## General data

### Modules for actuators and indicators

| Digit of the Article No. | | 1st - 4th | 5th | 6th | 7th | | 8th | 9th | 10th | 11th | 12th | | 13th | 14th | 15th | 16th |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | □□□□ | □ | □ | □ | – | □ | □ | □ | □ | □ | – | □ | □ | □ | □ |
| **SIRIUS ACT pushbuttons and indicator lights** | | **3SU1** | | | | | | | | | | | | | | |
| Device type | 4 = modules for actuators and indicators | | **4** | | | | | | | | | | | | | |
| Material (front ring) | 0 = plastic, black | | | □ | | | | | | | | | | | | |
| Illumination | 0 = non-illuminated<br>1 = illuminated | | | | □ | | | | | | | | | | | |
| Type of mounting | 1 = front plate mounting<br>2 = base mounting<br>3 = printed-circuit board | | | | | | □ | | | | | | | | | |
| Module type | A = contact module<br>B = LED module<br>C = LED test module<br>D = support terminal<br>E = AS-Interface module<br>G = electronic module for ID key-operated switch | | | | | | | □ | | | | | | | | |
| Function/voltage | e.g. B = 24 V AC/DC | | | | | | | | □ | | | | | | | |
| Color | e.g. 10 = black, 20 = red | | | | | | | | | □ | □ | | | | | |
| Connection method | 1 = screw terminals<br>2 = screw terminals + insulation piercing method<br>3 = spring-type terminals<br>4 = spring-type terminals + insulation piercing method<br>5 = socket terminals | | | | | | | | | | | | □ | | | |
| Module equipment incl. contact material | e.g.<br>A = none<br>B = 1 NO contact, silver<br>C = 1 NC contact, silver | | | | | | | | | | | | | □ | | |
| Marking | A = none | | | | | | | | | | | | | | □ | |
| Ambient condition | 0 = standard, 1 = ATEX | | | | | | | | | | | | | | | □ |
| **Example** | | **3SU1** | **4** | **0** | **0** | **–** | **1** | **A** | **A** | **1** | **0** | **–** | **1** | **B** | **A** | **0** |

### Holders

| Digit of the Article No. | | 1st - 4th | 5th | 6th | 7th | | 8th | 9th | 10th | 11th | 12th | | 13th | 14th | 15th | 16th |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | □□□□ | □ | □ | □ | – | □ | □ | □ | □ | □ | – | □ | □ | □ | □ |
| **SIRIUS ACT pushbuttons and indicator lights** | | **3SU1** | | | | | | | | | | | | | | |
| Device type | 5 = holder | | **5** | | | | | | | | | | | | | |
| Material (front ring) | 0 = plastic, black<br>5 = metal, shiny | | | □ | | | | | | | | | | | | |
| Illumination | 0 = non-illuminated<br>1 = illuminated | | | | □ | | | | | | | | | | | |
| Type of mounting | 0 = none<br>1 = front plate mounting | | | | | | □ | | | | | | | | | |
| Holder type | A = 3x A<br>B = 4x B | | | | | | | □ | | | | | | | | |
| Function/voltage | A = none<br>G = 6 ... 24 V AC/DC | | | | | | | | □ | | | | | | | |
| Color | e.g. 10 = black, 20 = red | | | | | | | | | □ | □ | | | | | |
| Connection method | 0 = none<br>1 = screw terminals | | | | | | | | | | | | □ | | | |
| Module equipment incl. contact material and slot | e.g.<br>A = none<br>B = 1 NO contact, silver<br>C = 1 NC contact, silver | | | | | | | | | | | | | □ | | |
| Marking | A = none | | | | | | | | | | | | | | □ | |
| Ambient condition | 0 = standard, 1 = ATEX | | | | | | | | | | | | | | | □ |
| **Example** | | **3SU1** | **5** | **0** | **0** | **–** | **0** | **A** | **A** | **1** | **0** | **–** | **0** | **A** | **A** | **0** |

Note:

The Article No. scheme is presented here merely for information purposes and for better understanding of the logic behind the article numbers.
For your orders, please use the article numbers quoted in the Catalog in the Selection and ordering data.

