SIEMENS

Industrial Controls

3SU1 Pushbuttons and Indicator Lights

SIRIUS ACT

Related catalogs

Industrial Controls　　　　　　　　　IC 10
SIRIUS

E86060-K1010-A101-A5-7600

Low-Voltage Power Distribution and　LV 10
Electrical Installation Technology
SENTRON • SIVACON • ALPHA
Protection, Switching, Measuring and Monitoring
Devices, Switchboards and Distribution Systems
E86060-K8280-A101-A2-7600

Safety Integrated　　　　　　　　　　SI 10
Safety Technology for
Factory Automation

E86060-K7010-A101-A2-7600

Industrial Communication　　　　　　IK PI
SIMATIC NET

E86060-K6710-A101-B8-7600

SIMATIC　　　　　　　　　　　　　　ST 70
Products for
Totally Integrated Automation

E86060-K4670-A101-B4-7600

SIMOTICS Low-Voltage Motors　　　D 81.1
Type series 1LE1, 1MB1 and 1PC1
Frame sizes 71 to 315
Power range 0.18 to 200 kW

E86060-K5581-A111-A7-7600

SITRAIN　　　　　　　　　　　　　　ITC
Training for Industry

Only available in German
E86060-K6850-A101-C4

Miscellaneous

Products for Automation and Drives　CA 01
Interactive Catalog, DVD

E86060-D4001-A510-D4-7600

Industry Mall
Information and Ordering Platform
in the Internet:

www.siemens.com/industrymall

Information and Download Center
Digital versions of the catalogs are available
in the Internet

www.siemens.com/sirius/catalogs

Response E-mail
Please send your comments and suggestions
for improvement to

catalogs.industry@siemens.com
(include the catalog name in the subject field)

Trademarks

All product designations may be registered trademarks or
product names of Siemens AG or other supplying companies.
Third parties using these trademarks or product names for their
own purposes may infringe upon the rights of the trademark
owners.

Further information about industrial controls:
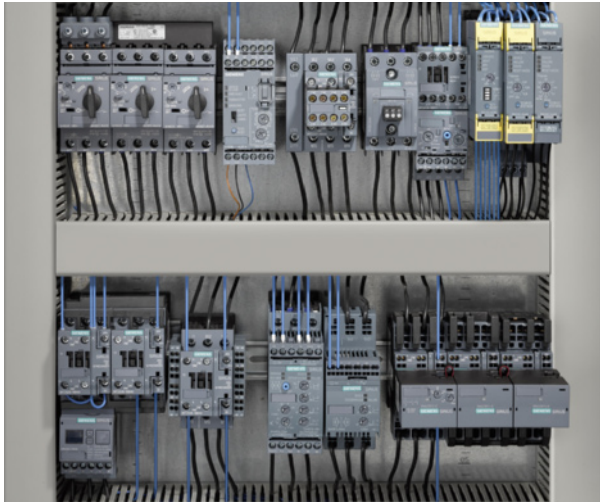www.siemens.com/sirius

Technical Assistance

Expert technical assistance
for Industrial controls:
Tel.: +49 (911) 895-5900
Fax: +49 (911) 895-5907

E-Mail: technical-
assistance@siemens.com

Industrial Controls

SIRIUS

Catalog News IC 10 N · 02/2015

Refer to the Industry Mall for current updates of this catalog:
www.siemens.com/industrymall

Please contact your local Siemens branch.

Technical Assistance

Technical Assistance for Industrial Controls and Systems Engineering supports you with all technical inquiries relating to our products and systems – both before and after delivery.

Any more questions?

Our experts are there to help you by telephone or e-mail with competent technical advice

Phone: +49 (911) 895-59 00
E-mail: technical-assistance@siemens.com

Technical Assistance

Configuring · Ordering · Commissioning · Operation · Service · Information · Planning

Competent and fast technical advice regarding:

- Product selection
- Conversion from old to new
- Competitor conversion
- Special versions
- Particular requirements
- Commissioning
- Operation
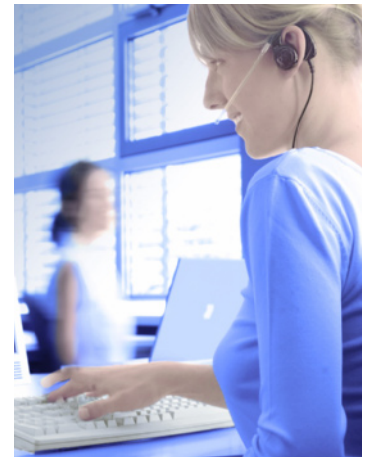
IC01_00338

One click – and you have all the information you need

Technical Support – get fast and up-to-date information online (Service and Support)

http://support.automation.siemens.com/WW

In Product Support you will find FAQs, manuals, certificates, applications & tools, and much more

Support Request – the fast track to the experts

www.siemens.com/automation/support-request

Using the Support Request form in Online Support you can send your query directly to Technical Assistance.
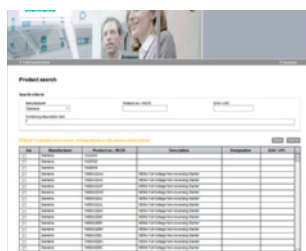
Conversion tool - the easy and efficient way to find successor products

www.siemens.com/sirius/conversion-tool

Your advantages

- 93 % response time within 0 to 4 hours
- Global support for external and internal customers and for regional support

Answers for industry.

Integrated technologies, vertical market expertise and services for greater productivity, energy efficiency, and flexibility.

Siemens is the world's leading supplier of innovative and environmentally friendly products and solutions for industrial companies. End-to-end automation technology and industrial software, solid market expertise, and technology-based services are the levers we use to increase our customers' productivity, efficiency and flexibility.

We consistently rely on integrated technologies and, thanks to our bundled portfolio, we can respond more quickly and flexibly to our customers' wishes. With our globally unmatched range of automation technology, industrial control and drive technology as well as industrial so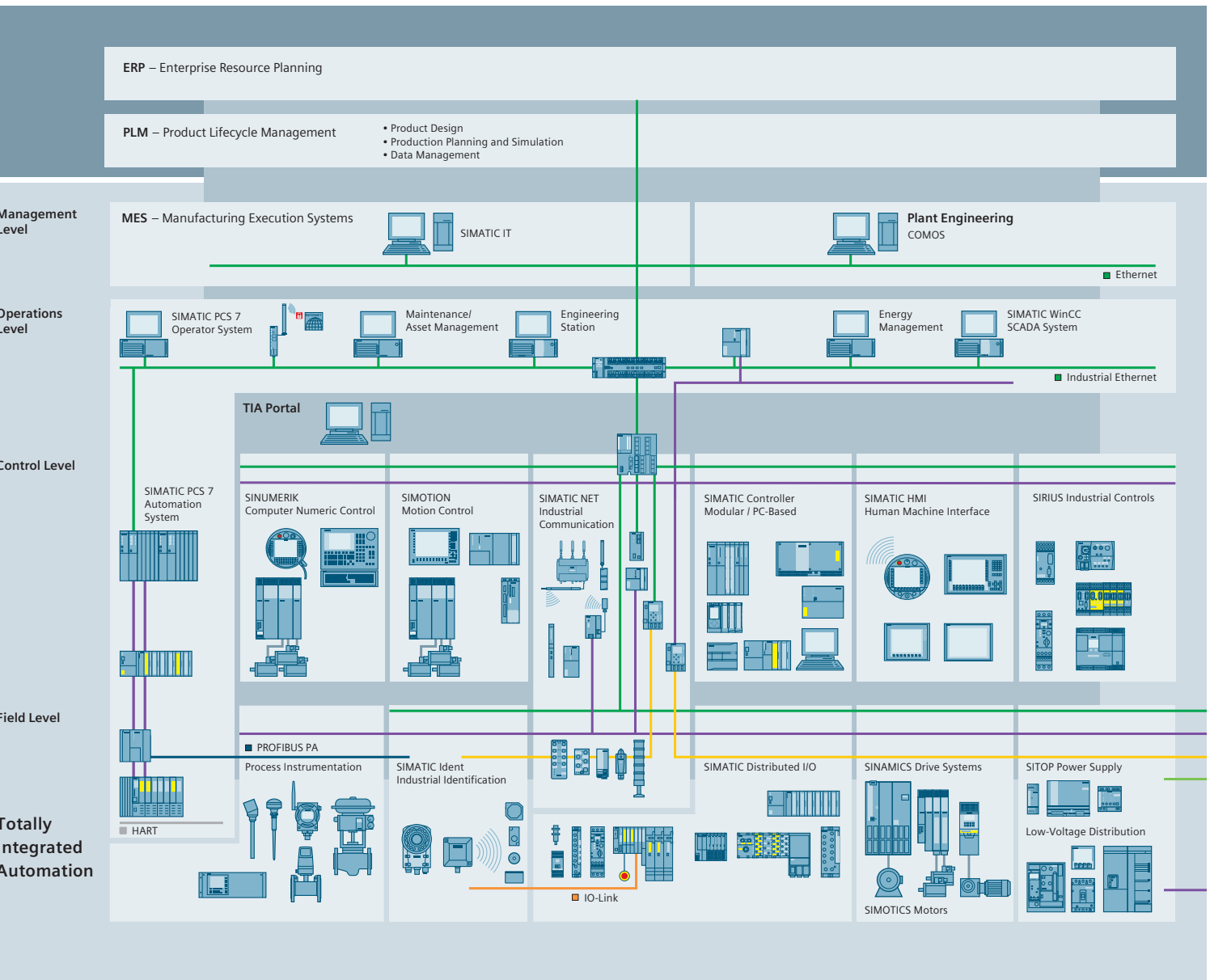ftware, we equip companies with exactly what they need over their entire value chain – from product design and development to production, sales and service. Our industrial customers benefit from our comprehensive portfolio, which is tailored to their market and their needs.

Market launch times can be reduced by up to 50% due to the combination of powerful automation technology and industrial software. At the same time, the costs for energy or waste water for a manufacturing company can be reduced significantly. In this way, we increase our customers' competitive strength and make an important contribution to environmental protection with our energy-efficient products and solutions.

Management Level

Operations Level

Control Level

Field Level

Totally Integrated Automation

ERP – Enterprise Resource Planning

PLM – Product Lifecycle Management
- Product Design
- Production Planning and Simulation
- Data Management

MES – Manufacturing Execution Systems
SIMATIC IT

Plant Engineering
COMOS

■ Ethernet

SIMATIC PCS 7 Operator System

Maintenance/ Asset Management

Engineering Station

Energy Management

SIMATIC WinCC SCADA System

■ Industrial Ethernet

TIA Portal

SIMATIC PCS 7 Automation System

SINUMERIK Computer Numeric Control

SIMOTION Motion Control

SIMATIC NET Industrial Communication

SIMATIC Controller Modular / PC-Based

SIMATIC HMI Human Machine Interface

SIRIUS Industrial Controls

■ PROFIBUS PA
Process Instrumentation

SIMATIC Ident Industrial Identification

SIMATIC Distributed I/O

SINAMICS Drive Systems

SITOP Power Supply

Low-Voltage Distribution

SIMOTICS Motors

■ HART

■ IO-Link

Efficient automation starts with efficient engineering.

Totally Integrated Automation: Efficiency driving productivity.

Efficient engineering is the first step toward better production that is faster, more flexible, and more intelligent. With all components interacting efficiently, Totally Integrated Automation (TIA) delivers enormous time savings right from the engineering phase. The result is lower costs, faster time-to-market, and
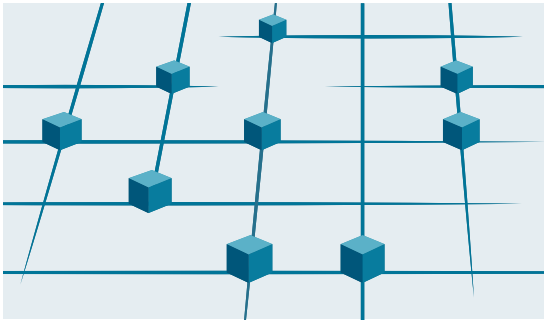
Totally Integrated Automation
Efficient interoperability of all automation components

A unique complete approach for all industries

As one of the world's leading automation suppliers, Siemens provides an integrated, comprehensive portfolio for all requirements in process and manufacturing industries. All components are mutually compatible and system-tested. This ensures that they reliably perform their tasks in industrial use and interact efficiently, and that each automation solution can be implemented with little time and effort based on standard products. The integration of many separate individual engineering tasks into a single engineering environment, for example, provides enormous time and cost savings.

With its comprehensive technology and industry-specific expertise, Siemens is continuously driving progress in manufacturing industries – and Totally Integrated Automation plays a key role.

Totally Integrated Automation creates real value added in all automation tasks, especially for:

- **Integrated engineering**
  Consistent, comprehensive engineering throughout the entire product development and production process
- **Industrial data management**
  Access to all important data occurring in productive operation – along the entire value chain and across all levels
- **Industrial communication**
  Integrated communication based on international cross-vendor standards that are mutually compatible
- **Industrial security**
  Systematic minimization of the risk of an internal or external attack on plants and networks
- **Safety Integrated**
  Reliable protection of personnel, machinery, and the environment thanks to seamless integration of safety technologies into the standard automation

Making things right with Totally Integrated Automation

Totally Integrated Automation, industrial automation from Siemens, stands for the efficient interoperability of all automation components. The open system architecture covers the entire production process and is based on end-to-end shared characteristics: consistent data management, global standards, and uniform hardware and software interfaces.

Totally Integrated Automation lays the foundation for comprehensive optimization of the production process:
- Time and cost savings due to efficient engineering
- Minimized downtime due to integrated diagnostic functions
- Simplified implementation of automation solutions due to global standards
- Better performance due to interoperability of system-tested components

Equipment Manufacturing Plant Amberg

Awards include "Factory of the Year", "Bavarian Quality Award" and

"The Best Factory/Industrial Excellence"

At Siemens Amberg, some 2 400 employees develop and manufacture industrial controls for the world market. Manufacturing includes the comprehensive SIRIUS product range used for switching and protecting loads, e.g. of motors, in particular in mechanical engineering.

