



# Industrial Controls

## SIRIUS ACT

3SU1 Pushbuttons and Signaling Devices

System Manual

Edition

10/2015

## 3SU11 complete units

### 5.1 Product description

The 3SU11 complete units are a modular range of devices for front plate mounting and rear cable connection. Complete units made up of an actuating or signaling element and contact modules and/or LED modules are offered for the most common applications.

The 3SU11 complete units are available in the following versions:

Material	Article number
Plastic	3SU110
Plastic / Metal, matte	3SU113
Metal	3SU115

3SU11 complete units are supplied with the following components:

- An actuating or signaling element in front of the control panel
- A holder for securing behind the control panel
- Up to two contact modules and / or one LED module

The complete units are supplied without the individual components installed.

You can find information on installing in Chapter "Installation (Page 145)".

For further information about contact modules refer to Chapter "3SU14 contact modules and LED modules (Page 165)".

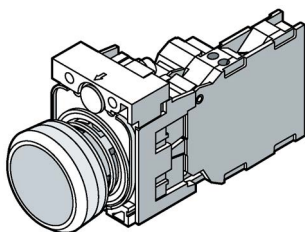
## 5.2 3SU11 devices for use on 3-slot holder

### 5.2.1 Pushbuttons

Pushbuttons are used to actuate contact modules and allow short-time contact or permanent closing / opening of a contact element. The button caps can be replaced from the front by the user.

Pushbuttons are available in different variants according to the following features:

- Height of button
- Height of front ring
- Collar and front ring material
- Colors of the buttons
- Quantity and type of modules included in the scope of supply



Typical diagram

**Pushbuttons** (momentary contact type)

	Number of modules	Number of NO contacts	Number of NC contacts	Flat button	Raised button
<b>Collar / Front ring material</b>				<b>Article number</b>	

**Plastic / Plastic**Siemens Industry Mall (<http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10226606>)

• Black	1	1	0	3SU1100-0AB10-xBA0	—
	1	0	1	3SU1100-0AB10-xCA0	3SU1100-0BB10-1CA0 <sup>1)</sup>
• Red	1	1	0	3SU1100-0AB20-xBA0	—
	1	0	1	3SU1100-0AB20-xCA0	3SU1100-0BB20-1CA0 <sup>1)</sup>
• Yellow	1	1	0	3SU1100-0AB30-xBA0	—
• Green	1	1	0	3SU1100-0AB40-xBA0	—
• Blue	1	1	0	3SU1100-0AB50-xBA0	3SU1100-0BB50-1BA0 <sup>1)</sup>
• White	1	1	0	3SU1100-0AB60-xBA0	—
• Clear	1	1	0	3SU1100-0AB70-1BA0 <sup>1)</sup>	—

**Plastic / Metal, matte**Siemens Industry Mall (<http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221496>)

	Number of modules	Number of NO contacts	Number of NC contacts	Flat button	Raised button
• Black	1	1	0	3SU1130-0AB10-xBA0	—
	1	0	1	3SU1130-0AB10-xCA0	—
• Red	1	1	0	3SU1130-0AB20-xBA0	—
	1	0	1	3SU1130-0AB20-xCA0	—
• Yellow	1	1	0	3SU1130-0AB30-xBA0	—
• Green	1	1	0	3SU1130-0AB40-xBA0	—
• Blue	1	1	0	3SU1130-0AB50-xBA0	—
• White	1	1	0	3SU1130-0AB60-xBA0	—

