	1 unit	41J
					▶	3SU1031-3BB42-0AK0		1	1 unit	41J
			White/Black	-- "I"/"O"	3	3SU1031-3BB61-0AA0		1	1 unit	41J
					3	3SU1031-3BB61-0AK0		1	1 unit	41J
3SU1031-3BB61-0AA0										

Selection and ordering data

	Version of actuating element	Operating principle	Color	Marking	SD	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
					d					
Quadruple pushbuttons NEW										
	Quadruple pushbuttons flat	Momen- tary contact	Black	-- Arrows, vert.; arrows, hor.	5	3SU1030-3FB11-0AA0		1	1 unit	41J
					5	3SU1030-3FB11-0AU0		1	1 unit	41J
3SU1030-3FB11-0AU0										

Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

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

Actuating and signaling elements > Mushroom pushbuttons

Selection and ordering data

Multi-unit packaging,
see page 13/16.

Version of actuating element	Operating principle Unlatching method	Color	SD	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
d								
ons								
Mushroom pushbuttons 30 mm diameter, 2 positions	Momentary contact	Black	▶	3SU1030-1AD10-0AA0		1	1 unit	41J
		Red	▶	3SU1030-1AD20-0AA0		1	1 unit	41J
		Yellow	▶	3SU1030-1AD30-0AA0		1	1 unit	41J
		Green	▶	3SU1030-1AD40-0AA0		1	1 unit	41J
	Latching Pull to unlatch	Black	▶	3SU1030-1AA10-0AA0		1	1 unit	41J
		Red	▶	3SU1030-1AA20-0AA0		1	1 unit	41J
Mushroom pushbuttons 40 mm diameter, 2 positions	Momentary contact	Black	3	3SU1030-1BD10-0AA0		1	1 unit	41J
		Red	3	3SU1030-1BD20-0AA0		1	1 unit	41J
		Yellow	3	3SU1030-1BD30-0AA0		1	1 unit	41J
		Green	3	3SU1030-1BD40-0AA0		1	1 unit	41J
	Latching Pull to unlatch	Black	▶	3SU1030-1BA10-0AA0		1	1 unit	41J
		Red	▶	3SU1030-1BA20-0AA0		1	1 unit	41J
		Red, "O"	5	3SU1030-1BA20-0AD0		1	1 unit	41J
Mushroom pushbuttons 30 mm diameter, 2 positions, illuminated	Momentary contact	Yellow	5	3SU1031-1AD30-0AA0		1	1 unit	41J
		Green	3	3SU1031-1AD40-0AA0		1	1 unit	41J
		Blue	5	3SU1031-1AD50-0AA0		1	1 unit	41J
		White	3	3SU1031-1AD60-0AA0		1	1 unit	41J
		Clear	5	3SU1031-1AD70-0AA0		1	1 unit	41J
	Latching Pull to unlatch	Red	3	3SU1031-1AA20-0AA0		1	1 unit	41J
		Yellow	5	3SU1031-1AA30-0AA0		1	1 unit	41J
Mushroom pushbuttons 40 mm diameter, 2 positions, illuminated	Momentary contact	Yellow	5	3SU1031-1BD30-0AA0		1	1 unit	41J
		Green	5	3SU1031-1BD40-0AA0		1	1 unit	41J
		White	3	3SU1031-1BD60-0AA0		1	1 unit	41J
		Clear	5	3SU1031-1BD70-0AA0		1	1 unit	41J
	Latching Pull to unlatch	Red	3	3SU1031-1BA20-0AA0		1	1 unit	41J
		Yellow	3	3SU1031-1BA30-0AA0		1	1 unit	41J
Mushroom pushbuttons 40 mm diameter, 2 positions	With positive latching Rotate to unlatch	Black	▶	3SU1000-1HB10-0AA0		1	1 unit	41J
		Blue	3	3SU1000-1HB50-0AA0		1	1 unit	41J
Mushroom pushbuttons 40 mm diameter, 2 positions RONIS 455	With positive latching Key-operated release	Black	5	3SU1000-1HG10-0AA0		1	1 unit	41J
Mushroom pushbuttons, 60 mm diameter, 2 positions	With positive latching Rotate to unlatch	Black	X	3SU1000-1JB10-0AA0		1	1 unit	41J

Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

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

Actuating and signaling elements > EMERGENCY STOP mushroom pushbuttons

Selection and ordering data

Multi-unit packaging,
see page 13/16.

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

EMERGENCY STOP mushroom pushbuttons

With pull to unlatch



3SU1000-1HA20-0AA0

With positive latching,
2 positions

40

--

Red



3SU1000-1HA20-0AA0

1

1 unit

41J

With rotate to unlatch



3SU1000-1GB20-0AA0

With positive latching,
2 positions

33.8

--

Red



3SU1000-1GB20-0AA0

1

1 unit

41J

40

--

Red



3SU1000-1HB20-0AA0

1

1 unit

41J



3SU1000-1HB20-0AA0

60

--

Red



3SU1000-1JB20-0AA0

1

1 unit

41J



3SU1000-1JB20-0AA0

With latching,
2 positions

40

--

Red



3SU1000-1LB20-0AA0

1

1 unit

41J



3SU1000-1LB20-0AA0

With rotate to unlatch, can be illuminated



3SU1001-1HB20-0AA0

With positive latching,
2 positions

33.8

--

Red



3SU1001-1GB20-0AA0

1

1 unit

41J

40

--

Red



3SU1001-1HB20-0AA0

1

1 unit

41J

60

--

Red



3SU1001-1JB20-0AA0

1

1 unit

41J

Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

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

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

Multi-unit packaging,
see page 13/16.