In the industry competition "The Best Factory/Industrial Excellence Award 2011", the equipment manufacturing plant Amberg was honored as a national winner. The lead factory for industrial controls achieved the highest overall ranking and also excelled in all scoring categories such as business model, strategy, added value, product and process implementation, service and customer integration, along with continuous improvement.

The industry competition is staged under the auspices of the Federation of German Industries (BDI), several European business schools, including INSEAD in Paris, the Technical University of Eindhoven as well as the WHU-Otto Beisheim School of Management.

The key question of this industry competition, which has taken place in Germany since 1995, is: "What are the key factors of production excellence that will guarantee the company a long-term competitive advantage and will turn a factory into an outstanding differentiating factor?"

The ten-person jury, headed up by the deans of internationally-renowned management schools in Germany, France, Spain, and the Netherlands, not only scrutinized the operative unit itself but also the entire process chain, from

customer, along with interfaces and partners, such as suppliers.

Over the past few years, winning awards has become a normal occurrence in the equipment manufacturing plant Amberg. In 2007, it won the "Factory of the Year" award in the segment of "Excellent complexity management". In 2010 an additional outside award followed: the coveted Bavarian Quality Award.

The Amberg Siemens plants have made it a tradition to be at the top of national and international rankings. These awards are proof of our high quality standards – not only with respect to our products, but also to our processes. They demonstrate that we have achieved optimal mastery over the productivity and competitiveness showcased by our products and systems.
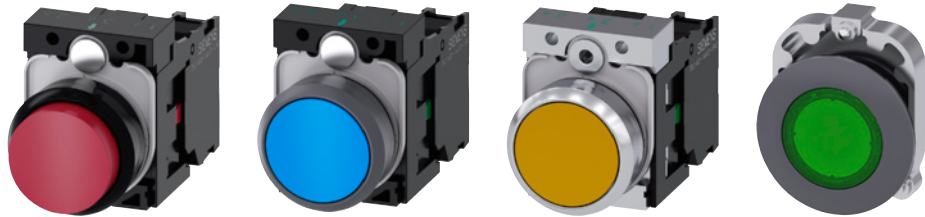
Note:
Conversion tool,
e.g. from 3SB3 to 3SU1 see
www.siemens.com/sirius/conversion-tool

13

Commanding and Signaling Devices

Introduction

Overview

	3SU1.0	3SU1.3	3SU1.5	3SU1.6
Pushbuttons and indicator lights				
Designs				
Nominal diameter	22 mm	22 mm	22 mm	30 mm
Version	Plastic	Plastic with metal front ring, matte	Metal, shiny	Metal, matte, flat
Actuators				
Pushbuttons	✓	✓	✓	✓
Illuminated pushbuttons	✓	✓	✓	✓
Mushroom pushbuttons	✓	✓	✓	--
EMERGENCY STOP mushroom pushbuttons	✓	✓	✓	--
Selector switches	✓	✓	✓	✓
Key-operated switches	✓	✓	✓	✓
Special actuators				
Twin pushbuttons	✓	✓	✓	--
Coordinate switches	✓	✓	✓	--
Toggle switches	✓	✓	✓	--
Sensor switches	✓	✓	--	--
ID key-operated switches	✓	✓	--	--
Pushbuttons with extended stroke	✓	✓	✓	--
Potentiometers	✓	✓	✓	--
Indicators				
Indicator lights	✓	✓	✓	✓
Acoustic signaling devices	✓	✓	✓	--
Contact modules				
Single-pole	✓	✓	✓	✓
Two-pole	✓	✓	✓	✓
LED modules				
With integrated LED	✓	✓	✓	✓
Connections				
Screw terminals	✓	✓	✓	✓
Spring-type terminals	✓	✓	✓	✓
Solder pins	✓	✓	✓	✓
AS-Interface	✓	✓	✓	✓
IO-Link	✓	✓	✓	✓

✓   Standard

--   Not available

Note:

Safety characteristics (see Appendix on page 16/6).

	3SU18	3SU18
	Enclosures	**Two-hand operation consoles**
Enclosures		
Plastic	✓	✓
Metal	✓	✓
Actuators		
Pushbuttons	✓	❏
Illuminated pushbuttons	✓	❏
Mushroom pushbuttons	✓	✓
EMERGENCY STOP mushroom pushbuttons	✓	✓
Selector switches	✓	❏
Key-operated switches	✓	❏
Indicators		
Indicator lights	✓	❏
Acoustic signaling devices	✓	❏
Contact modules		
Single-pole	✓	✓
Two-pole	--	✓
Connections		
Screw terminals	✓	✓
Spring-type terminals	✓	❏
Plug-in connection	❏	❏
AS-Interface	✓	❏

✓ Standard

-- Not available

❏ Optional

AS-Interface solutions

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

For AS-Interface solutions see catalog IK PI "Industrial Communication SIMATIC NET".

AS-Interface EMERGENCY STOP according to ISO 13850

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

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 .

PROFINET solutions

SIRIUS ACT devices will be equipped in future with a direct communication interface to PROFINET and PROFIsafe.

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 and flexible in application thanks to four function stages.

13

SIRIUS ACT Pushbuttons and Indicator Lights

General data

■ Overview

SIRIUS ACT pushbuttons and indicator lights

SIRIUS ACT is a modular system of pushbuttons and indicator lights for front plate mounting and rear-mounted electrical modules. Complete units made up of an actuating or signaling element and contact modules and/or LED modules are offered for the most frequent application cases.

On the new compact units, the electrical module is permanently installed and is only secured by the holder.

Standards
- IEC 60947-1, EN 60947-1
- IEC 60947-5-1, EN 60947-5-1
- IEC 60947-5-5, EN 60947-5-5 for EMERGENCY STOP devices

Versions

SIRIUS ACT is available in four versions:
- Plastic, 22 mm, round, black
- Plastic with metal front ring, 22 mm, round, matte
- Metal with metal front ring, 22 mm, round, shiny
- Metal with metal front ring, 30 mm, flat, round, matte

One command point comprises:
- An actuating or signaling element in front of the control panel
- A holder for securing behind the control panel
- Up to six contact modules and/or one LED module (mounted onto the holder), single-pole contacts can be stacked
- A comprehensive range of accessories for inscription/marking

Acoustic indicators, potentiometers with operating mechanism, sensor switches, pushbuttons with extended stroke, and basic indicator lights are available as compact units. The electrical parts are integrated and only have to be wired.

■ Overview

Complete units

IC01_00422

① Actuator
② Holder
③ LED module
④ NO contact

Design of a complete unit

Compact units

IC01_00423

① Actuating element with integrated electronics
② Holder
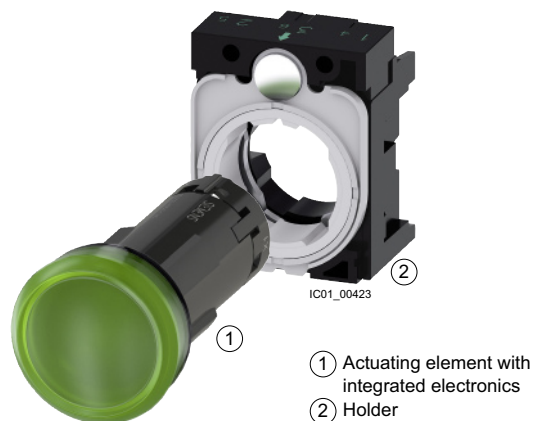
Design of a compact unit

SIRIUS ACT Pushbuttons and Indicator Lights

■ **Overview**

System overview of SIRIUS ACT pushbuttons and indicator lights
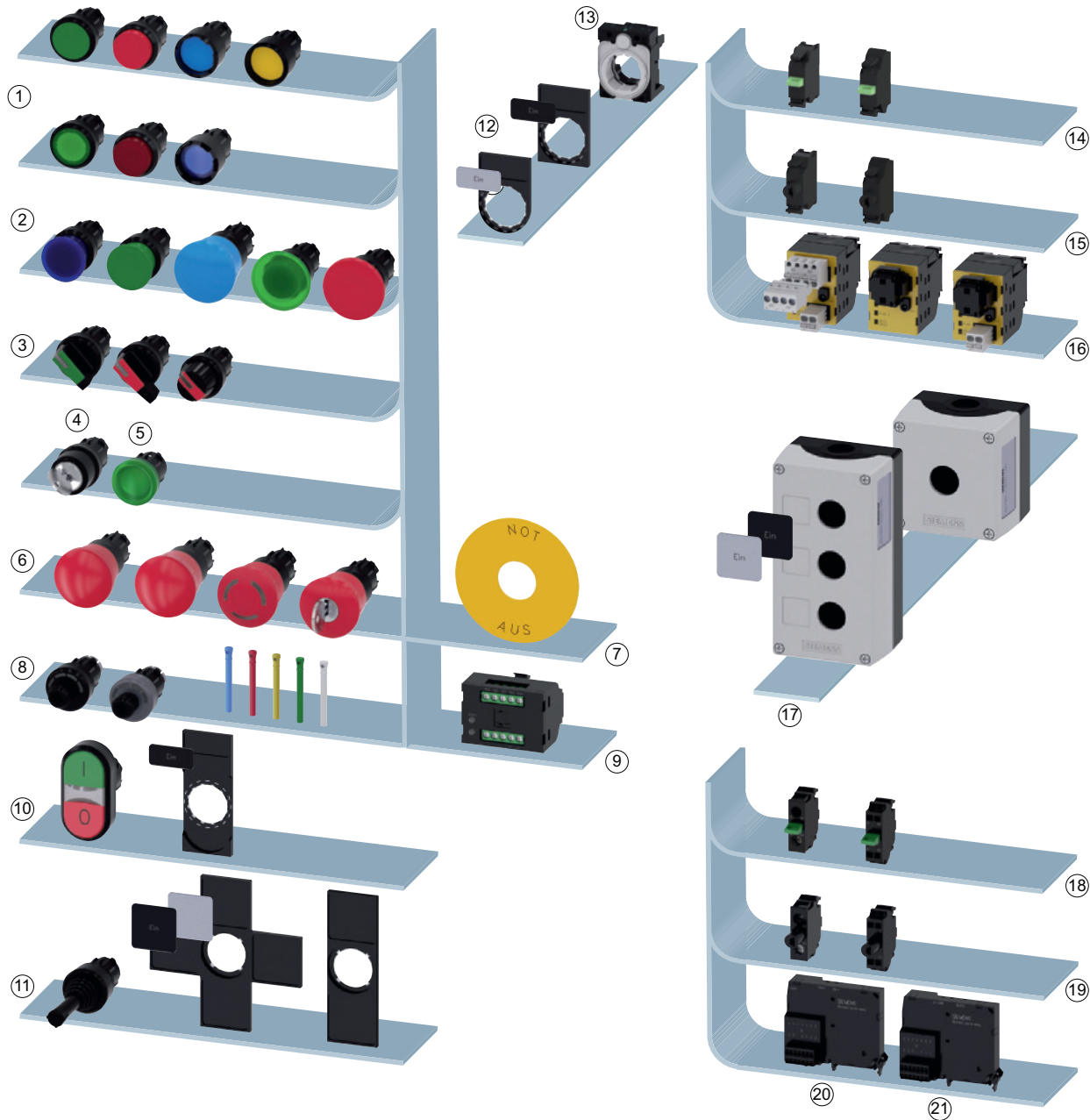
① Pushbuttons	⑥ EMERGENCY STOP mushroom pushbuttons	⑩ Twin pushbutton, label holder, label	**Front plate mounting**
② Mushroom pushbuttons	⑦ EMERGENCY STOP backing plate	⑪ Coordinate switch, label holder, label	⑭ Contact modules
③ Selector switches	⑧ Key-operated switch with key	⑫ Label holder, label	⑮ LED modules
④ Key-operated switch	⑨ Electronic module for ID key-operated switches	⑬ Holder	⑯ AS-Interface modules
⑤ Indicator light			⑰ Enclosures

Base mounting
⑱ Contact modules
⑲ LED modules
⑳ IO-Link module
㉑ AS-Interface module

13

IC01_00424

SIRIUS ACT Pushbuttons and Indicator Lights

General data

■ Overview

Functionality

Easy handling

- Self-holding function of the actuator when mounting
- Twist prevention integrated into patented holder design
- Stackable contact modules

Rugged against environmental influences

- IP69K degree of protection
- Modules with explosion protection certified according to ATEX
- Service life of 100 000 hours thanks to use of LEDs
- Mechanical service life of 10×10^6 switching cycles
- Reliable, friction-locked fixing with just one screw

A high level of 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

Contact modules and LED modules

The contact modules are fitted with slow-action contacts (NO contacts or NC contacts) with double operating moving 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 acc. 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. Holders for four modules are available for coordinate switches and toggle switches with four switch positions.