<b>Metal / Metal</b>					
Siemens Industry Mall ( <a href="http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221497">http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221497</a> )					
	Number of modules	Number of NO contacts	Number of NC contacts	Flat button	Raised button
• Black	1	1	0	3SU1150-0AB10-xBA0	—
	1	0	1	3SU1150-0AB10-xCA0	3SU1150-0BB10-1CA0 <sup>1)</sup>
• Red	1	1	0	3SU1150-0AB20-xBA0	---
	1	0	1	3SU1150-0AB20-xCA0	3SU1150-0BB20-1CA0 <sup>1)</sup>
• Yellow	1	1	0	3SU1150-0AB30-xBA0	—
• Green	1	1	0	3SU1150-0AB40-xBA0	—
• Blue	1	1	0	3SU1150-0AB50-xBA0	—
• White	1	1	0	3SU1150-0AB60-xBA0	—

x: 1 = screw terminals

x: 3 = spring-loaded terminals

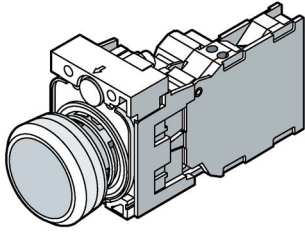
<sup>1)</sup> Available only with screw terminals

## 5.2.2 Illuminated pushbuttons

Illuminated pushbuttons are used to actuate contact modules and can also function as display devices by means of an LED module. The buttons can be replaced from the front by the user.

The illuminated pushbuttons are available in different variants according to the following features:

- Height of button
- Collar and front ring material
- Colors of the buttons
- Illumination
- Quantity and type of modules included in the scope of supply



Typical diagram

**Illuminated pushbuttons** (momentary contact type)

Collar / Front ring material	Number of modules	Number of NO contacts	Number of NC contacts	Article number
<b>Plastic / Plastic</b>				
Siemens Industry Mall ( <a href="http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221496">http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221496</a> )				
• Red	1	1	0	3SU110y-0AB20-xBA0
	1	0	1	3SU110y-0AB20-xCA0
• Yellow	1	1	0	3SU110y-0AB30-xBA0
• Green	1	1	0	3SU110y-0AB40-xBA0
• Blue	1	1	0	3SU110y-0AB50-xBA0
• White	1	1	0	3SU110y-0AB60-xBA0
• Clear	1	1	0	3SU1100-0AB70-xBA0
<b>Plastic / Metal, matte</b>				
Siemens Industry Mall ( <a href="http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10226606">http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10226606</a> )				
	Number of modules	Number of NO contacts	Number of NC contacts	Article number
• Red	1	1	0	3SU113y-0AB20-xBA0
	1	0	1	3SU113y-0AB20-xCA0
• Yellow	1	1	0	3SU113y-0AB30-xBA0
• Green	1	1	0	3SU113y-0AB40-xBA0
• Blue	1	1	0	3SU113y-0AB50-xBA0
• White	1	1	0	3SU113y-0AB60-xBA0
• Clear	1	1	0	3SU113y-0AB70-xBA0

<b>Metal / Metal</b>				
Siemens Industry Mall ( <a href="http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221497">http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221497</a> )				
	Number of modules	Number of NO contacts	Number of NC contacts	Article number
• Amber	1	1	0	3SU115y-0AB00-xBA0
• Red	1	1	0	3SU115y-0AB20-xBA0
	1	0	1	3SU115y-0AB20-xCA0
• Yellow	1	1	0	3SU115y-0AB30-xBA0
• Green	1	1	0	3SU115y-0AB40-xBA0
• Blue	1	1	0	3SU115y-0AB50-xBA0
• White	1	1	0	3SU115y-0AB60-xBA0
• Clear	1	1	0	3SU115y-0AB70-xBA0

x: 1 = screw terminals

x: 3 = spring-loaded terminals

y: 2 = 24 V AC/DC LED

y: 3 = 110 V AC LED

y: 6 = 230 V AC LED

#### Note

Not all combinations listed in the tables are available. In the case of special versions, please consult Technical Assistance, or initiate a P1000 request.



### 5.2.3 Mushroom pushbuttons

#### Overview of 40 mm diameter mushroom pushbuttons

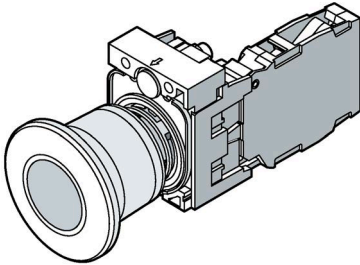
Mushroom pushbuttons are used to actuate contact modules.