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

With key-operated release



3SU1000-1HF20-0AA0

With positive latching, 2 positions

40

RONIS SB30
RONIS 455

Red
Red

2
2

3
3

3SU1000-1HF20-0AA0
3SU1000-1HG20-0AA0

1
1

1 unit
1 unit

41J
41J



3SU1000-1HK20-0AA0

BKS S1
BKS E7
BKS E9

Red
Red
Red

2
0
0

3
3
3

3SU1000-1HK20-0AA0
3SU1000-1HM20-0AA0
3SU1000-1HN20-0AA0

1
1
1

1 unit
1 unit
1 unit

41J
41J
41J



3SU1000-1HQ20-0AA0

O.M.R. 73037

Red

2

3

3SU1000-1HQ20-0AA0

1

1 unit

41J



3SU1000-1HR20-0AA0

CES SSG10
CES SSP9
CES SMS1

Red
Red
Red

2
2
2

3
3
3

3SU1000-1HR20-0AA0
3SU1000-1HS20-0AA0
3SU1000-1HT20-0AA0

1
1
1

1 unit
1 unit
1 unit

41J
41J
41J

Selection and ordering data

Multi-unit packaging,
see page 13/16.

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

Toggle switches



3SU1030-3EA10-0AA0

2

1

Black

Latching
Momentary contact,
reset from above

3
5

3SU1030-3EA10-0AA0
3SU1030-3EC10-0AA0

1
1

1 unit
1 unit

41J
41J

Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

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

Actuating and signaling elements > Selector switches

Selection and ordering data

Multi-unit packaging,
see page 13/16.

Version of actuating element	Operating principle	Color	SD	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
d								
Selector switches								
2 switch positions, can be illuminated								
	Selector, short black actuator	Momentary contact, 45° (10:30/12 o'clock), reset from center to left 	Black	3	3SU1032-2BC10-0AA0	1	1 unit	41J
			Red	▶	3SU1032-2BC20-0AA0	1	1 unit	41J
			Yellow	▶	3SU1032-2BC30-0AA0	1	1 unit	41J
			Green	▶	3SU1032-2BC40-0AA0	1	1 unit	41J
			Blue	▶	3SU1032-2BC50-0AA0	1	1 unit	41J
			White	▶	3SU1032-2BC60-0AA0	1	1 unit	41J
	Selector, short black actuator	Latching, 90° (10:30/1:30 o'clock) 	Black	▶	3SU1032-2BF10-0AA0	1	1 unit	41J
			Red	▶	3SU1032-2BF20-0AA0	1	1 unit	41J
			Yellow	▶	3SU1032-2BF30-0AA0	1	1 unit	41J
			Green	▶	3SU1032-2BF40-0AA0	1	1 unit	41J
			Blue	▶	3SU1032-2BF50-0AA0	1	1 unit	41J
			White	▶	3SU1032-2BF60-0AA0	1	1 unit	41J
	Selector, long black actuator	Latching, 90° (10:30/1:30 o'clock) 	Black	3	3SU1032-2CF10-0AA0	1	1 unit	41J
			Red	3	3SU1032-2CF20-0AA0	1	1 unit	41J
			White	3	3SU1032-2CF60-0AA0	1	1 unit	41J
	Rotary knob	Latching, 90° (10:30/1:30 o'clock) 	Red	3	3SU1032-2AF20-0AA0	1	1 unit	41J
			White	▶	3SU1032-2AF60-0AA0	1	1 unit	41J

3SU1032-2BC40-0AA0

3SU1032-2BF30-0AA0

3SU1032-2CF60-0AA0

3SU1032-2AF20-0AA0

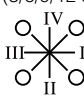
Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

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

Actuating and signaling elements > Selector switches

Multi-unit packaging,
see page 13/16.

Version of actuating element	Operating principle	Color	SD	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
d								
3 switch positions, can be illuminated								
Selector, short black actuator	Momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from left + right	Black	▶	3SU1032-2BM10-0AA0		1	1 unit	41J
		Red	▶	3SU1032-2BM20-0AA0		1	1 unit	41J
		Yellow	▶	3SU1032-2BM30-0AA0		1	1 unit	41J
		Green	▶	3SU1032-2BM40-0AA0		1	1 unit	41J
		Blue	▶	3SU1032-2BM50-0AA0		1	1 unit	41J
		White	▶	3SU1032-2BM60-0AA0		1	1 unit	41J
								