Connection methods

The modules are available with:

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

■ Overview

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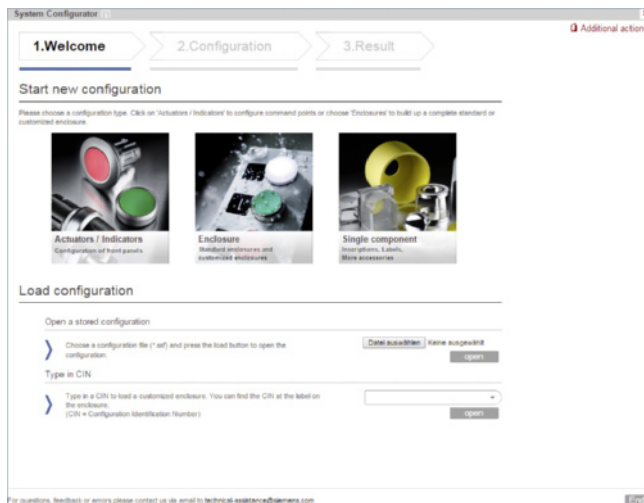
- Fast, simple selection by intuitive navigation through clearly-organized menus
- Preview of selected components
- Inscription of pushbuttons and labeling plates using the interactive inscription tool
- Once created, a configuration can be ordered as often as required using the customer-specific article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

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

General data

ID key-operated switches

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

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 for individual coding

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

	3SU1000-4WS10-0AA0 **Plastic, black**	**3SU1030-4WS10-0AA0** **Plastic with metal front ring, matte**
ID key-operated switches		
Number of switching positions	4	4
Operating angle	45°	45°
Operating principle	Latching	Latching
Switch position for key removal	O+I+II+III	O+I+II+III
Color	Black	Black
Pages	13/33	13/52

	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	13/83	13/83

	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
RFID coding version	Individually coded, programmable several times	ID group 1 ID group 2 ID group 3 ID group 4
Color	White	Green Yellow Red Blue
Pages	13/117	13/117

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

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	0 = actuating and signaling elements		**0**													
Material (front ring)	0 = plastic, black 3 = metal, matte (front ring)/plastic, black (collar) 5 = metal, shiny 6 = metal, matte			□												
Illumination	0 = non-illuminated 1 = illuminated/transparent 2 = illuminated/non-illuminated					□										
Type of actuator/indicator	0 = pushbutton 1 = mushroom pushbutton/ EMERGENCY STOP mushroom pushbutton/sensor switch 2 = selector switch 3 = twin pushbutton, toggle switch 4/5 = key-operated switch 6 = indicator light/acoustic signaling device 7 = coordinate switch							□								
Design of the actuator/lock	e.g. A = flat								□							
Function	e.g. B = momentary contact									□						
Color/key removal position	e.g. 10 = black, 20 = red										□	□				
Connection method	0 = none												□			
Module/holder equipment	e.g. A = without module, without holder Y = without module, with holder													□		
Marking	e.g. A = none, C = "I", D = "O", R = "R"														□	
Ambient condition	0 = standard, 1 = ATEX															□
Example		**3SU1**	**0**	**0**	**0**	**–**	**0**	**A**	**B**	**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.

SIRIUS ACT Pushbuttons and Indicator Lights

General data

Complete units

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	1 = complete units		**1**													
Material (front ring)	0 = plastic, black 3 = metal, matte (front ring) plastic, black (collar) 5 = metal, shiny 6 = metal, matte			□												
Illumination	0 = non-illuminated 1 - 8 = illuminated (with/without LED, various voltages)					□										
Type of actuator/indicator	0 = pushbutton 1 = mushroom pushbutton/ EMERGENCY STOP mushroom pushbutton/sensor switch 2 = selector switch 3 = twin pushbutton, toggle switch 4/5 = key-operated switch 6 = indicator light/acoustic signaling device 7 = coordinate switch							□								
Design of the actuator/lock	e.g. A = flat								□							
Function	e.g. B = momentary contact									□						
Color/key removal position	e.g. 10 = black, 20 = red										□	□				
Connection method	1 = screw terminals 3 = spring-type terminals													□		
Module/holder equipment incl. 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	0 = standard, 1 = ATEX																□
Example		**3SU1**	**1**	**0**	**0**	**–**	**0**	**A**	**A**	**1**	**0**	**–**	**1**	**B**	**A**	**0**

Compact units

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	2 = compact units		**2**													
Material (front ring)	0 = plastic, black 3 = metal, matte (front ring) plastic, black (collar) 5 = metal, shiny 6 = metal, matte			□												
Illumination	0 = non illuminated 1 = illuminated/non-illuminated					□										
Type of actuator/indicator	0 = pushbutton 1 = sensor switch 2 = potentiometer 6 = indicator light/acoustic signaling device							□								
Design of the actuator/lock	e.g. A = flat								□							
Function (voltage/resistance)	e.g. B = 24 V AC/DC									□						
Color	e.g. 10 = black, 20 = red										□	□				
Connection method	0 = none 1 = screw terminals 2 = M12 connection, 4-pole 3 = spring-type terminals													□		
Module/holder equipment incl. 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	0 = standard, 1 = ATEX																□
Example		**3SU1**	**2**	**0**	**1**	**–**	**6**	**A**	**B**	**0**	**0**	**–**	**1**	**A**	**A**	**0**

13

Note:

SIRIUS ACT Pushbuttons and Indicator Lights

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 1 = illuminated				□											
Type of mounting	1 = front plate mounting 2 = base mounting 3 = printed-circuit board						□									
Module type	A = contact module B = LED module C = LED test module D = support terminal E = AS-Interface module 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 2 = screw terminals + insulation piercing method 3 = spring-type terminals 4 = spring-type terminals + insulation piercing method 5 = socket terminals												□			
Module equipment incl. contact material	e.g. A = none B = 1 NO contact, silver 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 5 = metal, shiny			□												
Illumination	0 = non-illuminated 1 = illuminated				□											
Type of mounting	0 = none 1 = front plate mounting						□									
Holder type	A = 3x A B = 4x B							□								
Function/voltage	A = none G = 6 ... 24 V AC/DC								□							
Color	e.g. 10 = black, 20 = red									□	□					
Connection method	0 = none 1 = screw terminals												□			
Module equipment incl. contact material and slot	e.g. A = none B = 1 NO contact, silver 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.

SIRIUS ACT Pushbuttons and Indicator Lights

General data

Enclosures

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	8 = enclosure		8													
Material (enclosure/front ring)	0 = plastic, black plastic 5 = metal, shiny metal			□												
Number of command points	1 = 1 command point ... 6 = 6 command points				□											
Type of enclosure	0 = surface-mounted 1 = 4-position selector and coordinate switch 2 = palm switch 3 = two-hand operation console						□									
Equipment	e.g. command point, inscription, module							□	□							
Communication capability	0 = none 1 = AS-i									□						
Ambient condition	0 = standard 1 = ATEX										□					
Mounting/connection of modules	0 = none 1 = front plate mounting, screw terminals 2 = base mounting, screw terminals 3 = base mounting, spring-type terminals												□			
Cable exit from enclosure	A = none G = direct entry of AS-i flat cable at top/on right H = ASi insulation piercing method at top/on right													□		
Design of enclosure top	A = command point in center B = with recess for labeling plate C = with protective collar D = 4 additional holes (two-hand operation console) E = 8 additional premachined breaking points (two-hand operation console)														□	
Color of enclosure top	1 = gray 2 = yellow															□
Example		3SU1	8	0	1	–	0	A	A	0	0	–	0	A	A	2

Accessories

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	9 = accessories		9													
Material	0 = plastic, black 3 = metal/plastic 5 = metal, shiny 6 = metal, matte			□												
Illumination	0 = non-illuminated 1 = illuminated				□											
Type of accessory (labels, protection, actuator, enclosure)	e.g. 0AB = insert label						□	□	□							
Color	e.g. 10 = black, 20 = red									□	□					
Marking	e.g. 0AA = none 0AB = ON 0AT = EMERGENCY STOP												□	□	□	
Ambient condition	0 = standard 1 = ATEX															□
Example		3SU1	9	0	0		0	A	B	7	1		0	A	B	0

13

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.

SIRIUS ACT Pushbuttons and Indicator Lights

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
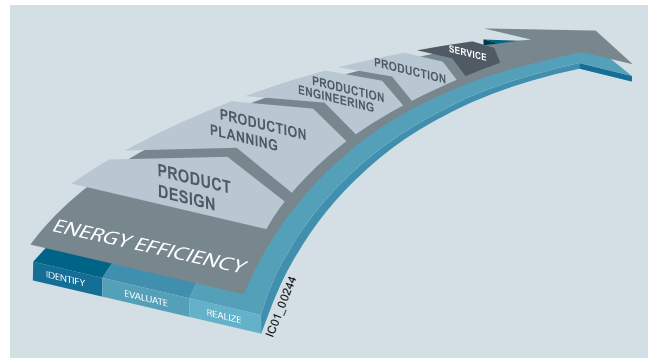
Energy management in industry

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 10, Chapter 11, "Safety Technology") 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.

SIRIUS ACT Pushbuttons and Indicator Lights

◾ Technical specifications

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	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				
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-.CA 3SU1.30-.AA 3SU1.30-.BA 3SU1.50-.AA 3SU1.50-.BA 3SU1.50-.CA	3SU1.00-.BA	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 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						
Climate class in operation acc. to EN 60721		3K6, 3C3, 3S2, 3M6I						
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				
Climate class in operation acc. to EN 60721		3K6, 3C3, 3S2, 3M6				
Ambient temperature						
• During operation	°C	-25 ... 70				
• During storage	°C	-40 ... 80				

13

SIRIUS ACT Pushbuttons and Indicator Lights

General data

Type		3SU1...-2A	3SU1...-2B 3SU1...-2C 3SU1...-2D 3SU1...-2E	3SU1...-3E	3SU1...-4B 3SU1...-4C 3SU1...-4D 3SU1...-4F 3SU1...-4G 3SU1...-4H 3SU1...-4J 3SU1...-4L	3SU1...-5B 3SU1...-5H 3SU1...-5J 3SU1...-5K 3SU1...-5L 3SU1...-5P 3SU1...-5Q 3SU1...-5R 3SU1...-5S 3SU1...-5T 3SU1...-5X	3SU1...-7A 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					IP65, IP67
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), 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		

General data

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) ⊔⊔

13

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, 22 mm, Round, Plastic, Black
Complete Units

Pushbuttons

■ Selection and ordering data

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

Pushbuttons

Pushbuttons with flat button, momentary contact
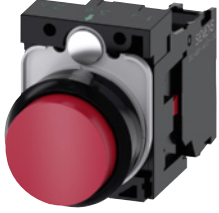
3SU1100-0AB40-1BA0

At AC	At DC	Color	NO	NC	DT	Article No.	Price	PU	PS	PG
--	--	Black	1	0	A	**3SU1100-0AB10-1BA0**		1	1 unit	41J
			0	1	A	**3SU1100-0AB10-1CA0**		1	1 unit	41J
		Red	1	0	A	**3SU1100-0AB20-1BA0**		1	1 unit	41J
			0	1	A	**3SU1100-0AB20-1CA0**		1	1 unit	41J
		Yellow	1	0	B	**3SU1100-0AB30-1BA0**		1	1 unit	41J
		Green	1	0	A	**3SU1100-0AB40-1BA0**		1	1 unit	41J
		Blue	1	0	A	**3SU1100-0AB50-1BA0**		1	1 unit	41J
		White	1	0	A	**3SU1100-0AB60-1BA0**		1	1 unit	41J
		Clear	1	0	B	**3SU1100-0AB70-1BA0**		1	1 unit	41J

Pushbuttons with raised button, momentary contact

3SU1100-0BB20-1CA0

At AC	At DC	Color	NO	NC	DT	Article No.	Price	PU	PS	PG
--	--	Black	0	1	B	**3SU1100-0BB10-1CA0**		1	1 unit	41J
		Red	0	1	B	**3SU1100-0BB20-1CA0**		1	1 unit	41J
		Blue	1	0	B	**3SU1100-0BB50-1BA0**		1	1 unit	41J

Illuminated pushbuttons with flat button, momentary contact with integrated LED

3SU1102-0AB40-1BA0

At AC	At DC	Color	NO	NC	DT	Article No.	Price	PU	PS	PG
24	24	Red	1	0	B	**3SU1102-0AB20-1BA0**		1	1 unit	41J
			0	1	A	**3SU1102-0AB20-1CA0**		1	1 unit	41J
		Yellow	1	0	A	**3SU1102-0AB30-1BA0**		1	1 unit	41J
		Green	1	0	A	**3SU1102-0AB40-1BA0**		1	1 unit	41J
		Blue	1	0	A	**3SU1102-0AB50-1BA0**		1	1 unit	41J
		White	1	0	A	**3SU1102-0AB60-1BA0**		1	1 unit	41J
		Clear	1	0	A	**3SU1102-0AB70-1BA0**		1	1 unit	41J

3SU1103-0AB20-1CA0

At AC	At DC	Color	NO	NC	DT	Article No.	Price	PU	PS	PG
110	--	Red	0	1	B	**3SU1103-0AB20-1CA0**		1	1 unit	41J
		Yellow	1	0	B	**3SU1103-0AB30-1BA0**		1	1 unit	41J
		Green	1	0	B	**3SU1103-0AB40-1BA0**		1	1 unit	41J
		Blue	1	0	B	**3SU1103-0AB50-1BA0**		1	1 unit	41J
		White	1	0	B	**3SU1103-0AB60-1BA0**		1	1 unit	41J
		Clear	1	0	B	**3SU1103-0AB70-1BA0**		1	1 unit	41J

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, 22 mm, Round, Plastic, Black
Complete Units

Pushbuttons

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

Pushbuttons

Illuminated pushbuttons with flat button, momentary contact with integrated LED

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

3SU1106-0AB40-1BA0

Spring-type terminals

Pushbuttons with flat button, momentary contact

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

3SU1100-0AB30-3BA0

Illuminated pushbuttons with flat button, momentary contact with integrated LED

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

3SU1102-0AB20-3CA0

13

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, 22 mm, Round, Plastic, Black
Complete Units

Mushroom pushbuttons / EMERGENCY STOP mushroom pushbuttons

■ Selection and ordering data

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

Mushroom pushbuttons

With red mushroom, diameter 40 mm, latching

3SU1100-1BA20-3CA0

Unlatching method	Number of NO contacts	Number of NC contacts	DT	Screw terminals		PU	PS*	PG
Pull to unlatch	0	1	B	3SU1100-1BA20-1CA0		1	1 unit	41J
				Spring-type terminals 〇〇				
Pull to unlatch	0	1	B	3SU1100-1BA20-3CA0		1	1 unit	41J