Their large, easily accessible button surface makes them easy to operate with the whole palm of the hand.

The actuator is available in diameter 40 mm.

Mushroom pushbuttons are available in different variants according to the following features:

- Collar and front ring material
- Quantity and type of modules included in the scope of supply



Typical diagram

Collar / Front ring material	Number of modules	Number of NO contacts	Number of NC contacts	Article number
<b>Plastic / Plastic</b>				
Siemens Industry Mall ( <a href="http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221498">http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221498</a> )				
• Red	1	0	1	3SU1100-1BA20-xCA0
<b>Plastic / Metal, matte</b>				
Siemens Industry Mall ( <a href="http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10226607">http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10226607</a> )				
• Red	1	0	1	3SU1130-1BA20-1CA0
<b>Metal / Metal</b>				
Siemens Industry Mall ( <a href="http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221499">http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221499</a> )				
• Red	1	0	1	3SU1150-1BA20-xCA0

x: 1 = screw terminals

x: 3 = spring-loaded terminals

## 5.2.4 EMERGENCY STOP mushroom pushbuttons

EMERGENCY STOP mushroom pushbuttons are devices for actuating contact modules, and they are used in conjunction with a safety relay to bring a machine / plant to a safe state.

The EMERGENCY STOP mushroom pushbuttons are equipped with tamper protection (trigger action). The EMERGENCY STOP mushroom pushbutton does not latch without generating an EMERGENCY STOP signal. The EMERGENCY STOP signal is maintained until the EMERGENCY STOP device is reset (unlatched).

All SIRIUS ACT EMERGENCY STOP mushroom pushbuttons comply with DIN EN ISO 13850.

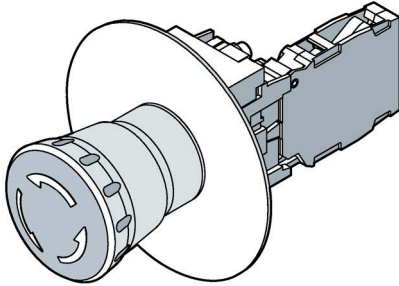
These pushbuttons are operated by pressure applied by the whole palm of the hand.

The actuators are available in diameter 40 mm.

EMERGENCY STOP mushroom pushbuttons are available in different variants according to the following features:

- Collar and front ring material
- Colors (special variants)
- Switching function: latching
- Rotate to unlatch
- Pull to unlatch
- Quantity and type of modules included in the scope of supply

## Overview of 40 mm diameter EMERGENCY STOP mushroom pushbuttons, rotate-to-unlatch type



Typical diagram

Collar / Front ring material	Number of modules	Number of NO contacts	Number of NC contacts	Article number
<b>Plastic / Plastic</b>				
Siemens Industry Mall ( <a href="http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221500">http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221500</a> )				
• Red	1	0	1	3SU1100-1HB20-xCy0
	1	1	1	3SU1100-1HB20-xFy0
	1	0	2	3SU1100-1LB20-xPy0
<b>Metal / Metal</b>				
Siemens Industry Mall ( <a href="http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221501">http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221501</a> )				
• Red	1	0	1	3SU1150-1HB20-xCy0
	1	1	1	3SU1150-1HB20-xFy0
	1	0	2	3SU1150-1LB20-xPy0

x: 1 = screw terminals

x: 3 = spring-loaded terminals

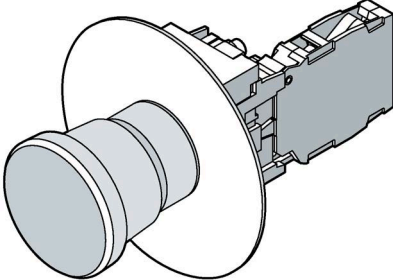
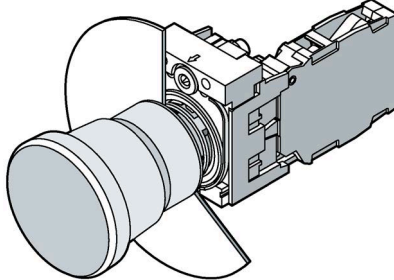
y: F = without backing plate