Latching, 2x45° (10:30/12/1:30 o'clock)	Black Red Yellow Green Blue White	▶	3SU1032-2BL10-0AA0		1	1 unit	41J	
		▶	3SU1032-2BL20-0AA0		1	1 unit	41J	
		▶	3SU1032-2BL30-0AA0		1	1 unit	41J	
		▶	3SU1032-2BL40-0AA0		1	1 unit	41J	
		▶	3SU1032-2BL50-0AA0		1	1 unit	41J	
		▶	3SU1032-2BL60-0AA0		1	1 unit	41J	
								
Momentary contact/ latching, 2x45° (10:30/12/1:30 o'clock), reset from left, latching to the right	Black	▶	3SU1032-2BP10-0AA0		1	1 unit	41J	
	Red	5	3SU1032-2BP20-0AA0		1	1 unit	41J	
	Yellow	▶	3SU1032-2BP30-0AA0		1	1 unit	41J	
	Green	▶	3SU1032-2BP40-0AA0		1	1 unit	41J	
	Blue	5	3SU1032-2BP50-0AA0		1	1 unit	41J	
	White	▶	3SU1032-2BP60-0AA0		1	1 unit	41J	
								
Latching/momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from right, latching to the left	Black	3	3SU1032-2BN10-0AA0		1	1 unit	41J	
	Red	▶	3SU1032-2BN20-0AA0		1	1 unit	41J	
	Yellow	▶	3SU1032-2BN30-0AA0		1	1 unit	41J	
	Green	▶	3SU1032-2BN40-0AA0		1	1 unit	41J	
	Blue	▶	3SU1032-2BN50-0AA0		1	1 unit	41J	
	White	▶	3SU1032-2BN60-0AA0		1	1 unit	41J	
								
4 switch positions								
Rotary knob	Latching, 4x90° (3/6/9/12 o'clock)	White	3	3SU1030-2AS60-0AA0		1	1 unit	41J
								

Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

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

Actuating and signaling elements > Key-operated switches

Selection and ordering data

Multi-unit packaging,
see page 13/16.

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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d

Key-operated switches

2 switch positions



3SU1030-4BC01-0AA0

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



RONIS, SB30	O	2	►	3SU1030-4BC01-0AA0	1	1 unit	41J
RONIS, 455	O	2	5	3SU1030-4CC01-0AA0	1	1 unit	41J
O.M.R. 73037, red	O	2	3	3SU1030-4FC01-0AA0	1	1 unit	41J
O.M.R. 73038, light blue	O	2	5	3SU1030-4GC01-0AA0	1	1 unit	41J
O.M.R. 73034, black	O	2	5	3SU1030-4HC01-0AA0	1	1 unit	41J
O.M.R. 73033, yellow	O	2	3	3SU1030-4JC01-0AA0	1	1 unit	41J
CES, SSG10	O	2	►	3SU1030-5BC01-0AA0	1	1 unit	41J
CES, LSG1	O	2	3	3SU1030-5HC01-0AA0	1	1 unit	41J
BKS, S1	O	2	►	3SU1030-5PC01-0AA0	1	1 unit	41J
IKON, 3600 12K1	O	2	3	3SU1030-5XC01-0AA0	1	1 unit	41J
RONIS, SB30	O	2	►	3SU1030-4BF01-0AA0	1	1 unit	41J
	O+I	2	►	3SU1030-4BF11-0AA0	1	1 unit	41J
	I	2	3	3SU1030-4BF21-0AA0	1	1 unit	41J
RONIS, 455	O	2	3	3SU1030-4CF01-0AA0	1	1 unit	41J
	O+I	2	5	3SU1030-4CF11-0AA0	1	1 unit	41J
O.M.R. 73037, red	O	2	3	3SU1030-4FF01-0AA0	1	1 unit	41J
	O+I	2	3	3SU1030-4FF11-0AA0	1	1 unit	41J
O.M.R. 73038, light blue	O	2	3	3SU1030-4GF01-0AA0	1	1 unit	41J
	O+I	2	3	3SU1030-4GF11-0AA0	1	1 unit	41J
O.M.R. 73034, black	O	2	3	3SU1030-4HF01-0AA0	1	1 unit	41J
	O+I	2	3	3SU1030-4HF11-0AA0	1	1 unit	41J
	I	2	5	3SU1030-4HF21-0AA0	1	1 unit	41J
O.M.R. 73033, yellow	O	2	3	3SU1030-4JF01-0AA0	1	1 unit	41J
	O+I	2	5	3SU1030-4JF11-0AA0	1	1 unit	41J
CES, SSG10	O	2	►	3SU1030-5BF01-0AA0	1	1 unit	41J
	O+I	2	►	3SU1030-5BF11-0AA0	1	1 unit	41J
	I	2	3	3SU1030-5BF21-0AA0	1	1 unit	41J
CES, LSG1	O	2	3	3SU1030-5HF01-0AA0	1	1 unit	41J
	O+I	2	3	3SU1030-5HF11-0AA0	1	1 unit	41J
BKS, S1	O	2	3	3SU1030-5PF01-0AA0	1	1 unit	41J
	O+I	2	3	3SU1030-5PF11-0AA0	1	1 unit	41J
	I	2	5	3SU1030-5PF21-0AA0	1	1 unit	41J
BKS, E1	O	0	3	3SU1030-5QF01-0AA0	1	1 unit	41J
	O+I	0	5	3SU1030-5QF11-0AA0	1	1 unit	41J
BKS, E2	O	0	►	3SU1030-5RF01-0AA0	1	1 unit	41J
	O+I	0	3	3SU1030-5RF11-0AA0	1	1 unit	41J
BKS, E7	O	0	►	3SU1030-5SF01-0AA0	1	1 unit	41J
	O+I	0	►	3SU1030-5SF11-0AA0	1	1 unit	41J
BKS, E9	O	0	3	3SU1030-5TF01-0AA0	1	1 unit	41J
	O+I	0	3	3SU1030-5TF11-0AA0	1	1 unit	41J
IKON, 3600 12K1	O	2	►	3SU1030-5XF01-0AA0	1	1 unit	41J
	O+I	2	3	3SU1030-5XF11-0AA0	1	1 unit	41J