■ Selection and ordering data

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

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

With red mushroom, diameter 40 mm, with positive latching

3SU1100-1HA20-1CH0

3SU1100-1HB20-1CH0

3SU1100-1HB20-3CH0

Unlatching method	Number of NO contacts	Number of NC contacts	Marking		DT	Screw terminals		PU	PS*	PG
Pull to unlatch	0	1	NOT-HALT	➔	B	3SU1100-1HA20-1CH0		1	1 unit	41J
Rotate to unlatch	0	1	None	➔	B	3SU1100-1HB20-1CF0		1	1 unit	41J
	0	1	EMERGENCY STOP	➔	B	3SU1100-1HB20-1CG0		1	1 unit	41J
	0	1	NOT-HALT	➔	A	3SU1100-1HB20-1CH0		1	1 unit	41J
	0	1	ARRET D'URGENCE	➔	B	3SU1100-1HB20-1CJ0		1	1 unit	41J
						Spring-type terminals 〇〇				
Rotate to unlatch	0	1	NOT-HALT	➔	B	3SU1100-1HB20-3CH0		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 Catalog IC 10, Chapter 11, "Safety Technology".
Certificate:

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, 22 mm, Round, Plastic, Black
Complete Units

■ Selection and ordering data

Operating principle	Supply voltage	Number of NO contacts	Number of NC contacts	DT	Screw terminals ⊕		PU (UNIT, SET, M)	PS*	PG
	V				Article No.	Price per PU			
Selector switches									
Short black actuator, 2 switch positions, can be illuminated, white									
Latching, 90°	--	1	0	A	**3SU1100-2BF60-1BA0**		1	1 unit	41J
	--	1	1	A	**3SU1100-2BF60-1MA0**		1	1 unit	41J
	--	1	0	B	**3SU1103-2BF60-1BA0**		1	1 unit	41J
Short black actuator, 3 switch positions, can be illuminated, white									
Momentary contact, 2x45°, reset from left + right	--	2	0	A	**3SU1100-2BM60-1NA0**		1	1 unit	41J
Latching, 2x45°	--	2	0	A	**3SU1100-2BL60-1NA0**		1	1 unit	41J
Short black actuator, 2 switch positions, can be illuminated, white					**Spring-type terminals**				
Latching, 90°	--	1	0	B	**3SU1100-2BF60-3BA0**		1	1 unit	41J
	--	1	1	B	**3SU1100-2BF60-3MA0**		1	1 unit	41J
Short black actuator, 3 switch positions, can be illuminated, white									
Momentary contact, 2x45°, reset from left + right	--	2	0	B	**3SU1100-2BM60-3NA0**		1	1 unit	41J
Latching, 2x45°	--	2	0	B	**3SU1100-2BL60-3NA0**		1	1 unit	41J

3SU1100-2BF60-1BA0

3SU1100-2BL60-3NA0

13

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, 22 mm, Round, Plastic, Black
Complete Units

Key-operated switches

■ Selection and ordering data

	Operating principle	Switch position for key removal	Number of NO contacts	Number of NC contacts	DT	Screw terminals ⊕		PU (UNIT, SET, M)	PS*	PG
						Article No.	Price per PU			
Key-operated switches with 2 keys										
	With Ronis lock, SB30, 2 switch positions (O+I)									
	Latching, 90° (10:30/1:30 o'clock)	O+I	1	0	A	**3SU1100-4BF11-1BA0**		1	1 unit	41J
	With Ronis lock, SB30, 3 switch positions (I+O+II)									
	Latching, 2x45° (10:30/1:30 o'clock)	O+I+II	2	0	B	**3SU1100-4BL11-1NA0**		1	1 unit	41J
	With Ronis lock, SB30, 2 switch positions (O+I)					Spring-type terminals				
	Latching, 90° (10:30/1:30 o'clock)	O+I	1	0	B	**3SU1100-4BF11-3BA0**		1	1 unit	41J

3SU1100-4BF11-1BA0

3SU1100-4BF11-3BA0

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, 22 mm, Round, Plastic, Black
Complete Units

Indicator lights

Selection and ordering data

	Operational voltage		Color		DT	Screen terminals ⊕		PU (UNIT, SET, M)	PS*	PG
	At AC, rated value	At DC, rated value	Of actuating element	Of light source		Article No.	Price per PU			
	V									

Indicator lights

With smooth lens and integrated LED

	At AC	At DC	Of actuating element	Of light source	DT	Article No.		PU	PS*	PG

3SU1102-6AA30-1AA0

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

3SU1103-6AA00-1AA0

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

3SU1106-6AA50-1AA0

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

Spring-type terminals 🔲

3SU1102-6AA20-3AA0

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

3SU1102-6AA40-3AA0

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

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

13

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, 22 mm, Round, Plastic, Black
Compact Units

Sensor switches / Pushbuttons with extended stroke

Selection and ordering data

	Operating principle	Number of NO contacts	Number of NC contacts	Color	DT	M12 connector, 4-pin	PU (UNIT, SET, M)	PS*	PG
						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 (IP69K). Without pressure	1	0	Black	A	**3SU1200-1SK10-2SA0**	1	1 unit	41J

Selection and ordering data

	Version	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Pushbuttons with extended stroke								
3SU1200-0EB20-0AA0	**Pushbuttons with flat button**	Red	B	**3SU1200-0EB20-0AA0**		1	1 unit	41J
		Green	B	**3SU1200-0EB40-0AA0**		1	1 unit	41J
3SU1200-0FB10-0AA0	**Pushbuttons with raised button**	Black	A	**3SU1200-0FB10-0AA0**		1	1 unit	41J
3SU1201-0EB70-0AA0	**Illuminated pushbuttons with flat button**	Red	A	**3SU1201-0EB20-0AA0**		1	1 unit	41J
		Clear	A	**3SU1201-0EB70-0AA0**		1	1 unit	41J
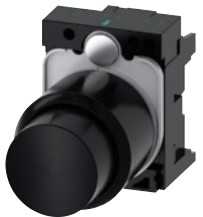
	Version	Material	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Accessories									
	Extension plungers For compensation of the distance between the pushbutton and the unlatching button of an overload relay	Plastic	Black	A	**3SU1900-0KG10-0AA0**		1	1 unit	41J

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

Pushbuttons

■ Selection and ordering data

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

3SU1000-0AB20-0AD0

3SU1000-0AA30-0AA0

3SU1000-0BB30-0AA0

3SU1000-0CB40-0AA0

3SU1000-0DB50-0AA0

13

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

Pushbuttons

Version of actuating element / Front ring version	Operating principle / Unlatching method	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Illuminated pushbuttons with flat button Standard	Momentary contact	Amber	B	3SU1001-0AB00-0AA0		1	1 unit	41J
		Black	A	3SU1001-0AB10-0AA0		1	1 unit	41J
		Red	A	3SU1001-0AB20-0AA0		1	1 unit	41J
		Yellow	A	3SU1001-0AB30-0AA0		1	1 unit	41J
		Green	A	3SU1001-0AB40-0AA0		1	1 unit	41J
		Blue	A	3SU1001-0AB50-0AA0		1	1 unit	41J
		White	A	3SU1001-0AB60-0AA0		1	1 unit	41J
		Clear	A	3SU1001-0AB70-0AA0		1	1 unit	41J
	Latching Push to unlatch	Red	B	3SU1001-0AA20-0AA0		1	1 unit	41J
		Yellow	B	3SU1001-0AA30-0AA0		1	1 unit	41J
		Green	A	3SU1001-0AA40-0AA0		1	1 unit	41J
		Blue	B	3SU1001-0AA50-0AA0		1	1 unit	41J
		White	B	3SU1001-0AA60-0AA0		1	1 unit	41J
		Clear	B	3SU1001-0AA70-0AA0		1	1 unit	41J
Illuminated pushbuttons with raised button Standard	Momentary contact	Red	A	3SU1001-0BB20-0AA0		1	1 unit	41J
		Yellow	B	3SU1001-0BB30-0AA0		1	1 unit	41J
		Green	B	3SU1001-0BB40-0AA0		1	1 unit	41J
		Blue	B	3SU1001-0BB50-0AA0		1	1 unit	41J
		Clear	B	3SU1001-0BB70-0AA0		1	1 unit	41J
Illuminated pushbuttons with flat button Raised, castellated	Momentary contact	Blue	B	3SU1001-0DB50-0AA0		1	1 unit	41J

3SU1001-0AB40-0AA0

3SU1001-0AA20-0AA0

3SU1001-0BB70-0AA0
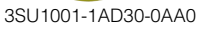
3SU1001-0DB50-0AA0

SIRIUS ACT Pushbuttons and Indicator Lights
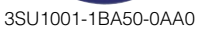## Actuators and Indicators, 22 mm, Round, Plastic, Black
Actuating and Signaling Elements

■ Selection and ordering data

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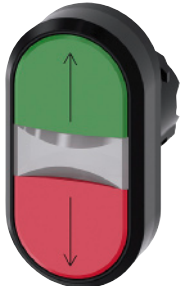
3SU1000-3AB66-0AL0

3SU1000-3BB42-0AK0

3SU1001-3AB42-0AN0

3SU1001-3BB61-0AK0

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, 22 mm, Round, Plastic, Black
Actuating and Signaling Elements
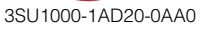
Mushroom pushbuttons

■ Selection and ordering data

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

3SU1000-1AD20-0AA0
3SU1000-1BD40-0AA0
3SU1000-1CD10-0AA0
3SU1001-1AD30-0AA0
3SU1001-1BA50-0AA0
3SU1000-1HB10-0AA0

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

EMERGENCY STOP mushroom pushbuttons

Selection and ordering data

Version of actuating element	Outer diameter of mushroom mm	Make of lock	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
EMERGENCY STOP mushroom pushbuttons									
With pull-to-unlatch mechanism									
Tamper-proof, 2 positions	40	--	Red	A	**3SU1000-1HA20-0AA0**		1	1 unit	41J
With rotate-to-unlatch mechanism									
Tamper-proof, 2 positions	33.8	--	Red	A	**3SU1000-1GB20-0AA0**		1	1 unit	41J
	40	--	Red	A	**3SU1000-1HB20-0AA0**		1	1 unit	41J
	60	--	Red	A	**3SU1000-1JB20-0AA0**		1	1 unit	41J
With rotate-to-unlatch mechanism, can be illuminated									
Tamper-proof, 2 positions	33.4	--	Red	B	**3SU1001-1GB20-0AA0**		1	1 unit	41J
	40	--	Red	A	**3SU1001-1HB20-0AA0**		1	1 unit	41J
	60	--	Red	B	**3SU1001-1JB20-0AA0**		1	1 unit	41J

3SU1000-1HA20-0AA0

3SU1000-1GB20-0AA0

3SU1000-1HB20-0AA0

3SU1000-1JB20-0AA0

3SU1001-1HB20-0AA0

13

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

EMERGENCY STOP mushroom pushbuttons

Version of actuating element	Outer diameter of mushroom	Make of lock	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
	mm								
EMERGENCY STOP mushroom pushbuttons									
With key-operated release									
Tamper-proof, 2 positions	40	RONIS SB30	Red	A	**3SU1000-1HF20-0AA0**		1	1 unit	41J
		RONIS 455	Red	B	**3SU1000-1HG20-0AA0**		1	1 unit	41J
		BKS S1	Red	A	**3SU1000-1HK20-0AA0**		1	1 unit	41J
		BKS E7	Red	B	**3SU1000-1HM20-0AA0**		1	1 unit	41J
		BKS E9	Red	B	**3SU1000-1HN20-0AA0**		1	1 unit	41J
		O.M.R. 73037	Red	A	**3SU1000-1HQ20-0AA0**		1	1 unit	41J
		CES SSG10	Red	A	**3SU1000-1HR20-0AA0**		1	1 unit	41J
		CES SSP9	Red	A	**3SU1000-1HS20-0AA0**		1	1 unit	41J
		CES SMS1	Red	B	**3SU1000-1HT20-0AA0**		1	1 unit	41J