y: G = backing plate: EMERGENCY STOP

y: H = backing plate: NOT-HALT

y: J = backing plate: ARRET D'URGENCE

## Overview of 40 mm diameter EMERGENCY STOP mushroom pushbuttons, pull-to-unlatch type

				
Typical diagram			Typical diagram	
Collar / Front ring material	Number of modules	Number of NO contacts	Number of NC contacts	Article number
<b>Plastic / Plastic</b>				
Siemens Industry Mall ( <a href="http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221500">http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221500</a> )				
• Red	1	0	1	3SU1100-1HA20-xCy0
	1	1	1	3SU1100-1HA20-xFy0
<b>Metal / Metal</b>				
Siemens Industry Mall ( <a href="http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221501">http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221501</a> )				
• Red	1	0	1	3SU1150-1HA20-xCy0
	1	1	1	3SU1150-1HA20-xFy0

x: 1 = screw terminals

x: 3 = spring-loaded terminals

y: F = without backing plate

y: G = backing plate: EMERGENCY STOP

y: H = backing plate: NOT-HALT

y: J = backing plate: ARRET D'URGENCE

**Note**

Not all combinations listed in the tables are available. In the case of special versions, please consult Technical Assistance, or initiate a P1000 request.

### 5.2.5 Indicator lights

Indicator lights function as indicators and signaling devices. They are equipped with a smooth-surfaced lens that cannot be replaced by the user

Indicator lights are available in different variants according to the following features:

- Collar and front ring material
- Colors
- Quantity and type of LED modules included in the scope of supply

Indicator lights with holder (available with screw terminals and spring-loaded terminals)	
Collar / Front ring material	Article number
<b>Plastic / Plastic</b>	
Siemens Industry Mall ( <a href="http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221512">http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221512</a> )	
• Amber	3SU110y-6AA00-xAA0
• Red	3SU110y-6AA20-xAA0
• Yellow	3SU110y-6AA30-xAA0
• Green	3SU110y-6AA40-xAA0
• Blue	3SU110y-6AA50-xAA0
• White	3SU110y-6AA60-xAA0
• Clear	3SU110y-6AA70-xAA0
<b>Metal / Metal</b>	
Siemens Industry Mall ( <a href="http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221513">http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221513</a> )	
• Amber	3SU115y-6AA00-xAA0
• Red	3SU115y-6AA20-xAA0
• Yellow	3SU115y-6AA30-xAA0
• Green	3SU115y-6AA40-xAA0
• Blue	3SU115y-6AA50-xAA0
• White	3SU115y-6AA60-xAA0
• Clear	3SU115y-6AA70-xAA0

x: 1 = screw terminals

x: 2 = spring-loaded terminals

y: 2 = variant with LED: 24 V AC/DC

y: 3 = variant with LED: 110 V AC

y: 6 = variant with LED: 230 V AC

#### Note

Not all combinations listed in the tables are available. In the case of special versions, please consult Technical Assistance, or initiate a P1000 request.

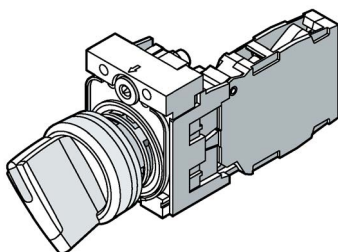
## 5.2.6 Selector switches

The selector switch is an actuator with 2 or 3 switch positions. Thanks to the rotary actuation, up to 3 contact modules can be operated with momentary contact or latching operation. The fiber-optic conductor integrated into the actuator can be illuminated using an LED module.