3SU1030-4BF01-0AA0

Latching, 90° (10:30/1:30 o'clock)



3SU1030-4FF01-0AA0



3SU1030-5BF01-0AA0



3SU1030-5PF01-0AA0

Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

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

Actuating and signaling elements > Key-operated switches

Multi-unit packaging,
see page 13/16.

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
d									

Key-operated switches



3SU1030-4BM01-0AA0

3 switch positions

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



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



3SU1030-4JL11-0AA0



3SU1030-5BL41-0AA0



3SU1030-5PL01-0AA0

Momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from left + right 	RONIS, SB30	O	2	3	3SU1030-4BM01-0AA0	1	1 unit	41J
	O.M.R. 73037, red	O	2	5	3SU1030-4FM01-0AA0	1	1 unit	41J
	O.M.R. 73034, black	O	2	5	3SU1030-4HM01-0AA0	1	1 unit	41J
	CES, SSG10	O	2	▶	3SU1030-5BM01-0AA0	1	1 unit	41J
	BKS, S1	O	2	3	3SU1030-5PM01-0AA0	1	1 unit	41J
	IKON, 360012K1	O	2	5	3SU1030-5XM01-0AA0	1	1 unit	41J
Latching, 2x45° (10:30/12/1:30 o'clock) 	RONIS, SB30	O	2	3	3SU1030-4BL01-0AA0	1	1 unit	41J
	I+O+II	2	▶	3SU1030-4BL11-0AA0	1	1 unit	41J	
	I	2	5	3SU1030-4BL21-0AA0	1	1 unit	41J	
	II	2	3	3SU1030-4BL31-0AA0	1	1 unit	41J	
	I+II	2	5	3SU1030-4BL41-0AA0	1	1 unit	41J	
	O+I	2	3	3SU1030-4BL51-0AA0	1	1 unit	41J	
	RONIS, 455	O	2	5	3SU1030-4CL01-0AA0	1	1 unit	41J
	I+O+II	2	5	3SU1030-4CL11-0AA0	1	1 unit	41J	
	O.M.R. 73037, red	O	2	5	3SU1030-4FL01-0AA0	1	1 unit	41J
	O+I	2	5	3SU1030-4FL51-0AA0	1	1 unit	41J	
	O.M.R. 73038, light blue	O	2	5	3SU1030-4GL01-0AA0	1	1 unit	41J
	I+O+II	2	3	3SU1030-4GL11-0AA0	1	1 unit	41J	
	O.M.R. 73034, black	O	2	5	3SU1030-4HL01-0AA0	1	1 unit	41J
	I+O+II	2	3	3SU1030-4HL11-0AA0	1	1 unit	41J	
	O.M.R. 73033, yellow	I+O+II	2	5	3SU1030-4JL11-0AA0	1	1 unit	41J
	CES, SSG10	O	2	3	3SU1030-5BL01-0AA0	1	1 unit	41J
	I+O+II	2	▶	3SU1030-5BL11-0AA0	1	1 unit	41J	
	I	2	3	3SU1030-5BL21-0AA0	1	1 unit	41J	
	II	2	3	3SU1030-5BL31-0AA0	1	1 unit	41J	
	I+II	2	3	3SU1030-5BL41-0AA0	1	1 unit	41J	
	O+I	2	5	3SU1030-5BL51-0AA0	1	1 unit	41J	
	BKS, S1	O	2	5	3SU1030-5PL01-0AA0	1	1 unit	41J
	I+O+II	2	3	3SU1030-5PL11-0AA0	1	1 unit	41J	
	I	2	3	3SU1030-5PL21-0AA0	1	1 unit	41J	
II	2	5	3SU1030-5PL31-0AA0	1	1 unit	41J		
I+II	2	5	3SU1030-5PL41-0AA0	1	1 unit	41J		
BKS, E2	I+O+II	0	5	3SU1030-5RL11-0AA0	1	1 unit	41J	
BKS, E9	I+O+II	0	5	3SU1030-5TL11-0AA0	1	1 unit	41J	
IKON, 360012K1	O	2	5	3SU1030-5XL01-0AA0	1	1 unit	41J	
I+O+II	2	5	3SU1030-5XL11-0AA0	1	1 unit	41J		

Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

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

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

Multi-unit packaging,
see page 13/16.