## General data

### Benefits

***Highlights of SIRIUS ACT***

Design

- Improved look of the system
- Combination of design and functionality

Easy handling

- Self-explanatory and fast installation
- One-handed installation
- 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
- Simple geometry for mounting holes

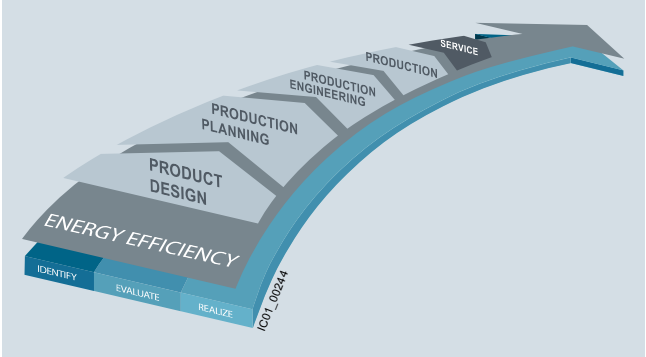
Ruggedness

- Media resistance
- Suitable for use in extreme environments
- Design stability according to use

Communication

- Connection to the most commonly used communication systems (PROFINET, AS-Interface, IO-Link)
- Can be integrated easily via the TIA Portal

***Advantages through energy efficiency***




Energy management in industry

Overview of the energy management process

We offer you a unique portfolio for industrial energy management, using an energy management system that helps to optimally define your energy needs. We split up our industrial energy management into three phases – identify, evaluate, and realize – and we support you with the appropriate hardware and software solutions in every process phase.

The innovative products of the SIRIUS industrial controls portfolio can also make a substantial contribution to a plant's energy efficiency (see www.siemens.com/sirius/energysaving).

SIRIUS ACT pushbuttons and indicator lights contribute to energy efficiency throughout the plant as follows:

- Lower power consumption by means of LED technology
- Long service life

### Application

***Environmental conditions***

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

***"Intrinsic safety" type of protection EEx i according to ATEX directive 94/9/EC***

The pushbuttons and indicator lights can also be used in hazardous areas. Special versions of the 3SU1400 contact modules and 3SU1401 LED modules (only with screw terminals).

Explosion protection category for dust:
II 2D Ex tb IIIC T120°C Db

***Safety EMERGENCY STOP pushbuttons according to ISO 13850***

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

***Safety circuits***

The IEC 60947-5-1 and EN 60947-5-1 standards require positive opening. This means that for the purposes of personal safety, the assured opening of NC contacts is expressly stipulated for the electrical equipment of machines in all safety circuits and marked 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, the 3RK3 Modular Safety System (see Catalog IC 14, Chapter 13, "Safety Systems"") 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 module
- AS-Interface module in safety-related version for EMERGENCY STOP mushroom pushbutton
- Ready-fitted AS-Interface enclosures with 1 to 6 command points

***IO-Link***

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

## Technical specifications

| Type | | 3SU1..0-.AA<br>3SU1..0-.JA | 3SU1..1-.AA<br>3SU1..1-.JA | 3SU1..0-.AB<br>3SU1..0-.BB<br>3SU1..0-.CB<br>3SU1..0-.DB<br>3SU1..0-.JB | 3SU1..1-.AB<br>3SU1..1-.BB<br>3SU1..1-.JB | 3SU1..0-.HC |
|---|---|---|---|---|---|---|
| Product version | | **Pushbutton** | | | | |
| **Operating principle of actuating element** | | Latching | | Momentary contact | | Momentary contact, latching |
| **Optional expansion of product by light source** | | No | Yes | No | Yes | No |
| **Mechanical endurance (operating cycles) typical** | | 1 000 000 | | 10 000 000 | 3 000 000 | 1 000 000 |
| **Switching frequency maximum** | 1/h | 1 800 | | 3 600 | | 1 800 |
| **Shock resistance for devices without incandescent lamp** acc. to IEC 60068-2-27 | | 11 ms, 50 *g*, half-sine | | | | |
| **Vibration resistance** acc. to IEC 60068-2-6 | | 20 ... 500 Hz: 5 *g* | | | | |
| **IP degree of protection** | | IP66, IP67, IP69K; NEMA Type 1, 3, 3R, 4, 4X, 12[1] | | | | |
| **Climate class in operation** acc. to EN 60721 | | 3K6, 3C3, 3S2, 3M6 | | | | |
| **Ambient temperature** | | | | | | |
| • During operation | °C | -25 … +70 | | | | |
| • During storage | °C | -40 … +80 | | | | |