Selector switches are available in different variants according to the following features:

- Switch positions
- Collar and front ring material
- Quantity and type of modules included in the scope of supply

### Short black actuator, 2 switch positions, latching





Typical diagram

Collar / Front ring material	Number of modules	Number of NO contacts	Number of NC contacts	Article number
				Latching, 90° (10:30/1:30 o'clock)
<b>Plastic / Plastic</b>				
Siemens Industry Mall ( <a href="http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221504">http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221504</a> )				
• White	1	0	1	3SU1100-2BF60-xBA0
	1	1	1	3SU1100-2BF60-xMA0
<b>Plastic / Metal, matte</b>				
Siemens Industry Mall ( <a href="http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10226609">http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10226609</a> )				
• White	1	0	1	3SU1130-2BF60-xBA0
	1	1	1	3SU1130-2BF60-xMA0
<b>Metal / Metal</b>				
Siemens Industry Mall ( <a href="http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221505">http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221505</a> )				
• White	1	0	1	3SU1150-2BF60-xBA0
	1	1	1	3SU1150-2BF60-xMA0

x: 1 = screw terminals

x: 3 = spring-loaded terminals

## Short black actuator, 3 switch positions

Collar / Front ring material	Number of modules	Number of NO contacts	Number of NC contacts	Article number	
				Latching 2x45° 	Momentary contact 2x45° reset from left + right 
<b>Plastic / Plastic</b> Siemens Industry Mall ( <a href="http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221504">http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221504</a> )					
• White	2	2	2	3SU1100-2BL60-xLA0	3SU1100-2BM60-xLA0
	2	2	0	3SU1100-2BL60-xNA0	3SU1100-2BM60-xNA0
<b>Plastic / Metal, matte</b> Siemens Industry Mall ( <a href="http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10226609">http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10226609</a> )					
• White	2	2	0	3SU1130-2BL60-xLA0	3SU1130-2BM60-xLA0
	2	2	0	3SU1130-2BL60-xNA0	3SU1130-2BM60-xNA0
<b>Metal / Metal</b> Siemens Industry Mall ( <a href="http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221505">http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221505</a> )					
• White	2	2	0	3SU1150-2BL60-xLA0	3SU1150-2BM60-xLA0
	2	2	0	3SU1150-2BL60-xNA0	3SU1150-2BM60-xNA0

x: 1 = screw terminals

x: 3 = spring-loaded terminals

**Note**

Not all combinations listed in the tables are available. In the case of special versions, please consult Technical Assistance, or initiate a P1000 request.

### 5.2.7 Key-operated switches

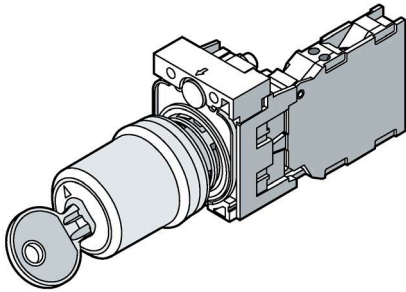
Key-operated switches are equipped with a lock for safety reasons. Only an authorized group of persons who have access to the relevant key can perform a switching operation (in this case, actuation of contact modules). Up to 3 switch positions can be temporarily or permanently selected using a key-operated switch.

Key-operated switches are available in different variants according to the following features:

- Key-operated switch manufacturer
- Key removal positions
- Switch positions
- Collar and front ring material
- Color of actuators
- Quantity and type of modules included in the scope of supply



With Ronis SB30 lock, 2 switch positions; key removal in any position




Typical diagram

Collar / Front ring material	Number of modules	Number of NO contacts	Number of NC contacts	Article number
Latching, 90° (10:30/1:30 o'clock)				
<b>Plastic / Plastic</b>				
Siemens Industry Mall ( <a href="http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221510">http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221510</a> )				
• Black	1	0	1	3SU1100-4BF11-xBA0
	1	1	1	3SU1100-4BF11-xFA0
<b>Plastic / Metal, matte</b>				
Siemens Industry Mall ( <a href="http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10226615">http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10226615</a> )				
• Black	1	0	1	3SU1130-4BF11-xBA0
	1	1	1	3SU1130-4BF11-xFA0
<b>Metal / Metal</b>				
Siemens Industry Mall ( <a href="http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221511">http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221511</a> )				
• Black	1	0	1	3SU1150-4BF11-xBA0
	1	1	1	3SU1150-4BF11-xFA0