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
d									

Key-operated switches



3SU1030-4BP01-0AA0

3 switch positions

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



RONIS, SB30	O	2	5		3SU1030-4BP01-0AA0		1	1 unit	41J
	II	2	5		3SU1030-4BP31-0AA0		1	1 unit	41J
	O+II	2	5		3SU1030-4BP61-0AA0		1	1 unit	41J
CES, SSG10	O	2	3		3SU1030-5BP01-0AA0		1	1 unit	41J
	II	2	5		3SU1030-5BP31-0AA0		1	1 unit	41J
	O+II	2	3		3SU1030-5BP61-0AA0		1	1 unit	41J

BKS, S1	O	2	3		3SU1030-5PP01-0AA0		1	1 unit	41J
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Latching/momentary
contact, 2x45°
(10:30/12/1:30
o'clock),
reset from right,
latching to the left



RONIS, SB30	O	2	5		3SU1030-4BN01-0AA0		1	1 unit	41J
	I	2	5		3SU1030-4BN21-0AA0		1	1 unit	41J
	O+I	2	5		3SU1030-4BN51-0AA0		1	1 unit	41J
O.M.R. 73038, light blue	O	2	5		3SU1030-4GN01-0AA0		1	1 unit	41J
O.M.R. 73034, black	I	2	5		3SU1030-4HN21-0AA0		1	1 unit	41J

CES, SSG10	O	2	3		3SU1030-5BN01-0AA0		1	1 unit	41J
	I	2	3		3SU1030-5BN21-0AA0		1	1 unit	41J
	O+I	2	3		3SU1030-5BN51-0AA0		1	1 unit	41J



3SU1030-5BN01-0AA0

BKS, S1	I	2	5		3SU1030-5PN21-0AA0		1	1 unit	41J
	O+I	2	5		3SU1030-5PN51-0AA0		1	1 unit	41J
IKON, 360012K1	O+I	2	5		3SU1030-5XN51-0AA0		1	1 unit	41J

Selection and ordering data

Multi-unit packaging,
see page 13/16.

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

ID key-operated switches



3SU1030-4WS10-0AA0

4 switch positions

45°

Latching

Key removal
possible in all
4 positions

Black



3SU1030-4WS10-0AA0	1	1 unit	41J
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For ID keys, see page 13/147.

For electronic modules for ID key-operated switches, see page 13/102.

For plastic holders for ID key-operated switches, see page 13/91.

Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

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

Actuating and signaling elements > Coordinate switches/indicator lights

Selection and ordering data

Multi-unit packaging,
see page 13/16.

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
Coordinate switches									
	No	Momentary contact	Horizontal	▶	3SU1030-7AC10-0AA0		1	1 unit	41J
			Vertical	▶	3SU1030-7AD10-0AA0		1	1 unit	41J
		Latching	Horizontal	▶	3SU1030-7AA10-0AA0		1	1 unit	41J
			Vertical	▶	3SU1030-7AB10-0AA0		1	1 unit	41J
	4	Momentary contact	Horizontal/ Vertical	▶	3SU1030-7AF10-0AA0		1	1 unit	41J
			Latching	▶	3SU1030-7AE10-0AA0		1	1 unit	41J
	Yes	Momentary contact	Horizontal	▶	3SU1030-7BC10-0AA0		1	1 unit	41J
			Vertical	▶	3SU1030-7BD10-0AA0		1	1 unit	41J
		Latching	Horizontal	▶	3SU1030-7BA10-0AA0		1	1 unit	41J
			Vertical	▶	3SU1030-7BB10-0AA0		1	1 unit	41J
	4	Momentary contact	Horizontal/ Vertical	▶	3SU1030-7BF10-0AA0		1	1 unit	41J
			Latching	▶	3SU1030-7BE10-0AA0		1	1 unit	41J

Selection and ordering data

Multi-unit packaging,
see page 13/16.

Type of product	Color	SD	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
	With smooth lens	Amber	3	3SU1001-6AA00-0AA0	1	1 unit	41J
		Red	▶	3SU1001-6AA20-0AA0	1	1 unit	41J
		Yellow	▶	3SU1001-6AA30-0AA0	1	1 unit	41J
		Green	▶	3SU1001-6AA40-0AA0	1	1 unit	41J
		Blue	▶	3SU1001-6AA50-0AA0	1	1 unit	41J
		White	▶	3SU1001-6AA60-0AA0	1	1 unit	41J
		Clear	▶	3SU1001-6AA70-0AA0	1	1 unit	41J
Illuminated pushbutton design							
	--	Red	3	3SU1031-0AD20-0AA0	1	1 unit	41J
		Yellow	5	3SU1031-0AD30-0AA0	1	1 unit	41J
		Green	3	3SU1031-0AD40-0AA0	1	1 unit	41J
		Blue	5	3SU1031-0AD50-0AA0	1	1 unit	41J
		Clear	3	3SU1031-0AD70-0AA0	1	1 unit	41J

3SU1001-6AA20-0AA0

3SU1031-0AD50-0AA0

Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

Actuators and Indicators, Customized Designs

Laser inscriptions

Options

Inscription of actuating and signaling elements

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



Example of laser inscription

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

Version

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

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

Up to 8 characters per line are possible.