3SU1000-1HF20-0AA0

3SU1000-1HK20-0AA0

3SU1000-1HQ20-0AA0

3SU1000-1HR20-0AA0

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

Selector switches

■ Selection and ordering data

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

3SU1002-2BC40-0AA0

3SU1002-2BF30-0AA0

3SU1002-2CF20-0AA0

3SU1002-2AF20-0AA0

13

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

Selector switches

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

3SU1002-2BM20-0AA0

3SU1002-2BL60-0AA0

3SU1002-2BP50-0AA0

3SU1002-2BN30-0AA0

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

■ **Selection and ordering data**

Operating principle	Make of lock	Switch position for key removal	Number of keys	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Key-operated switches									
2 switch positions (O+I)									
Momentary contact, 45° (10:30/12 o'clock), reset from center to left	RONIS, SB30	O	2	A	**3SU1000-4BC01-0AA0**		1	1 unit	41J
	RONIS, 455	O	2	B	**3SU1000-4CC01-0AA0**		1	1 unit	41J
	O.M.R. 73037, red	O	2	B	**3SU1000-4FC01-0AA0**		1	1 unit	41J
	O.M.R. 73038, light blue	O	2	B	**3SU1000-4GC01-0AA0**		1	1 unit	41J
	O.M.R. 73034, black	O	2	B	**3SU1000-4HC01-0AA0**		1	1 unit	41J
	O.M.R. 73033, yellow	O	2	B	**3SU1000-4JC01-0AA0**		1	1 unit	41J
	CES, SSG10	O	2	A	**3SU1000-5BC01-0AA0**		1	1 unit	41J
	CES, LSG1		2	B	**3SU1000-5HC01-0AA0**		1	1 unit	41J
	BKS, S1	O	2	A	**3SU1000-5PC01-0AA0**		1	1 unit	41J
	IKON, 360012K1	O	2	A	**3SU1000-5XC01-0AA0**		1	1 unit	41J
Latching, 90° (10:30/1:30 o'clock)	RONIS, SB30	O	2	A	**3SU1000-4BF01-0AA0**		1	1 unit	41J
		O+I	2	A	**3SU1000-4BF11-0AA0**		1	1 unit	41J
		I	2	A	**3SU1000-4BF21-0AA0**		1	1 unit	41J
	RONIS, 455	O	2	B	**3SU1000-4CF01-0AA0**		1	1 unit	41J
		O+I	2	B	**3SU1000-4CF11-0AA0**		1	1 unit	41J
	RONIS, 421		2	B	**3SU1000-4DF11-0AA0**		1	1 unit	41J
	O.M.R. 73037, red	O	2	B	**3SU1000-4FF01-0AA0**		1	1 unit	41J
		O+I	2	B	**3SU1000-4FF11-0AA0**		1	1 unit	41J
	O.M.R. 73038, light blue	O	2	A	**3SU1000-4GF01-0AA0**		1	1 unit	41J
		O+I	2	B	**3SU1000-4GF11-0AA0**		1	1 unit	41J
	O.M.R. 73034, black	O	2	B	**3SU1000-4HF01-0AA0**		1	1 unit	41J
		O+I	2	B	**3SU1000-4HF11-0AA0**		1	1 unit	41J
		I	2	B	**3SU1000-4HF21-0AA0**		1	1 unit	41J
	O.M.R. 73033, yellow	O	2	B	**3SU1000-4JF01-0AA0**		1	1 unit	41J
		O+I	2	B	**3SU1000-4JF11-0AA0**		1	1 unit	41J
	CES, SSG10	O	2	A	**3SU1000-5BF01-0AA0**		1	1 unit	41J
		O+I	2	A	**3SU1000-5BF11-0AA0**		1	1 unit	41J
		I	2	A	**3SU1000-5BF21-0AA0**		1	1 unit	41J
	CES, LSG1	O	2	A	**3SU1000-5HF01-0AA0**		1	1 unit	41J
		O+I	2	A	**3SU1000-5HF11-0AA0**		1	1 unit	41J
	BKS, S1	O	2	A	**3SU1000-5PF01-0AA0**		1	1 unit	41J
		O+I	2	A	**3SU1000-5PF11-0AA0**		1	1 unit	41J
		I	2	B	**3SU1000-5PF21-0AA0**		1	1 unit	41J
	BKS, E1	O	1	B	**3SU1000-5QF01-0AA0**		1	1 unit	41J
		O+I	1	B	**3SU1000-5QF11-0AA0**		1	1 unit	41J
	BKS, E2	O	1	A	**3SU1000-5RF01-0AA0**		1	1 unit	41J
		O+I	1	B	**3SU1000-5RF11-0AA0**		1	1 unit	41J
	BKS, E7	O	1	A	**3SU1000-5SF01-0AA0**		1	1 unit	41J
		O+I	1	A	**3SU1000-5SF11-0AA0**		1	1 unit	41J
	BKS, E9	O	1	A	**3SU1000-5TF01-0AA0**		1	1 unit	41J
		O+I	1	B	**3SU1000-5TF11-0AA0**		1	1 unit	41J
	IKON, 360012K1	O	2	A	**3SU1000-5XF01-0AA0**		1	1 unit	41J
		O+I	2	A	**3SU1000-5XF11-0AA0**		1	1 unit	41J

3SU1000-4JC01-0AA0

3SU1000-4BF11-0AA0

3SU1000-4GF11-0AA0

3SU1000-5BF11-0AA0

3SU1000-5PF11-0AA0

13

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

Key-operated switches

Operating principle	Make of lock	Switch position for key removal	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Key-operated switches								
3 switch positions (I+O+II)								
Momentary contact, 2x45°(10:30/12/1:30 o'clock), reset from left + right	RONIS, SB30	O	A	**3SU1000-4BM01-0AA0**		1	1 unit	41J
	O.M.R. 73037, red	O	B	**3SU1000-4FM01-0AA0**		1	1 unit	41J
	O.M.R. 73034, black	O	B	**3SU1000-4HM01-0AA0**		1	1 unit	41J
	CES, SSG10	O	A	**3SU1000-5BM01-0AA0**		1	1 unit	41J
	BKS, S1	O	B	**3SU1000-5PM01-0AA0**		1	1 unit	41J
	IKON, 360012K1	O	B	**3SU1000-5XM01-0AA0**		1	1 unit	41J
Latching, 2x45° (10:30/12/1:30 o'clock)	RONIS, SB30	O	B	**3SU1000-4BL01-0AA0**		1	1 unit	41J
		O+I+II	A	**3SU1000-4BL11-0AA0**		1	1 unit	41J
		I	B	**3SU1000-4BL21-0AA0**		1	1 unit	41J
		II (right)	B	**3SU1000-4BL31-0AA0**		1	1 unit	41J
		I+II (left, right)	B	**3SU1000-4BL41-0AA0**		1	1 unit	41J
		O+I (center, left)	B	**3SU1000-4BL51-0AA0**		1	1 unit	41J
	RONIS, 455	O	B	**3SU1000-4CL01-0AA0**		1	1 unit	41J
		O+I+II	B	**3SU1000-4CL11-0AA0**		1	1 unit	41J
	O.M.R. 73037, red	O	B	**3SU1000-4FL01-0AA0**		1	1 unit	41J
		O+I (center, left)	B	**3SU1000-4FL51-0AA0**		1	1 unit	41J
	O.M.R. 73038, light blue	O	B	**3SU1000-4GL01-0AA0**		1	1 unit	41J
		O+I+II	B	**3SU1000-4GL11-0AA0**		1	1 unit	41J
	O.M.R. 73034, black	O	B	**3SU1000-4HL01-0AA0**		1	1 unit	41J
		O+I+II	B	**3SU1000-4HL11-0AA0**		1	1 unit	41J
	O.M.R. 73033, yellow	O+I+II	B	**3SU1000-4JL11-0AA0**		1	1 unit	41J
	CES, SSG10	O	A	**3SU1000-5BL01-0AA0**		1	1 unit	41J
		O+I+II	A	**3SU1000-5BL11-0AA0**		1	1 unit	41J
		I	B	**3SU1000-5BL21-0AA0**		1	1 unit	41J
		II (right)	A	**3SU1000-5BL31-0AA0**		1	1 unit	41J
		I+II (left, right)	B	**3SU1000-5BL41-0AA0**		1	1 unit	41J
		O+I (center, left)	B	**3SU1000-5BL51-0AA0**		1	1 unit	41J
	BKS, S1	O	B	**3SU1000-5PL01-0AA0**		1	1 unit	41J
		O+I+II	B	**3SU1000-5PL11-0AA0**		1	1 unit	41J
		I	B	**3SU1000-5PL21-0AA0**		1	1 unit	41J
		II (right)	B	**3SU1000-5PL31-0AA0**		1	1 unit	41J
		I+II (left, right)	B	**3SU1000-5PL41-0AA0**		1	1 unit	41J
	BKS, E2	O+I+II	B	**3SU1000-5RL11-0AA0**		1	1 unit	41J
	BKS, E9	O+I+II	B	**3SU1000-5TL11-0AA0**		1	1 unit	41J
	IKON, 360012K1	O	B	**3SU1000-5XL01-0AA0**		1	1 unit	41J
		O+I+II	B	**3SU1000-5XL11-0AA0**		1	1 unit	41J

3SU1000-4BL01-0AA0

3SU1000-4FL01-0AA0

3SU1000-5BL01-0AA0

3SU1000-5PL01-0AA0

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

Key-operated switches / ID key-operated switches

Operating principle	Make of lock	Switch position for key removal	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Key-operated switches								
3 switch positions (I+O+II)								
Momentary contact/ latching, 2x45° (10:30/12/ 1:30 o'clock), reset from left, latching to the right	RONIS, SB30	O	B	3SU1000-4BP01-0AA0		1	1 unit	41J
		II (right)	B	3SU1000-4BP31-0AA0		1	1 unit	41J
		O+II (center, right)	B	3SU1000-4BP61-0AA0		1	1 unit	41J
	CES, SSG10	O	B	3SU1000-5BP01-0AA0		1	1 unit	41J
		II (right)	B	3SU1000-5BP31-0AA0		1	1 unit	41J
		O+II (center, right)	B	3SU1000-5BP61-0AA0		1	1 unit	41J
	BKS, S1	O	B	3SU1000-5PP01-0AA0		1	1 unit	41J
Latching/momentary contact, 2x45° (10:30/12/ 1:30 o'clock), reset from right, latching to the left	RONIS, SB30	O	B	3SU1000-4BN01-0AA0		1	1 unit	41J
		I	B	3SU1000-4BN21-0AA0		1	1 unit	41J
		O+I (center, left)	B	3SU1000-4BN51-0AA0		1	1 unit	41J
	O.M.R. 73038, light blue	O	B	3SU1000-4GN01-0AA0		1	1 unit	41J
	O.M.R. 73034, black	I	B	3SU1000-4HN21-0AA0		1	1 unit	41J
	CES, SSG10	O	B	3SU1000-5BN01-0AA0		1	1 unit	41J
		I	B	3SU1000-5BN21-0AA0		1	1 unit	41J
		O+I (center, left)	B	3SU1000-5BN51-0AA0		1	1 unit	41J
	BKS, S1	I	B	3SU1000-5PN21-0AA0		1	1 unit	41J
		O+I (center, left)	B	3SU1000-5PN51-0AA0		1	1 unit	41J
	IKON, 360012K1	O+I (center, left)	B	3SU1000-5XN51-0AA0		1	1 unit	41J

3SU1000-4BP01-0AA0
3SU1000-5BP01-0AA0
3SU1000-4GN01-0AA0

Selection and ordering data

Operating angle	Operating principle	Switch position for key removal	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
ID key-operated switches									
4 switch positions (O+I+II+III)									
45°	Latching	O+I+II+III	Black	A	3SU1000-4WS10-0AA0		1	1 unit	41J

3SU1000-4WS10-0AA0

For available keys, see page 13/117
For electronic modules for ID key-operated switches,
see page 13/83

13

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

Indicator lights

■ Selection and ordering data

Version of actuating element	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Indicator lights							
Indicator lights with smooth lens	Amber	B	**3SU1001-6AA00-0AA0**		1	1 unit	41J
	Red	A	**3SU1001-6AA20-0AA0**		1	1 unit	41J
	Yellow	A	**3SU1001-6AA30-0AA0**		1	1 unit	41J
	Green	A	**3SU1001-6AA40-0AA0**		1	1 unit	41J
	Blue	A	**3SU1001-6AA50-0AA0**		1	1 unit	41J
	White	A	**3SU1001-6AA60-0AA0**		1	1 unit	41J
	Clear	A	**3SU1001-6AA70-0AA0**		1	1 unit	41J

3SU1001-6AA40-0AA0

# SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, 22 mm, Plastic with Metal Front Ring, Matte
Complete Units

Pushbuttons

Selection and ordering data

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

Pushbuttons with flat button, momentary contact

3SU1130-0AB10-1BA0

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

Pushbuttons with raised button, momentary contact
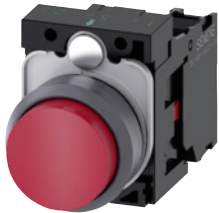
3SU1130-0BB20-1CA0

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

Illuminated pushbuttons with flat button, momentary contact with integrated LED

3SU1132-0AB40-1BA0

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

13

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, 22 mm, Plastic with Metal Front Ring, Matte
Complete Units

Pushbuttons

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

Pushbuttons
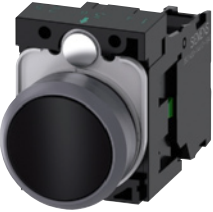
3SU1136-0AB40-1BA0

Illuminated pushbuttons with flat button, momentary contact with integrated LED

		Color	NO	NC	DT	Article No.		PU	PS	PG
230	--	Red	0	1	B	3SU1136-0AB20-1CA0		1	1 unit	41J
		Yellow	1	0	B	3SU1136-0AB30-1BA0		1	1 unit	41J
		Green	1	0	B	3SU1136-0AB40-1BA0		1	1 unit	41J
		Blue	1	0	B	3SU1136-0AB50-1BA0		1	1 unit	41J
		White	1	0	B	3SU1136-0AB60-1BA0		1	1 unit	41J
		Clear	1	0	B	3SU1136-0AB70-1BA0		1	1 unit	41J

Spring-type terminals

3SU1130-0AB10-3BA0

Pushbuttons with flat button, momentary contact

		Color	NO	NC	DT	Article No.		PU	PS	PG
--	--	Black	1	0	B	3SU1130-0AB10-3BA0		1	1 unit	41J
		Red	0	1	B	3SU1130-0AB20-3CA0		1	1 unit	41J
		Green	1	0	B	3SU1130-0AB40-3BA0		1	1 unit	41J

3SU1132-0AB30-3BA0

Illuminated pushbuttons with flat button, momentary contact with integrated LED

		Color	NO	NC	DT	Article No.		PU	PS	PG
24	24	Red	0	1	B	3SU1132-0AB20-3CA0		1	1 unit	41J
		Yellow	1	0	B	3SU1132-0AB30-3BA0		1	1 unit	41J
		Green	1	0	B	3SU1132-0AB40-3BA0		1	1 unit	41J
		Blue	1	0	B	3SU1132-0AB50-3BA0		1	1 unit	41J
		White	1	0	B	3SU1132-0AB60-3BA0		1	1 unit	41J
		Clear	1	0	B	3SU1132-0AB70-3BA0		1	1 unit	41J

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, 22 mm, Plastic with Metal Front Ring, Matte
Complete Units

Mushroom pushbuttons / EMERGENCY STOP mushroom pushbuttons

■ Selection and ordering data

Unlatching method	Number of NO contacts	Number of NC contacts	DT	Screw terminals ⊕		PU (UNIT, SET, M)	PS*	PG
				Article No.	Price per PU			
Mushroom pushbuttons								
With red mushroom, diameter 40 mm, latching								
Pull to unlatch	0	1	B	**3SU1130-1BA20-1CA0**		1	1 unit	41J