x: 1 = screw terminals


x: 3 = spring-loaded terminals

## With CES SSG10 lock, 2 switch positions; key removal in any position

Collar / Front ring material	Number of modules	Number of NO contacts	Number of NC contacts	Article number
Latching, 90°(10:30/1:30 o'clock)				
				
<b>Plastic / Plastic</b> Siemens Industry Mall ( <a href="http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221510">http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221510</a> )				
• Black	1	0	1	3SU1100-5BF11-3FA0 <sup>1)</sup>

1) Spring-loaded terminal

## With Ronis SB30 lock, 3 switch positions; key removal in any position

Collar / Front ring material	Number of modules	Number of NO contacts	Number of NC contacts	Article number
Latching, 2x45°(10:30/12/1:30 o'clock)				
				
<b>Plastic / Plastic</b> Siemens Industry Mall ( <a href="http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221510">http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10221510</a> )				
• Black	1	2	0	3SU1100-4BL11-1NA0 <sup>2)</sup>
<b>Plastic / Metal, matte</b> Siemens Industry Mall ( <a href="http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10226615">http://mall.industry.siemens.com/mall/en/en/Catalog/Products/10226615</a> )				
• Black	1	2	0	3SU1130-4BL11-1NA0 <sup>2)</sup>

2) Screw terminal

## 5.3 3SU11 devices for use on 4-slot holder

### 5.3.1 Coordinate switches

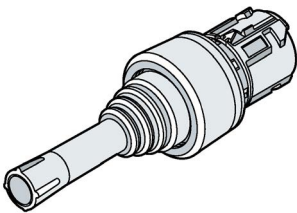
Coordinate switches are used to temporarily or permanently select up to 4 positions. They are operated by a vertical and horizontal movement using several fingers. Only one position on the holder is actuated in each case. The coordinate switch is suitable for simple navigation tasks thanks to its 4 selectable directions.

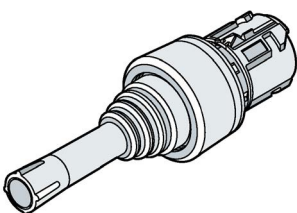
Coordinate switches are available in different variants according to the following features:

- Switch positions
- Collar and front ring material
- Locking (in the middle position)

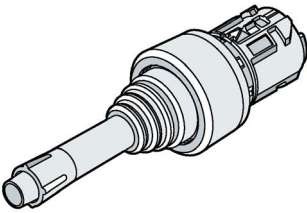
A holder for 4 modules (3SU15.0-0BA10-0AA0) is required to install any of the devices listed below (see also Chapter "Holders (Page 42)"). For further information refer to Chapter "Mounting (Page 145)"

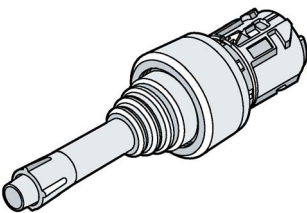
## Without mechanical interlock

 <p>Typical diagram</p>						2 switch positions
Collar / Front ring material	Operating principle	Direction of actuation	Number of modules	Number of NO contacts	Number of NC contacts	Article number
Plastic / Plastic	Momentary contact	Horizontal	2	2	0	3SU1100-7AC10-1NA0
		Vertical	2	2	0	3SU1100-7AD10-1NA0
Plastic / Metal, matte	Momentary contact	Horizontal	2	2	0	3SU1130-7AC10-1NA0
		Vertical	2	2	0	3SU1130-7AD10-1NA0
Metal / Metal	Momentary contact	Horizontal	2	2	0	3SU1150-7AC10-1NA0
		Vertical	2	2	0	3SU1150-7AD10-1NA0