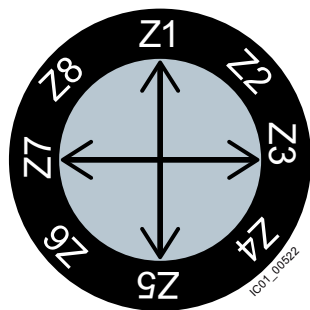
Note:

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

Only selector switches, key-operated switches and toggle switches in the design lines

- 22 mm, plastic, black
 - 22 mm, plastic with metal front ring, matte and
 - Flat, 30 mm, metal, matte
- can be inscribed on the front ring (only one text line and the supplement Y19).

Assignment of the positions on the actuator



Ordering notes

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

For configurator, see

- www.siemens.com/sirius-act/configurator
- Electronic Catalog CA 01 on DVD or
- Industry Mall: www.siemens.com/industrymall

When ordering, add "-Z" and an order code to the article number of the actuator element or the indicator light:

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

When ordering, specify the required inscription in plain text without spaces, in addition to the article number and order code.

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

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

The SIRIUS ACT Configurator must be used to select special inscriptions and symbols (order code Y19). In this case a CIN (Configuration Identification Number) is generated for placement of future orders. It is then possible to place an order directly using the CIN and the SIRIUS ACT Configurator (shopping cart in the Industry Mall) or via the standard ordering channels.

Ordering example 1

A round pushbutton with the inscription Reset is required:

3SU1030-0AB20-0AA0-Z

Y10

Z1=Lift

Z2=Lower

Ordering example 2

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

3SU1030-0AB20-0AA0-Z

Y13

Z=5389 IEC

Ordering example 3

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

3SU1002-2BF10-0AA0-Z

Y11

Z8=0

Z2=I

Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

Holders

Holders without module

Overview

Holders made of plastic can only be attached to actuators and indicators made of plastic (3SU100) or plastic with metal front ring (3SU103).

Metal holders can be attached to all versions of actuators and indicators, with the exception of ID key-operated switches.

Metal holders are automatically grounded by their fastening screw, but a grounding stud can also be fitted.

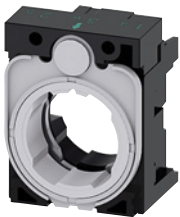
Selection and ordering data

Multi-unit packaging,
see page 13/16.

Version	SD	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
	d					

Holders without module, plastic

3x without module

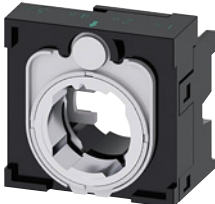


3SU1500-0AA10-0AA0

▶ 3SU1500-0AA10-0AA0 1 5 units 41J

4x without module

For selector switch with
4 switch positions and
for coordinate switches



3SU1500-0BA10-0AA0

▶ 3SU1500-0BA10-0AA0 1 1 unit 41J

Multi-unit packaging,
see page 13/16.

Version	SD	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
	d					

Holders without module, metal

3x without module

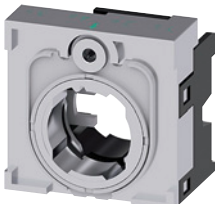


3SU1550-0AA10-0AA0

▶ 3SU1550-0AA10-0AA0 1 5 units 41J

4x without module

For selector switch with
4 switch positions and
for coordinate switches



3SU1550-0BA10-0AA0

▶ 3SU1550-0BA10-0AA0 1 1 unit 41J

Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

Holders

Holders with module

Selection and ordering data

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

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



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

Commanding and Signaling Devices

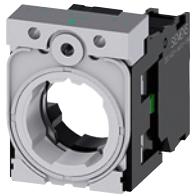
SIRIUS ACT Pushbuttons and Indicator Lights

Holders

Holders with module

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

Holders with module, metal



3SU1550-1AA10-1BA0

3x with module

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

Spring-loaded terminals

2	0	2	0	--	5	3SU1550-1AA10-3NA0	1	1 unit	41J
	0	1	1	--	5	3SU1550-1AA10-3MA0	1	1 unit	41J

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

0	1	0	0	Red	5	3SU1551-1AB20-3AA0	1	1 unit	41J
2	1	1	1	Red	5	3SU1551-1AB20-3MA0	1	1 unit	41J
			1	Yellow	5	3SU1551-1AB30-3MA0	1	1 unit	41J
			1	Green	5	3SU1551-1AB40-3MA0	1	1 unit	41J
			1	Blue	5	3SU1551-1AB50-3MA0	1	1 unit	41J
			1	White	5	3SU1551-1AB60-3MA0	1	1 unit	41J
	2	0	White	X		3SU1551-1AB60-3NA0	1	1 unit	41J
	0	2	White	X		3SU1551-1AB60-3PA0	1	1 unit	41J



3SU1551-1AB20-3MA0

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



Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

Modules for Actuators and Indicators

Contact modules

Overview

Contact modules and LED modules

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

Only LED modules with permanently integrated LEDs are available for illumination.