3SU1130-1BA20-1CA0

■ Selection and ordering data

Unlatching method	Number of NO contacts	Number of NC contacts	Marking	DT	Screw terminals ⊕		PU (UNIT, SET, M)	PS*	PG
					Article No.	Price per PU			
EMERGENCY STOP mushroom pushbuttons, tamper-proof, in accordance with ISO 13850 and IEC 60947-5-5									
With red mushroom, diameter 40 mm, with positive latching									
Pull to unlatch	0	1	NOT-HALT	B	**3SU1100-1HA20-1CH0**		1	1 unit	41J
Rotate to unlatch	0	1	None	B	**3SU1100-1HB20-1CF0**		1	1 unit	41J
	0	1	EMERGENCY STOP	B	**3SU1100-1HB20-1CG0**		1	1 unit	41J
	0	1	NOT-HALT	A	**3SU1100-1HB20-1CH0**		1	1 unit	41J
	0	1	ARRET D'URGENCE	B	**3SU1100-1HB20-1CJ0**		1	1 unit	41J
					Spring-type terminals ⚏				
Rotate to unlatch	0	1	NOT-HALT	B	**3SU1100-1HB20-3CH0**		1	1 unit	41J

3SU1100-1HA20-1CH0

3SU1100-1HB20-1CH0

3SU1100-1HB20-3CH0

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, 22 mm, Plastic with Metal Front Ring, Matte
Complete Units

Selector switches

■ Selection and ordering data

Operating principle	Color	Number of NO contacts	Number of NC contacts	DT	Screw terminals ⊕		PU (UNIT, SET, M)	PS*	PG
					Article No.	Price per PU			
Selector switches									
Short black actuator, 2 switch positions, can be illuminated									
Latching, 90°	White	1	0	A	**3SU1130-2BF60-1BA0**		1	1 unit	41J
		1	1	A	**3SU1130-2BF60-1MA0**		1	1 unit	41J
Short black actuator, 3 switch positions, can be illuminated									
Momentary contact, 2x45°		2	0	B	**3SU1130-2BM60-1NA0**		1	1 unit	41J
Latching, 2x45°		2	0	A	**3SU1130-2BL60-1NA0**		1	1 unit	41J
Short black actuator, 2 switch positions, can be illuminated					Spring-type terminals				
Latching, 90°	White	1	0	B	**3SU1130-2BF60-3BA0**		1	1 unit	41J
		1	1	B	**3SU1130-2BF60-3MA0**		1	1 unit	41J
Short black actuator, 3 switch positions, can be illuminated									
Momentary contact, 2x45°	White	2	0	B	**3SU1130-2BM60-3NA0**		1	1 unit	41J
Latching, 2x45°		2	0	B	**3SU1130-2BL60-3NA0**		1	1 unit	41J
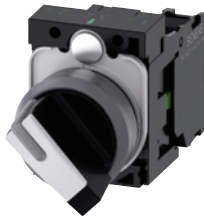
3SU1130-2BF60-1BA0
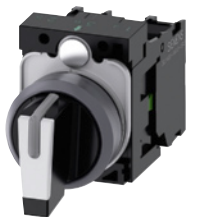
3SU1130-2BL60-1NA0

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, 22 mm, Plastic with Metal Front Ring, Matte
Complete Units

Key-operated switches

■ **Selection and ordering data**

Operating principle	Switch position for key removal	Number of NO contacts	Number of NC contacts	DT	Screw terminals ⊕		PU (UNIT, SET, M)	PS*	PG
					Article No.	Price per PU			
Key-operated switches with 2 keys									
With Ronis lock, SB30, 2 switch positions (O+I)									
Latching, 90° (10:30/1:30 o'clock)	O+I	1	0	B	**3SU1130-4BF11-1BA0**		1	1 unit	41J
With Ronis lock, SB30, 3 switch positions (I+O+II)									
Latching, 2x45° (10:30/1:30 o'clock)	O+I	2	0	B	**3SU1130-4BL11-1NA0**		1	1 unit	41J
With Ronis lock, SB30, 2 switch positions (O+I)					**Spring-type terminals** ⚏				
Latching, 90° (10:30/1:30 o'clock)	O+I	1	0	B	**3SU1130-4BF11-3BA0**		1	1 unit	41J

3SU1130-4BF11-1BA0

3SU1130-4BL11-1NA0

13

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, 22 mm, Plastic with Metal Front Ring, Matte
Complete Units

Indicator lights

■ Selection and ordering data

	Operational voltage		Color		DT	Screw terminals ⊕		PU (UNIT, SET, M)	PS*	PG
	at AC, rated value	at DC, rated value	of actuating element	of light source						
	V					Article No.	Price per PU			
Indicator lights										
With smooth lens and integrated LED										
	24	24	Red	Red	A	**3SU1102-6AA20-1AA0**		1	1 unit	41J
			Yellow	Yellow	A	**3SU1102-6AA30-1AA0**		1	1 unit	41J
			Green	Green	A	**3SU1102-6AA40-1AA0**		1	1 unit	41J
			Blue	Blue	A	**3SU1102-6AA50-1AA0**		1	1 unit	41J
			White	White	A	**3SU1102-6AA60-1AA0**		1	1 unit	41J
			Clear	White	A	**3SU1102-6AA70-1AA0**		1	1 unit	41J
3SU1102-6AA30-1AA0	110	--	Amber	Amber	B	**3SU1103-6AA00-1AA0**		1	1 unit	41J
			Red	Red	A	**3SU1103-6AA20-1AA0**		1	1 unit	41J
			Yellow	Yellow	A	**3SU1103-6AA30-1AA0**		1	1 unit	41J
			Green	Green	A	**3SU1103-6AA40-1AA0**		1	1 unit	41J
			Blue	Blue	B	**3SU1103-6AA50-1AA0**		1	1 unit	41J
			White	White	A	**3SU1103-6AA60-1AA0**		1	1 unit	41J
3SU1103-6AA00-1AA0			Clear	White	B	**3SU1103-6AA70-1AA0**		1	1 unit	41J
	230	--	Amber	Amber	B	**3SU1106-6AA00-1AA0**		1	1 unit	41J
			Red	Red	A	**3SU1106-6AA20-1AA0**		1	1 unit	41J
			Yellow	Yellow	A	**3SU1106-6AA30-1AA0**		1	1 unit	41J
			Green	Green	A	**3SU1106-6AA40-1AA0**		1	1 unit	41J
			Blue	Blue	B	**3SU1106-6AA50-1AA0**		1	1 unit	41J
			White	White	A	**3SU1106-6AA60-1AA0**		1	1 unit	41J
3SU1106-6AA50-1AA0			Clear	White	B	**3SU1106-6AA70-1AA0**		1	1 unit	41J
						Spring-type terminals 🔗				
	24	24	Red	Red	B	**3SU1102-6AA20-3AA0**		1	1 unit	41J
			Yellow	Yellow	B	**3SU1102-6AA30-3AA0**		1	1 unit	41J
			Green	Green	B	**3SU1102-6AA40-3AA0**		1	1 unit	41J
			Blue	Blue	B	**3SU1102-6AA50-3AA0**		1	1 unit	41J
			White	White	B	**3SU1102-6AA60-3AA0**		1	1 unit	41J
3SU1102-6AA20-3AA0			Clear	White	B	**3SU1102-6AA70-3AA0**		1	1 unit	41J
	110	--	Red	Red	B	**3SU1103-6AA20-3AA0**		1	1 unit	41J
			Yellow	Yellow	B	**3SU1103-6AA30-3AA0**		1	1 unit	41J
			Green	Green	B	**3SU1103-6AA40-3AA0**		1	1 unit	41J
			Blue	Blue	B	**3SU1103-6AA50-3AA0**		1	1 unit	41J
			White	White	B	**3SU1103-6AA60-3AA0**		1	1 unit	41J
3SU1102-6AA40-3AA0			Clear	White	B	**3SU1103-6AA70-3AA0**		1	1 unit	41J
	230	--	Red	Red	B	**3SU1106-6AA20-3AA0**		1	1 unit	41J
			Yellow	Yellow	B	**3SU1106-6AA30-3AA0**		1	1 unit	41J
			Green	Green	B	**3SU1106-6AA40-3AA0**		1	1 unit	41J
			Blue	Blue	B	**3SU1106-6AA50-3AA0**		1	1 unit	41J
			White	White	B	**3SU1106-6AA60-3AA0**		1	1 unit	41J
			Clear	White	B	**3SU1106-6AA70-3AA0**		1	1 unit	41J

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, 22 mm, Plastic with Metal Front Ring, Matte
Compact Units

Sensor switches / Pushbuttons with extended stroke

■ Selection and ordering data

Operating principle	Number of NO contacts	Number of NC contacts	Color	DT	M12 connector, 4-pin		PU (UNIT, SET, M)	PS*	PG
					Article No.	Price per PU			
Sensor switches									
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 (IP69K).									
Without pressure	1	0	Black	A	**3SU1200-1SK10-2SA0**		1	1 unit	41J

3SU1200-1SK10-2SA0

■ Selection and ordering data

Version	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Pushbuttons with extended stroke							
Pushbuttons with flat button	Red	B	**3SU1230-0EB20-0AA0**		1	1 unit	41J
	Green	B	**3SU1230-0EB40-0AA0**		1	1 unit	41J

3SU1230-0EB40-0AA0
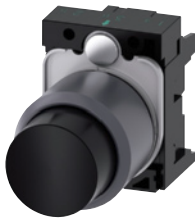
Pushbuttons with raised button	Black	B	**3SU1230-0FB10-0AA0**		1	1 unit	41J

3SU1230-0FB10-0AA0

Illuminated pushbuttons with flat button	Red	B	**3SU1231-0EB20-0AA0**		1	1 unit	41J
	Clear	B	**3SU1231-0EB70-0AA0**		1	1 unit	41J

3SU1231-0EB20-0AA0

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

13

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**

Version of actuating element / Front ring version	Operating principle / Unlatching method	Color, marking	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Pushbuttons								
Pushbuttons with flat button Standard	Momentary contact	Black	A	3SU1030-0AB10-0AA0		1	1 unit	41J
		Black, "O"	B	3SU1030-0AB10-0AD0		1	1 unit	41J
		Red	A	3SU1030-0AB20-0AA0		1	1 unit	41J
		Red, "O"	B	3SU1030-0AB20-0AD0		1	1 unit	41J
		Red, "AUTO"	B	3SU1030-0AB20-0AQ0		1	1 unit	41J
		Yellow	B	3SU1030-0AB30-0AA0		1	1 unit	41J
		Green	A	3SU1030-0AB40-0AA0		1	1 unit	41J
		Green, "I"	B	3SU1030-0AB40-0AC0		1	1 unit	41J
		Blue	A	3SU1030-0AB50-0AA0		1	1 unit	41J
		Blue, "R"	B	3SU1030-0AB50-0AR0		1	1 unit	41J
		White	A	3SU1030-0AB60-0AA0		1	1 unit	41J
		White, "I"	B	3SU1030-0AB60-0AC0		1	1 unit	41J
		Clear	A	3SU1030-0AB70-0AA0		1	1 unit	41J
		Gray	B	3SU1030-0AB80-0AA0		1	1 unit	41J
	Latching Push to unlatch	Black	B	3SU1030-0AA10-0AA0		1	1 unit	41J
		Red	B	3SU1030-0AA20-0AA0		1	1 unit	41J
		Yellow	B	3SU1030-0AA30-0AA0		1	1 unit	41J
		Green	B	3SU1030-0AA40-0AA0		1	1 unit	41J
		Blue	B	3SU1030-0AA50-0AA0		1	1 unit	41J
		White	B	3SU1030-0AA60-0AA0		1	1 unit	41J
Pushbuttons with raised button Standard	Momentary contact	Black	B	3SU1030-0BB10-0AA0		1	1 unit	41J
		Red	B	3SU1030-0BB20-0AA0		1	1 unit	41J
		Yellow	B	3SU1030-0BB30-0AA0		1	1 unit	41J
		Green	B	3SU1030-0BB40-0AA0		1	1 unit	41J
		Blue	B	3SU1030-0BB50-0AA0		1	1 unit	41J
		White	B	3SU1030-0BB60-0AA0		1	1 unit	41J
Pushbuttons with flat button Raised	Momentary contact	Black	B	3SU1030-0CB10-0AA0		1	1 unit	41J
		Red	B	3SU1030-0CB20-0AA0		1	1 unit	41J
		Yellow	B	3SU1030-0CB30-0AA0		1	1 unit	41J
		Green	B	3SU1030-0CB40-0AA0		1	1 unit	41J
		Blue	B	3SU1030-0CB50-0AA0		1	1 unit	41J
		White	B	3SU1030-0CB60-0AA0		1	1 unit	41J

3SU1030-0AB50-0AR0

3SU1030-0AA40-0AA0

3SU1030-0BB20-0AA0

3SU1030-0CB30-0AA0

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, 22 mm, Plastic with Metal Front Ring, Matte
Actuating and Signaling Elements

Pushbuttons

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

3SU1031-0AB20-0AA0

3SU1031-0AA50-0AA0

3SU1031-0BB40-0AA0

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, 22 mm, Plastic with Metal Front Ring, Matte
Actuating and Signaling Elements

Twin pushbuttons

■ Selection and ordering data

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

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, 22 mm, Plastic with Metal Front Ring, Matte
Actuating and Signaling Elements