 <p>Typical diagram</p>						4 switch positions
Collar / Front ring material	Operating principle	Direction of actuation	Number of modules	Number of NO contacts	Number of NC contacts	Article number
Plastic / Plastic	Momentary contact	Horizontal	4	4	0	3SU1100-7AF10-1QA0
Plastic / Metal, matte	Momentary contact	Horizontal	4	4	0	3SU1130-7AF10-1QA0
Metal / Metal	Momentary contact	Horizontal	4	4	0	3SU1150-7AF10-1QA0

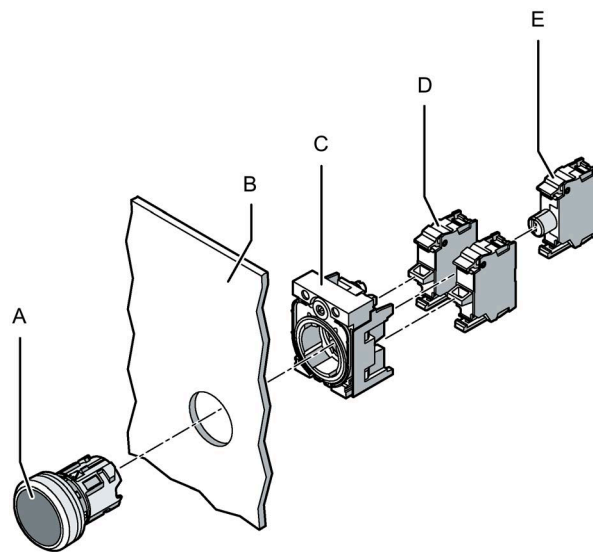
## With mechanical interlock

 <p>Typical diagram</p>						2 switch positions
Collar / Front ring material	Operating principle	Direction of actuation	Number of modules	Number of NO contacts	Number of NC contacts	Article number
Plastic / Plastic	Momentary contact	Horizontal	2	2	0	3SU1100-7BC10-1NA0
		Vertical	2	2	0	3SU1100-7BD10-1NA0
Plastic / Metal, matte	Momentary contact	Horizontal	2	2	0	3SU1130-7BC10-1NA0
		Vertical	2	2	0	3SU1130-7BD10-1NA0
Metal / Metal	Momentary contact	Horizontal	2	2	0	3SU1150-7BC10-1NA0
		Vertical	2	2	0	3SU1150-7BD10-1NA0

 <p>Typical diagram</p>						4 switch positions
Collar / Front ring material	Operating principle	Direction of actuation	Number of modules	Number of NO contacts	Number of NC contacts	Article number
Plastic / Plastic	Momentary contact	Horizontal	4	4	0	3SU1100-7BF10-1QA0
Plastic / Metal, matte	Momentary contact	Horizontal	4	4	0	3SU1130-7BF10-1QA0
Metal / Metal	Momentary contact	Horizontal	4	4	0	3SU1150-7BF10-1QA0

## 5.4 Mounting

### 5.4.1 Front plate mounting



- A Actuating element
- B Front plate
- C Holder
- D Contact module
- E LED module

#### Procedure

1. Remove the components of the complete unit from the packaging
2. Insert the actuating or signaling element (A) from the front through the mounting opening of the front plate (B).
3. Fit the holder (C) from behind (wiring side) onto the actuating or signaling element and lock it into place.
4. The unit must be aligned before it is finally tightened and secured against twisting (see Chapter "Alignment").
5. Turn the screw at the holder until the actuating or signaling element is fixed securely and cannot vibrate or twist (tightening torque 1.0 ... 1.2 Nm).
6. Snap the contact module(s) (D) from behind onto the holder. To do this, hold the modules so that they are tilted downwards slightly and place them onto the holder from behind and then press them upwards until you feel the module latch in the holder.
7. Mount an LED module (E), if necessary. You can mount the LED module on the holder only in position 3/6 (center position).