| Type | | 3SU1.00-.AA | 3SU1.00-.BA<br>3SU1.00-.CA<br>3SU1.30-.AA<br>3SU1.30-.BA<br>3SU1.50-.AA<br>3SU1.50-.BA<br>3SU1.50-.CA | 3SU1.50-.EA | 3SU1.01-.AA<br>3SU1.01-.BA<br>3SU1.51-.AA<br>3SU1.51-.BA<br>3SU1.51-.CA | 3SU1.00-.AD<br>3SU1.00-.BD<br>3SU1.00-.CD<br>3SU1.30-.AD<br>3SU1.30-.BD<br>3SU1.50-.AD<br>3SU1.50-.BD<br>3SU1.50-.CD | 3SU1.50-.ED | 3SU1.01-.AD<br>3SU1.01-.BD<br>3SU1.31-.AD<br>3SU1.31-.BD |
|---|---|---|---|---|---|---|---|---|
| Product version | | **Mushroom pushbutton** | | | | | | |
| **Operating principle of 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 | 3 600 | 1 800 | | | 3 600 | 1 800 | 3 600 |
| **Shock resistance for devices without incandescent lamp** acc. to IEC 60068-2-27 | | 11 ms, 50 *g*, half-sine | | | | | | |
| **Vibration resistance** acc. to IEC 60068-2-6 | | 20 ... 500 Hz: 5 *g* | | | | | | |
| **IP degree of protection** | | IP66, IP67, IP69K; NEMA Type 1, 3, 3R, 4, 4X, 12 | | | | | | |
| **Climate class in operation** acc. to EN 60721 | | 3K6, 3C3, 3S2, 3M6l | | | | | | |
| **Ambient temperature** | | | | | | | | |
| • During operation | °C | -25 … +70 | | | | | | |
| • During storage | °C | -40 … +80 | | | | | | |

| Type | | 3SU1...-.N | 3SU1...-.L | 3SU1...-.J | 3SU1...-.H | 3SU1...-.G |
|---|---|---|---|---|---|---|
| Product version | | **EMERGENCY STOP mushroom pushbutton** | | | | |
| **Mechanical endurance (operating cycles) typical** | | 300 000 | | | | |
| **Switching frequency maximum** | 1/h | 600 | | | | |
| **Shock resistance for devices without incandescent lamp** acc. to IEC 60068-2-27 | | 11 ms, 50 *g*, half-sine | | | | |
| **Vibration resistance** acc. to IEC 60068-2-6 | | 2 ... 500 Hz: 5 *g* | | | | |
| **IP degree of protection** | | IP66, IP67, IP69K; NEMA Type 1, 3, 3R, 4, 4X, 12 | | | | |
| **Climate class in operation** acc. to EN 60721 | | 3K6, 3C3, 3S2, 3M6 | | | | |
| **Ambient temperature** | | | | | | |
| • During operation | °C | -25 ... 70 | | | | |
| • During storage | °C | -40 ... 80 | | | | |

[1] UL pending for illuminated and non-illuminated Twin Pushbutton and illuminated Pushbutton NEMA Type 1, 3, 3R, 4 and 4X

## General data

| Type | | 3SU1...-2A | 3SU1...-2B<br>3SU1...-2C<br>3SU1...-2D<br>3SU1...-2E | 3SU1...-3E | 3SU1...-4B<br>3SU1...-4C<br>3SU1...-4D<br>3SU1...-4F<br>3SU1...-4G<br>3SU1...-4H<br>3SU1...-4J<br>3SU1...-4L | 3SU1...-5B<br>3SU1...-5H<br>3SU1...-5J<br>3SU1...-5K<br>3SU1...-5L<br>3SU1...-5P<br>3SU1...-5Q<br>3SU1...-5R<br>3SU1...-5S<br>3SU1...-5T<br>3SU1...-5X | 3SU1...-7A<br>3SU1...-7B |
|---|---|---|---|---|---|---|---|
| Product version | | **Rotary knob** | **Selector switch** | **Toggle switch** | **Key-operated switch** | | **Coordinate switch** |
| **Mechanical endurance (operating cycles) typical** | | 1 000 000 | | | | | 250 000 |
| **Switching frequency maximum** | 1/h | 1 800 | | | | | 3 600 |
| **Shock resistance for devices without incandescent lamp** acc. to IEC 60068-2-27 | | 11 ms, 50 *g*, half-sine | | | | | |
| **Vibration resistance** acc. to IEC 60068-2-6 | | 10 ... 500 Hz: 5 *g* | | | | | |
| **IP degree of protection** | | IP66, IP67, IP69K; NEMA Type 1, 3, 3R, 4, 4X, 12[1)] | | | | | |
| **Ambient temperature** | | | | | | | |
| • During operation | °C | -25 … +70 | | | | | |
| • During storage | °C | -40 … +80 | | | | | |