■ Selection and ordering data

	Version of actuating element	Operating principle Unlatching method	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Mushroom pushbuttons									
3SU1030-1AD20-0AA0	**Mushroom pushbuttons** 30 mm diameter, 2 positions	Momentary contact	Black	B	**3SU1030-1AD10-0AA0**		1	1 unit	41J
			Red	B	**3SU1030-1AD20-0AA0**		1	1 unit	41J
			Yellow	B	**3SU1030-1AD30-0AA0**		1	1 unit	41J
			Green	B	**3SU1030-1AD40-0AA0**		1	1 unit	41J
		Latching Pull to unlatch	Black	B	**3SU1030-1AA10-0AA0**		1	1 unit	41J
			Red	B	**3SU1030-1AA20-0AA0**		1	1 unit	41J
3SU1030-1BD40-0AA0	**Mushroom pushbuttons** 40 mm diameter, 2 positions	Momentary contact	Black	B	**3SU1030-1BD10-0AA0**		1	1 unit	41J
			Red	B	**3SU1030-1BD20-0AA0**		1	1 unit	41J
			Yellow	B	**3SU1030-1BD30-0AA0**		1	1 unit	41J
			Green	B	**3SU1030-1BD40-0AA0**		1	1 unit	41J
		Latching Pull to unlatch	Black	A	**3SU1030-1BA10-0AA0**		1	1 unit	41J
			Red	A	**3SU1030-1BA20-0AA0**		1	1 unit	41J
			Red, "O"	B	**3SU1030-1BA20-0AD0**		1	1 unit	41J
3SU1031-1AD30-0AA0	**Mushroom pushbuttons** 30 mm diameter, 2 positions, illuminated	Momentary contact	Yellow	B	**3SU1031-1AD30-0AA0**		1	1 unit	41J
			Green	B	**3SU1031-1AD40-0AA0**		1	1 unit	41J
			White	B	**3SU1031-1AD60-0AA0**		1	1 unit	41J
			Clear	B	**3SU1031-1AD70-0AA0**		1	1 unit	41J
		Latching Pull to unlatch	Red	B	**3SU1031-1AA20-0AA0**		1	1 unit	41J
			Yellow	B	**3SU1031-1AA30-0AA0**		1	1 unit	41J
3SU1031-1BD60-0AA0	**Mushroom pushbuttons** 40 mm diameter, 2 positions, illuminated	Momentary contact	Yellow	B	**3SU1031-1BD30-0AA0**		1	1 unit	41J
			Green	B	**3SU1031-1BD40-0AA0**		1	1 unit	41J
			White	B	**3SU1031-1BD60-0AA0**		1	1 unit	41J
			Clear	B	**3SU1031-1BD70-0AA0**		1	1 unit	41J
		Latching Pull to unlatch	Red	B	**3SU1031-1BA20-0AA0**		1	1 unit	41J
			Yellow	B	**3SU1031-1BA30-0AA0**		1	1 unit	41J
3SU1000-1HB50-0AA0	**Mushroom pushbuttons** with raised mushroom, 40 mm diameter, 2 positions	With positive latching, tamper-proof Rotate to unlatch	Black	A	**3SU1000-1HB10-0AA0**		1	1 unit	41J
			Blue	B	**3SU1000-1HB50-0AA0**		1	1 unit	41J

13

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

	Version of actuating element	Outer diameter of mushroom mm	Make of lock	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
EMERGENCY STOP mushroom pushbuttons										
	With pull-to-unlatch mechanism									
	Tamper-proof, 2 positions	40	--	Red	A	**3SU1000-1HA20-0AA0**		1	1 unit	41J
	With rotate-to-unlatch mechanism									
	Tamper-proof, 2 positions	33.8	--	Red	A	**3SU1000-1GB20-0AA0**		1	1 unit	41J
		40	--	Red	A	**3SU1000-1HB20-0AA0**		1	1 unit	41J
		60	--	Red	A	**3SU1000-1JB20-0AA0**		1	1 unit	41J
	With rotate-to-unlatch mechanism, can be illuminated									
	Tamper-proof, 2 positions	33.4	--	Red	B	**3SU1001-1GB20-0AA0**		1	1 unit	41J
		40	--	Red	A	**3SU1001-1HB20-0AA0**		1	1 unit	41J
		60	--	Red	B	**3SU1001-1JB20-0AA0**		1	1 unit	41J

3SU1000-1HA20-0AA0

3SU1000-1GB20-0AA0

3SU1000-1HB20-0AA0

3SU1000-1JB20-0AA0

3SU1001-1HB20-0AA0

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

Version of actuating element	Outer diameter of mushroom	Make of lock	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
	mm								
EMERGENCY STOP mushroom pushbuttons									
With key-operated release									
Tamper-proof, 2 positions	40	RONIS SB30	Red	A	**3SU1000-1HF20-0AA0**		1	1 unit	41J
		RONIS 455	Red	B	**3SU1000-1HG20-0AA0**		1	1 unit	41J
		BKS S1	Red	A	**3SU1000-1HK20-0AA0**		1	1 unit	41J
		BKS E7	Red	B	**3SU1000-1HM20-0AA0**		1	1 unit	41J
		BKS E9	Red	B	**3SU1000-1HN20-0AA0**		1	1 unit	41J
		O.M.R. 73037	Red	A	**3SU1000-1HQ20-0AA0**		1	1 unit	41J
		CES SSG10	Red	A	**3SU1000-1HR20-0AA0**		1	1 unit	41J
		CES SSP9	Red	A	**3SU1000-1HS20-0AA0**		1	1 unit	41J
		CES SMS1	Red	B	**3SU1000-1HT20-0AA0**		1	1 unit	41J

3SU1000-1HF20-0AA0

3SU1000-1HK20-0AA0

3SU1000-1HQ20-0AA0

3SU1000-1HR20-0AA0

13

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

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

3SU1032--2BC40-0AA0

3SU1032-2BF30-0AA0

3SU1032-2CF60-0AA0

3SU1032-2AF20-0AA0

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, 22 mm, Plastic with Metal Front Ring, Matte
Actuating and Signaling Elements

Version of actuating element	Operating principle	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Selector switches								
3 switch positions (I+O+II), can be illuminated								
Selector, short black actuator	Momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from left + right	Red	B	3SU1032-2BM20-0AA0		1	1 unit	41J
		Yellow	B	3SU1032-2BM30-0AA0		1	1 unit	41J
		Green	B	3SU1032-2BM40-0AA0		1	1 unit	41J
		Blue	B	3SU1032-2BM50-0AA0		1	1 unit	41J
		White	A	3SU1032-2BM60-0AA0		1	1 unit	41J
	Latching, 2x45° (10:30/12/1:30 o'clock)	Red	B	3SU1032-2BL20-0AA0		1	1 unit	41J
		Yellow	B	3SU1032-2BL30-0AA0		1	1 unit	41J
		Green	A	3SU1032-2BL40-0AA0		1	1 unit	41J
		Blue	B	3SU1032-2BL50-0AA0		1	1 unit	41J
		White	A	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	Red	B	3SU1032-2BP20-0AA0		1	1 unit	41J
		Yellow	B	3SU1032-2BP30-0AA0		1	1 unit	41J
		Green	B	3SU1032-2BP40-0AA0		1	1 unit	41J
		Blue	B	3SU1032-2BP50-0AA0		1	1 unit	41J
		White	A	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	Red	B	3SU1032-2BN20-0AA0		1	1 unit	41J
		Yellow	B	3SU1032-2BN30-0AA0		1	1 unit	41J
		Green	B	3SU1032-2BN40-0AA0		1	1 unit	41J
		Blue	B	3SU1032-2BN50-0AA0		1	1 unit	41J
		White	B	3SU1032-2BN60-0AA0		1	1 unit	41J

3SU1032-2BM60-0AA0

3SU1032-2BL20-0AA0

3SU1032-2BP40-0AA0

3SU1032-2BN30-0AA0

13

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

Operating principle	Make of lock	Switch position for key removal	Number of keys	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Key-operated switches									
2 switch positions (O+I)									
Momentary contact, 45° (10:30/12 o'clock), reset from center to left	RONIS, SB30	O	2	A	3SU1030-4BC01-0AA0		1	1 unit	41J
	RONIS, 455	O	2	B	3SU1030-4CC01-0AA0		1	1 unit	41J
	O.M.R. 73037, red	O	2	B	3SU1030-4FC01-0AA0		1	1 unit	41J
	O.M.R. 73038, light blue	O	2	B	3SU1030-4GC01-0AA0		1	1 unit	41J
	O.M.R. 73034, black	O	2	B	3SU1030-4HC01-0AA0		1	1 unit	41J
	O.M.R. 73033, yellow	O	2	B	3SU1030-4JC01-0AA0		1	1 unit	41J
	CES, SSG10	O	2	A	3SU1030-5BC01-0AA0		1	1 unit	41J
	CES, LSG1	O	2	B	3SU1030-5HC01-0AA0		1	1 unit	41J
	BKS, S1	O	2	A	3SU1030-5PC01-0AA0		1	1 unit	41J
	IKON, 360012K1	O	2	B	3SU1030-5XC01-0AA0		1	1 unit	41J
Latching, 90° (10:30/1:30 o'clock)	RONIS, SB30	O	2	A	3SU1030-4BF01-0AA0		1	1 unit	41J
		O+I	2	A	3SU1030-4BF11-0AA0		1	1 unit	41J
		I	2	B	3SU1030-4BF21-0AA0		1	1 unit	41J
	RONIS, 455	O	2	B	3SU1030-4CF01-0AA0		1	1 unit	41J
		O+I	2	B	3SU1030-4CF11-0AA0		1	1 unit	41J
	O.M.R. 73037, red	O	2	B	3SU1030-4FF01-0AA0		1	1 unit	41J
		O+I	2	B	3SU1030-4FF11-0AA0		1	1 unit	41J
	O.M.R. 73038, light blue	O	2	B	3SU1030-4GF01-0AA0		1	1 unit	41J
		O+I	2	B	3SU1030-4GF11-0AA0		1	1 unit	41J
	O.M.R. 73034, black	O	2	B	3SU1030-4HF01-0AA0		1	1 unit	41J
		O+I	2	B	3SU1030-4HF11-0AA0		1	1 unit	41J
		I	2	B	3SU1030-4HF21-0AA0		1	1 unit	41J
	O.M.R. 73033, yellow	O	2	B	3SU1030-4JF01-0AA0		1	1 unit	41J
		O+I	2	B	3SU1030-4JF11-0AA0		1	1 unit	41J
	CES, SSG10	O	2	A	3SU1030-5BF01-0AA0		1	1 unit	41J
		O+I	2	A	3SU1030-5BF11-0AA0		1	1 unit	41J
		I	2	B	3SU1030-5BF21-0AA0		1	1 unit	41J
	CES, LSG1	O	2	B	3SU1030-5HF01-0AA0		1	1 unit	41J
		O+I	2	B	3SU1030-5HF11-0AA0		1	1 unit	41J
	BKS, S1	O	2	B	3SU1030-5PF01-0AA0		1	1 unit	41J
		O+II	2	B	3SU1030-5PF11-0AA0		1	1 unit	41J
		I	2	B	3SU1030-5PF21-0AA0		1	1 unit	41J
	BKS, E1	O	1	B	3SU1030-5QF01-0AA0		1	1 unit	41J
		O+I	1	B	3SU1030-5QF11-0AA0		1	1 unit	41J
	BKS, E2	O	1	A	3SU1030-5RF01-0AA0		1	1 unit	41J
		O+I	1	B	3SU1030-5RF11-0AA0		1	1 unit	41J
	BKS, E7	O	1	A	3SU1030-5SF01-0AA0		1	1 unit	41J
		O+I	1	A	3SU1030-5SF11-0AA0		1	1 unit	41J
	BKS, E9	O	1	B	3SU1030-5TF01-0AA0		1	1 unit	41J
		O+I	1	B	3SU1030-5TF11-0AA0		1	1 unit	41J
	IKON, 360012K1	O	2	A	3SU1030-5XF01-0AA0		1	1 unit	41J
		O+I	2	B	3SU1030-5XF11-0AA0		1	1 unit	41J

3SU1030-4BC01-0AA0

3SU1030-4BF01-0AA0

3SU1030-4FF01-0AA0

3SU1030-5BF01-0AA0

3SU1030-5PF01-0AA0

© Siemens AG 2015

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, 22 mm, Plastic with Metal Front Ring, Matte
Actuating and Signaling Elements

Key-operated switches

Operating principle	Make of lock	Switch position for key removal	Number of keys	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Key-operated switches									
3 switch positions (I+O+II)									
Momentary contact, 2x45° (10:30/12/ 1:30 o'clock), reset from left + right	RONIS, SB30	O	2	B	3SU1030-4BM01-0AA0		1	1 unit	41J
	O.M.R. 73037, red	O	2	B	3SU1030-4FM01-0AA0		1	1 unit	41J
	O.M.R. 73034, black	O	2	B	3SU1030-4HM01-0AA0		1	1 unit	41J
	CES, SSG10	O	2	A	3SU1030-5BM01-0AA0		1	1 unit	41J
	BKS, S1	O	2	B	3SU1030-5PM01-0AA0		1	1 unit	41J
	IKON, 360012K1	O	2	B	3SU1030-5XM01-0AA0		1	1 unit	41J
Latching, 2x45° (10:30/12/ 1:30 o'clock)	RONIS, SB30	O	2	B	3SU1030-4BL01-0AA0		1	1 unit	41J
		I+O+II	2	A	3SU1030-4BL11-0AA0		1	1 unit	41J
		I	2	B	3SU1030-4BL21-0AA0		1	1 unit	41J
		II (right)	2	B	3SU1030-4BL31-0AA0		1	1 unit	41J
		I+II (left, right)	2	B	3SU1030-4BL41-0AA0		1	1 unit	41J
		O+I (center, left)	2	B	3SU1030-4BL51-0AA0		1	1 unit	41J
	RONIS, 455	O	2	B	3SU1030-4CL01-0AA0		1	1 unit	41J
		I+O+II	2	B	3SU1030-4CL11-0AA0		1	1 unit	41J
	O.M.R. 73037, red	O	2	B	3SU1030-4FL01-0AA0		1	1 unit	41J
		O+I (center, left)	2	B	3SU1030-4FL51-0AA0		1	1 unit	41J
	O.M.R. 73038, light blue	O	2	B	3SU1030-4GL01-0AA0		1	1 unit	41J
		I+O+II	2	B	3SU1030-4GL11-0AA0		1	1 unit	41J
	O.M.R. 73034, black	O	2	B	3SU1030-4HL01-0AA0		1	1 unit	41J
		I+O+II	2	B	3SU1030-4HL11-0AA0		1	1 unit	41J
	O.M.R. 73033, yellow	I+O+II	2	B	3SU1030-4JL11-0AA0		1	1 unit	41J
	CES, SSG10	O	2	B	3SU1030-5BL01-0AA0		1	1 unit	41J
		I+O+II	2	A	3SU1030-5BL11-0AA0		1	1 unit	41J
		I	2	B	3SU1030-5BL21-0AA0		1	1 unit	41J
		II (right)	2	B	3SU1030-5BL31-0AA0		1	1 unit	41J
		I+II (left, right)	2	B	3SU1030-5BL41-0AA0		1	1 unit	41J
		O+I (center, left)	2	B	3SU1030-5BL51-0AA0		1	1 unit	41J
	BKS, S1	O	2	B	3SU1030-5PL01-0AA0		1	1 unit	41J
		I+O+II	2	B	3SU1030-5PL11-0AA0		1	1 unit	41J
		I	2	B	3SU1030-5PL21-0AA0		1	1 unit	41J
		II (right)	2	B	3SU1030-5PL31-0AA0		1	1 unit	41J
		I+II (left, right)	2	B	3SU1030-5PL41-0AA0		1	1 unit	41J
	BKS, E2	I+O+II	1	B	3SU1030-5RL11-0AA0		1	1 unit	41J
	BKS, E9	I+O+II	1	B	3SU1030-5TL11-0AA0		1	1 unit	41J
	IKON, 360012K1	O	2	B	3SU1030-5XL01-0AA0		1	1 unit	41J
		I+O+II	2	B	3SU1030-5XL11-0AA0		1	1 unit	41J