Contact modules and LED modules bear terminal designations according to EN 50013.

Mounting the modules

With SIRIUS ACT, the modules are mounted on the holder without any further accessories. Holders in plastic or metal versions are available for mounting three modules.

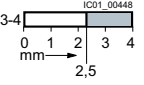
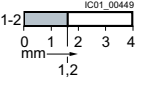
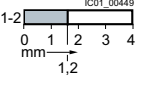
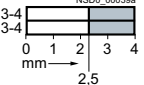
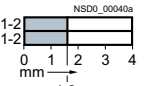
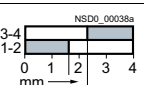
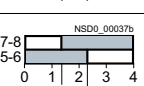
Connection methods

The modules are available with:

- Screw terminals
- Spring-loaded terminals or
- Solder pin connections (0.8 mm × 0.8 mm solder pins) for assembly on printed circuit boards

Selection and ordering data

Multi-unit packaging, see page 13/16.

	Contact version	Number of NO contacts	Number of NC contacts	SD	Screw terminals	PU (UNIT, SET, M)	PS*	PG
				d	Article No.	Price per PU		
Contact modules for front plate mounting								
	Silver alloy	1	0			3SU1400-1AA10-1BA0	1	5 units 41J
		0	1			3SU1400-1AA10-1CA0	1	5 units 41J
		0	1 with installation monitoring ¹⁾			3SU1400-1AA10-1HA0	1	1 unit 41J
		2	0			3SU1400-1AA10-1DA0	1	1 unit 41J
		0	2			3SU1400-1AA10-1EA0	1	1 unit 41J
		1	1			3SU1400-1AA10-1FA0	1	1 unit 41J
		1 leading switching	1 lagging switching			3SU1400-1AA10-1GA0	1	1 unit 41J

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



¹⁾ The contact module has 1 NO internal contact + 1 NC internal contact. The NO contact is connected in series with the NC contact and brought out at terminal 1-2. When the module is snapped onto the holder, the NO contact closes. It opens when the module is detached from the holder again (the NC contact remains closed). The NC contact opens when the EMERGENCY STOP device is actuated (the NO contact remains closed). The contact is closed only when both the NC and NO contacts are closed. Not suitable for installation in 3SU18 enclosure.

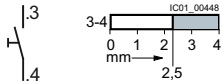
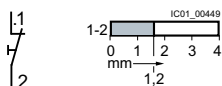
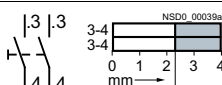
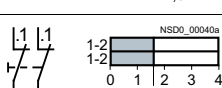
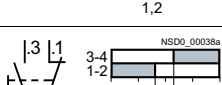
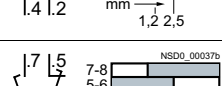
Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

Modules for Actuators and Indicators

Contact modules

Multi-unit packaging,
see page 13/16.

Contact version	Number of		SD	Screw terminals		PU (UNIT, SET, M)	PS*	PG
	NO con- tacts	NC con- tacts						
			d	Article No.	Price per PU			
r front plate mounting								
Gold-plated	1	0		3	3SU1400-1AA10-1LA0	1	1 unit	41J
	0	1		5	3SU1400-1AA10-1MA0	1	1 unit	41J
	2	0		5	3SU1400-1AA10-1NA0	1	1 unit	41J
	0	2		5	3SU1400-1AA10-1PA0	1	1 unit	41J
	1	1		5	3SU1400-1AA10-1QA0	1	1 unit	41J
	1 leading	1 lagging		5	3SU1400-1AA10-1RA0	1	1 unit	41J

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



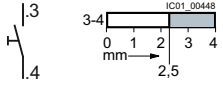
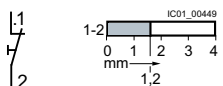
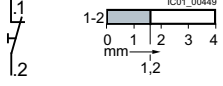
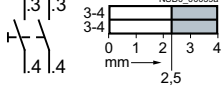
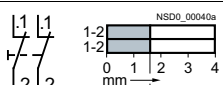
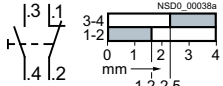
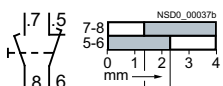
Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

Modules for Actuators and Indicators

Contact modules

Multi-unit packaging,
see page 13/16.

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

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



¹⁾ The contact module has 1 NO internal contact + 1 NC internal contact. The NO contact is connected in series with the NC contact and brought out at terminal 1-2. When the module is snapped onto the holder, the NO contact closes. It opens when the module is detached from the holder again (the NC contact remains closed). The NC contact opens when the EMERGENCY STOP device is actuated (the NO contact remains closed). The contact is closed only when both the NC and NO contacts are closed. Not suitable for installation in 3SU18 enclosure.

Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

Modules for Actuators and Indicators

Contact modules

Multi-unit packaging,
see page 13/16.