| Type | | 3SU1400-.....-1 | 3SU1400-.....-3 | 3SU1400-.....-5 |
|---|---|---|---|---|
| Product version | | **Contact module** | | |
| **Insulation voltage rated value** | V | 500 | | |
| **Pollution degree** | | 3 | | |
| **Impulse withstand voltage rated value** | kV | 6 | | |
| **Operational voltage type** | | AC/DC | | |
| **Operational voltage** | | | | |
| • At AC | | | | |
| - Rated value | V | 5 … 500 | | |
| • At DC | | | | |
| - Rated value | V | 5 … 500 | | |
| **Thermal current** | A | 10 | | |
| **Operational current, rated value** | | | | |
| • At AC-12 | | | | |
| - At 24 V | A | 10 | | |
| - At 230 V | A | 10 | | |
| - At 500 V | A | 10 | | |
| • 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 | 0.2 | | |
| • 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 | 0.07 | | |
| **Contact reliability** | | One contact failure per 100 million switching operations (17 V, 5 mA),<br>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 | 1 | | |

1) UL pending for plastic with metal matte front ring and 30 mm flat metal matte Key-operated switch NEMA Type 1, 3, 3R, 4, 4X, 12 and 22 mm shiny metal Key-operated switch NEMA Type 1, 4X (indoor use only) and 12.

| Type | | 3SU1400-.....-1 | 3SU1400-.....-3 | 3SU1400-.....-5 |
|---|---|---|---|---|
| Product version | | Contact module | | |
| **Fuse link version required for short-circuit protection of the auxiliary switch with type of coordination 1** | | gG / Dz 10 A, quick-response / Dz 16 A | | |
| **Continuous current of miniature circuit breaker C characteristic** | A | 10 | | |
| **Vibration resistance** acc. to IEC 60068-2-6 | | 2 ... 500 Hz: 5 *g* | | |
| **Shock resistance for devices without incandescent lamp** acc. to IEC 60068-2-27 | | 11 ms, 50 *g*, half-sine | | |
| **Climate class in operation** acc. to EN 60721 | | 3K6, 3C3, 3S2, 3M6 | | |
| **Ambient temperature** | | | | |
| • During operation | °C | -25 … +70 | | |
| • During storage | °C | -40 … +80 | | |
| **IP degree of protection** | | | | |
| • of the enclosure | | IP40 | | |
| • of the terminal | | IP20 | | |
| **Type of electrical connection** | | **Screw terminals** | **Spring-type terminals** | **Socket terminals (THT)** |
| **Type of connectable conductor cross-sections** | | | | |
| • For auxiliary contacts | | | | |
| - Solid | | 2 x (1.0 .. 1.5 mm²) | 2 x (0.25 .. 1.5 mm²) | 0.8 mm x 0.8 mm x 4 mm |
| - With end sleeves | | 2 x (0.5 .. 0.75 mm²) | | -- |
| - Finely stranded | | | | |
| - Without end sleeves | | 2 x (0.5 .. 0.75 mm²) | 2 x (0.25 .. 1.5 mm²) | -- |
| - With end sleeves | | 2 x (0.5 .. 1.5 mm²) | 2 x (0.25 .. 0.75 mm²) | -- |
| • For AWG cables for auxiliary contacts | | 2 x (18 ... 14) | 2 x (24 ... 16) | -- |
| **Tightening torque** | | | | |
| • For screw terminals | Nm | 0.8 ... 0.9 | -- | |

| Type | | 3SU1401-.....-1 | 3SU1401-.....-3 | 3SU1401-.....-5 |
|---|---|---|---|---|
| Product version | | LED module | | |
| **Light source integrated in product** | | Yes | | |
| **Type of light source** | | LED | | |
| **Insulation voltage rated value** | V | 320 | | |
| **Pollution degree** | | 3 | | |
| **Impulse withstand voltage rated value** | kV | 4 | | |
| **Operating time typical** | h | 100 000 | | |
| **Vibration resistance** acc. to IEC 60068-2-6 | | 2 ... 500 Hz: 5 *g* | | |
| **Shock resistance for devices without incandescent lamp** acc. to IEC 60068-2-27 | | 11 ms, 50 *g*, half-sine | | |
| **Climate class in operation** acc. to EN 60721 | | 3K6, 3C3, 3S2, 3M6 | | |
| **Ambient temperature** | | | | |
| • During operation | °C | -25 … +70 | | |
| • During storage | °C | -40 … +80 | | |
| **IP degree of protection of the terminal** | | IP20 | | |
| **Type of electrical connection** | | **Screw terminals** | **Spring-type terminals** | **Socket terminals (THT)** |

## Overview

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

Enclosures for AS-Interface

### *Enclosures*

Color of enclosure top:

- Gray, RAL 7035
- Yellow, RAL 1004, for EMERGENCY STOP

Color of enclosure lower part:

- Black, RAL 9005

### *Equipping with AS-Interface slaves*

The following slaves are available for connecting the command points:

- Slave in A/B technology with 4 digital inputs and 3 digital outputs (4 DI / 3 DO)
- Slave with 4 digital inputs and 4 digital outputs (4 DI / 4 DO)
- F slave with 2 safe inputs for EMERGENCY STOP mushroom pushbutton (2 F-DI), also with LED
- F slave with 2 safe inputs and one digital output (2 F-DI + 1 DO)

The following table shows the maximum number of slaves possible:

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

### *Connection*

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

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

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

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

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

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

### *Enclosures with standard fittings*

Enclosures with standard fittings are available with:

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

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

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

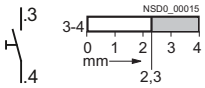
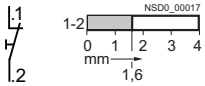
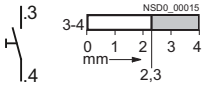
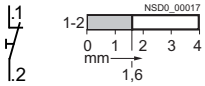
The enclosures with EMERGENCY STOP mushroom pushbuttons are also available with an M12 connector.

### *Customized enclosures (selection by configurator)*

To order customized 3SU18 AS-Interface enclosures with pushbuttons and indicator lights, use the 3SU1 configurator to select the elements for equipping. An electronic order form will be generated for the options.

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

## Selection and ordering data

| | Contact version | Number of NO contacts | Number of NC contacts | Product function positive opening | | DT | Screw terminals<br>Order No. | PU (UNIT, SET, M) | PS* |
|---|---|---|---|---|---|---|---|---|---|
| **Contact modules for base mounting** | | | | | | | | | |
| <br>3SU1400-2AA10-1BA0 | Silver alloy | 1 | 0 | No |  | ▶ | **3SU1400-2AA10-1BA0** | 1 | 1 unit |
| | | 0 | 1 | Yes |  | ▶ | **3SU1400-2AA10-1CA0** | 1 | 1 unit |
| | | | | | | | **Spring-type terminals** | | |
| <br>3SU1400-2AA10-3BA0 | Silver alloy | 1 | 0 | No |  | ▶ | **3SU1400-2AA10-3BA0** | 1 | 1 unit |
| | | 0 | 1 | Yes |  | ▶ | **3SU1400-2AA10-3CA0** | 1 | 1 unit |

| | Operational voltage at AC<br>V | Operational voltage at DC<br>V | Color | DT | Screw terminals<br>Order No. | PU (UNIT, SET, M) | PS* |
|---|---|---|---|---|---|---|---|
| **LED modules[1] for base mounting** | | | | | | | |
| <br>3SU1401-2BB60-1AA0 | 24 | 24 | Amber | B | **3SU1401-2BB00-1AA0** | 1 | 1 unit |
| | | | Red | ▶ | **3SU1401-2BB20-1AA0** | 1 | 1 unit |
| | | | Yellow | B | **3SU1401-2BB30-1AA0** | 1 | 1 unit |
| | | | Green | ▶ | **3SU1401-2BB40-1AA0** | 1 | 1 unit |
| | | | Blue | B | **3SU1401-2BB50-1AA0** | 1 | 1 unit |
| | | | White | ▶ | **3SU1401-2BB60-1AA0** | 1 | 1 unit |
| | 110 | -- | Amber | B | **3SU1401-2BC00-1AA0** | 1 | 1 unit |
| | | | Red | B | **3SU1401-2BC20-1AA0** | 1 | 1 unit |
| | | | Yellow | B | **3SU1401-2BC30-1AA0** | 1 | 1 unit |
| | | | Green | B | **3SU1401-2BC40-1AA0** | 1 | 1 unit |
| | | | Blue | B | **3SU1401-2BC50-1AA0** | 1 | 1 unit |
| | | | White | B | **3SU1401-2BC60-1AA0** | 1 | 1 unit |
| | 230 | -- | Amber | B | **3SU1401-2BF00-1AA0** | 1 | 1 unit |
| | | | Red | B | **3SU1401-2BF20-1AA0** | 1 | 1 unit |
| | | | Yellow | B | **3SU1401-2BF30-1AA0** | 1 | 1 unit |
| | | | Green | B | **3SU1401-2BF40-1AA0** | 1 | 1 unit |
| | | | Blue | B | **3SU1401-2BF50-1AA0** | 1 | 1 unit |
| | | | White | B | **3SU1401-2BF60-1AA0** | 1 | 1 unit |

[1] Only for use with SIRIUS commanding and signaling devices.