Contact version	Number of		SD	Spring-loaded terminals	PU (UNIT, SET, M)	PS*	PG
	NO contacts	NC contacts					
			d	Article No.	Price per PU		

Contact modules for front plate mounting



3SU1400-1AA10-3LA0

Gold-plated	1	0			5	3SU1400-1AA10-3LA0	1	1 unit	41J
	0	1			5	3SU1400-1AA10-3MA0	1	1 unit	41J
	2	0			5	3SU1400-1AA10-3NA0	1	1 unit	41J
	0	2			5	3SU1400-1AA10-3PA0	1	1 unit	41J
	1	1			5	3SU1400-1AA10-3QA0	1	1 unit	41J
	1 leading	1 lagging			5	3SU1400-1AA10-3RA0	1	1 unit	41J

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



Multi-unit packaging,
see page 13/16.

Contact version	Number of		SD	Socket terminals (THT)	PU (UNIT, SET, M)	PS*	PG
	NO contacts	NC contacts					
			d	Article No.	Price per PU		

Contact modules for mounting on printed-circuit boards



3SU1400-3AA10-5BA0

Silver alloy	1	0	▶	3SU1400-3AA10-5BA0	1	1 unit	41J
Gold-plated	0	1	⊕	3SU1400-3AA10-5CA0	1	1 unit	41J

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



Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

Modules for Actuators and Indicators

LED modules

Selection and ordering data

Multi-unit packaging,
see page 13/16.

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

Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

Modules for Actuators and Indicators

LED modules

Multi-unit packaging,
see page 13/16.

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

LED modules for front plate mounting: ATEX Zone 1-2: Intrinsic safety **NEW**



3SU1401-1BB00-1AA2

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



3SU1401-1BB20-3AA2

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

Multi-unit packaging,
see page 13/16.

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

LED modules¹⁾ for mounting on printed-circuit boards



3SU1401-3BA20-5AA0

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

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

Multi-unit packaging,
see page 13/16.

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

LED test modules¹⁾ for front plate mounting



3SU1400-1CK10-1AA0

6 ... 240	6 ... 240	3	3SU1400-1CK10-1AA0	1	1 unit	41J
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¹⁾ Only to be used for SIRIUS ACT LED modules
(6 to 24 V AC/DC, 24 V AC/DC, 24 to 240 V AC/DC).

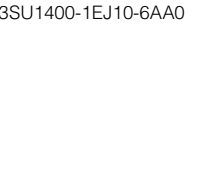
Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

Modules for Actuators and Indicators

AS-Interface modules

Selection and ordering data

Operational voltage	Slave type	Number of digital inputs		Number of digital outputs		SD	Screw terminals + Spring-loaded terminals	PU (UNIT, SET, M)	PS*	PG
		Standard	Safety-related	Standard	Safety-related					
V						d	Article No.	Price per PU		
AS-Interface modules for front plate mounting										
	30	2 F-DI	--	2	--	5	3SU1400-1EA10-2AA0	1	1 unit	41J
		2 F-DI + 1 LED	--	2	1	5	3SU1401-1EE20-2AA0	1	1 unit	41J
		2 F-DI + 1 DQ	--	2	1	5	3SU1400-1EC10-2AA0	1	1 unit	41J
										
	30	2 F-DI	--	2	--	5	Insulation piercing method 			
		2 F-DI + 1 LED	--	2	1	▶	3SU1400-1EA10-4AA0	1	1 unit	41J
							3SU1401-1EE20-4AA0	1	1 unit	41J
										
	30	2 F-DI + 1 DQ	--	2	1	5	Spring-loaded terminals 			
							+ Insulation piercing method 			
							3SU1400-1EC10-4AA0	1	1 unit	41J
										
	30	4 DI/3 DQ AB 4	--	3		5	Spring-loaded terminals (push-in) 			
		4 DI/4 DQ	4	--	4	5	3SU1400-1EJ10-6AA0	1	1 unit	41J
							3SU1400-1EK10-6AA0	1	1 unit	41J
										

Commanding and Signaling Devices

SIRIUS ACT Pushbuttons and Indicator Lights

Modules for Actuators and Indicators

Electronic modules for IO-Link/support terminals

Selection and ordering data

Operational voltage	Slave type	Number of digital inputs	Number of digital outputs	SD	Spring-loaded terminals (push-in)	PU (UNIT, SET, M)	PS*	PG
V				d	Article No.	Price per PU		
Electronic modules for IO-Link, front panel mounting								
24	Freely programmable (default (6 DI/2 DQ))	0 ... 8	0 ... 8	5	3SU1400-1HL10-6AA0	1	1 unit	41J



3SU1400-1HL10-6AA0

Selection and ordering data

Color	SD	Screw terminals	PU (UNIT, SET, M)	PS*	PG
	d	Article No.	Price per PU		
Support terminals					
Black	3	3SU1400-1DA10-1AA0	1	1 unit	41J
Blue	5	3SU1400-1DA50-1AA0	1	1 unit	41J
Green/Yellow	3	3SU1400-1DA43-1AA0	1	1 unit	41J
Spring-loaded terminals					
Black	5	3SU1400-1DA10-3AA0	1	1 unit	41J
Blue	5	3SU1400-1DA50-3AA0	1	1 unit	41J
Green/Yellow	5	3SU1400-1DA43-3AA0	1	1 unit	41J



3SU1400-1DA10-1AA0



3SU1400-1DA50-3AA0