3SU1030-4BM01-0AA0

3SU1030-4JL11-0AA0

3SU1030-5BL41-0AA0

3SU1030-5PL01-0AA0

13

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

Operating principle	Make of lock	Switch position for key removal	Number of keys	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Key-operated switches									
3 switch positions (I+O+II)									
Momentary contact/latching, 2x45° (10:30/12/1:30 o'clock), reset from left, latching to the right	RONIS, SB30	O	2	B	**3SU1030-4BP01-0AA0**		1	1 unit	41J
		II (right)	2	B	**3SU1030-4BP31-0AA0**		1	1 unit	41J
		O + II (center, right)	2	B	**3SU1030-4BP61-0AA0**		1	1 unit	41J
	CES, SSG10	O	2	B	**3SU1030-5BP01-0AA0**		1	1 unit	41J
		II (right)	2	B	**3SU1030-5BP31-0AA0**		1	1 unit	41J
		O + II (center, right)	2	B	**3SU1030-5BP61-0AA0**		1	1 unit	41J
	BKS, S1	O	2	B	**3SU1030-5PP01-0AA0**		1	1 unit	41J
Latching/momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from right, latching to the left	RONIS, SB30	O	2	B	**3SU1030-4BN01-0AA0**		1	1 unit	41J
		I	2	B	**3SU1030-4BN21-0AA0**		1	1 unit	41J
		O+I (center, left)	2	B	**3SU1030-4BN51-0AA0**		1	1 unit	41J
	O.M.R. 73038, light blue	O	2	B	**3SU1030-4GN01-0AA0**		1	1 unit	41J
	O.M.R. 73034, black	I	2	B	**3SU1030-4HN21-0AA0**		1	1 unit	41J
	CES, SSG10	O	2	B	**3SU1030-5BN01-0AA0**		1	1 unit	41J
		I	2	B	**3SU1030-5BN21-0AA0**		1	1 unit	41J
		O+I (center, left)	2	B	**3SU1030-5BN51-0AA0**		1	1 unit	41J
	BKS, S1	O	2	B	**3SU1030-5PN21-0AA0**		1	1 unit	41J
		O+I (center, left)	2	B	**3SU1030-5PN51-0AA0**		1	1 unit	41J
	IKON, 360012K1	O+I (center, left)	2	B	**3SU1030-5XN51-0AA0**		1	1 unit	41J

3SU1030-4BP01-0AA0

3SU1030-5BN01-0AA0

Selection and ordering data

Operating angle	Operating principle	Switch position for key removal	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
ID key-operated switches									
4 switch positions (O+I+II+III)									
45	Latching	O+I+II+III	Black	X	**3SU1030-4WS10-0AA0**		1	1 unit	41J

3SU1030-4WS10-0AA0

© Siemens AG 2015

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, 22 mm, Plastic with Metal Front Ring, Matte
Actuating and Signaling Elements

Indicator lights

■ **Selection and ordering data**

Version of actuating element	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Indicator lights							
Indicator lights with smooth lens	Amber	B	**3SU1001-6AA00-0AA0**		1	1 unit	41J
	Red	A	**3SU1001-6AA20-0AA0**		1	1 unit	41J
	Yellow	A	**3SU1001-6AA30-0AA0**		1	1 unit	41J
	Green	A	**3SU1001-6AA40-0AA0**		1	1 unit	41J
	Blue	A	**3SU1001-6AA50-0AA0**		1	1 unit	41J
	White	A	**3SU1001-6AA60-0AA0**		1	1 unit	41J
	Clear	A	**3SU1001-6AA70-0AA0**		1	1 unit	41J

3SU1001-6AA20-0AA0

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, 22 mm, Metal, Shiny
Complete Units

Pushbuttons

■ Selection and ordering data

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

Pushbuttons

3SU1150-0AB30-1BA0
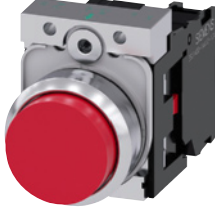
Pushbuttons with flat button, momentary contact
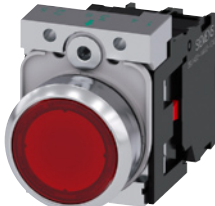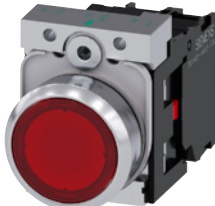
			Color	NO	NC	DT	Article No.		PU	PS*	PG
	--	--	Black	1	0	A	3SU1150-0AB10-1BA0		1	1 unit	41J
				0	1	B	3SU1150-0AB10-1CA0		1	1 unit	41J
			Red	1	0	B	3SU1150-0AB20-1BA0		1	1 unit	41J
				0	1	A	3SU1150-0AB20-1CA0		1	1 unit	41J
			Yellow	1	0	B	3SU1150-0AB30-1BA0		1	1 unit	41J
			Green	1	0	A	3SU1150-0AB40-1BA0		1	1 unit	41J
			Blue	1	0	B	3SU1150-0AB50-1BA0		1	1 unit	41J
			White	1	0	B	3SU1150-0AB60-1BA0		1	1 unit	41J
			Clear	1	0	B	3SU1150-0AB70-1BA0		1	1 unit	41J

3SU1150-0BB20-1CA0

Pushbuttons with raised button, momentary contact

			Color	NO	NC	DT	Article No.		PU	PS*	PG
	--	--	Black	1	0	B	3SU1150-0BB10-1BA0		1	1 unit	41J
				0	1	B	3SU1150-0BB10-1CA0		1	1 unit	41J
			Red	0	1	B	3SU1150-0BB20-1CA0		1	1 unit	41J
			Blue	1	0	B	3SU1150-0BB50-1BA0		1	1 unit	41J

3SU1152-0AB20-1CA0

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

			Color	NO	NC	DT	Article No.		PU	PS*	PG
	24	24	Amber	1	0	B	3SU1152-0AB00-1BA0		1	1 unit	41J
			Red	0	1	A	3SU1152-0AB20-1CA0		1	1 unit	41J
			Yellow	1	0	A	3SU1152-0AB30-1BA0		1	1 unit	41J
			Green	1	0	A	3SU1152-0AB40-1BA0		1	1 unit	41J
			Blue	1	0	A	3SU1152-0AB50-1BA0		1	1 unit	41J
			White	1	0	A	3SU1152-0AB60-1BA0		1	1 unit	41J
			Clear	1	0	A	3SU1152-0AB70-1BA0		1	1 unit	41J

3SU1153-0AB20-1CA0

			Color	NO	NC	DT	Article No.		PU	PS*	PG
	110	--	Amber	1	0	B	3SU1153-0AB00-1BA0		1	1 unit	41J
			Red	0	1	B	3SU1153-0AB20-1CA0		1	1 unit	41J
			Yellow	1	0	B	3SU1153-0AB30-1BA0		1	1 unit	41J
			Green	1	0	B	3SU1153-0AB40-1BA0		1	1 unit	41J
			Blue	1	0	B	3SU1153-0AB50-1BA0		1	1 unit	41J
			White	1	0	B	3SU1153-0AB60-1BA0		1	1 unit	41J
			Clear	1	0	B	3SU1153-0AB70-1BA0		1	1 unit	41J

			Color	NO	NC	DT	Article No.		PU	PS*	PG
	230	--	Amber	1	0	B	3SU1156-0AB00-1BA0		1	1 unit	41J
			Red	0	1	B	3SU1156-0AB20-1CA0		1	1 unit	41J
			Yellow	1	0	B	3SU1156-0AB30-1BA0		1	1 unit	41J
			Green	1	0	B	3SU1156-0AB40-1BA0		1	1 unit	41J
			Blue	1	0	B	3SU1156-0AB50-1BA0		1	1 unit	41J
			White	1	0	B	3SU1156-0AB60-1BA0		1	1 unit	41J
			Clear	1	0	B	3SU1156-0AB70-1BA0		1	1 unit	41J

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, 22 mm, Metal, Shiny
Complete Units

Pushbuttons

	Supply voltage for light source		Color	Number of NO contacts	Number of NC contacts	DT	Spring-type terminals		PU (UNIT, SET, M)	PS*	PG
	At AC	At DC									
	V	V					Article No.	Price per PU			
	Pushbuttons with flat button, momentary contact										
	--	--	Black	1	0	A	**3SU1150-0AB10-3BA0**		1	1 unit	41J
				0	1	B	**3SU1150-0AB10-3CA0**		1	1 unit	41J
			Red	0	1	B	**3SU1150-0AB20-3CA0**		1	1 unit	41J
			Yellow	1	0	B	**3SU1150-0AB30-3BA0**		1	1 unit	41J
			Green	1	0	B	**3SU1150-0AB40-3BA0**		1	1 unit	41J
			Blue	1	0	B	**3SU1150-0AB50-3BA0**		1	1 unit	41J
3SU1150-0AB40-3BA0			White	1	0	B	**3SU1150-0AB60-3BA0**		1	1 unit	41J
	Pushbuttons with raised button, momentary contact										
	--	--	Red	0	1	B	**3SU1150-0BB20-3CA0**		1	1 unit	41J
3SU1150-0BB20-1CA0											
	Illuminated pushbuttons with flat button, momentary contact, with integrated LED										
	24	24	Red	0	1	B	**3SU1152-0AB20-3CA0**		1	1 unit	41J
			Yellow	1	0	B	**3SU1152-0AB30-3BA0**		1	1 unit	41J
			Green	1	0	B	**3SU1152-0AB40-3BA0**		1	1 unit	41J
			Blue	1	0	B	**3SU1152-0AB50-3BA0**		1	1 unit	41J
			White	1	0	B	**3SU1152-0AB60-3BA0**		1	1 unit	41J
3SU1152-0AB50-3BA0			Clear	1	0	B	**3SU1152-0AB70-3BA0**		1	1 unit	41J
	110	--	Red	0	1	B	**3SU1153-0AB20-3CA0**		1	1 unit	41J
			Yellow	1	0	B	**3SU1153-0AB30-3BA0**		1	1 unit	41J
			Green	1	0	B	**3SU1153-0AB40-3BA0**		1	1 unit	41J
			Blue	1	0	B	**3SU1153-0AB50-3BA0**		1	1 unit	41J
			White	1	0	B	**3SU1153-0AB60-3BA0**		1	1 unit	41J
3SU1153-0AB60-3BA0			Clear	1	0	B	**3SU1153-0AB70-3BA0**		1	1 unit	41J
	230	--	Red	0	1	B	**3SU1156-0AB20-3CA0**		1	1 unit	41J
			Yellow	1	0	B	**3SU1156-0AB30-3BA0**		1	1 unit	41J
			Green	1	0	B	**3SU1156-0AB40-3BA0**		1	1 unit	41J
			Blue	1	0	B	**3SU1156-0AB50-3BA0**		1	1 unit	41J
			White	1	0	B	**3SU1156-0AB60-3BA0**		1	1 unit	41J
3SU1156-0AB30-3BA0			Clear	1	0	B	**3SU1156-0AB70-3BA0**		1	1 unit	41J

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, 22 mm, Metal, Shiny
Complete Units

Mushroom pushbuttons / EMERGENCY STOP mushroom pushbuttons

Selection and ordering data

Unlatching method	Number of NO contacts	Number of NC contacts	DT	Screw terminals ⊕		PU (UNIT, SET, M)	PS*	PG
				Article No.	Price per PU			
Mushroom pushbuttons								
With red mushroom, diameter 40 mm, latching								
Pull to unlatch	0	1	A	**3SU1150-1BA20-1CA0**		1	1 unit	41J
				Spring-type terminals ⊙⊙				
Pull to unlatch	0	1	B	**3SU1150-1BA20-3CA0**		1	1 unit	41J

3SU1150-1BA20-1CA0

Selection and ordering data

Unlatching method	Number of NO contacts	Number of NC contacts	Marking	DT	Screw terminals ⊕		PU (UNIT, SET, M)	PS*	PG
					Article No.	Price per PU			
EMERGENCY STOP mushroom pushbuttons, tamper-proof, in accordance with ISO 13850 and IEC 60947-5-5									
With red mushroom, diameter 40 mm, with positive latching									
Pull to unlatch	0	1	EMERGENCY STOP	B	**3SU1150-1HA20-1CG0**		1	1 unit	41J
	0	1	NOT-HALT	B	**3SU1150-1HA20-1CH0**		1	1 unit	41J
Rotate to unlatch	0	1	EMERGENCY STOP	B	**3SU1150-1HB20-1CG0**		1	1 unit	41J
	0	1	NOT-HALT	A	**3SU1150-1HB20-1CH0**		1	1 unit	41J
	0	1	ARRET D'URGENCE	B	**3SU1150-1HB20-1CJ0**		1	1 unit	41J
					Spring-type terminals ⊙⊙				
Pull to unlatch	0	1	NOT-HALT	B	**3SU1150-1HA20-3CH0**		1	1 unit	41J
	0	2	NOT-HALT	B	**3SU1150-1HA20-3PH0**		1	1 unit	41J
Rotate to unlatch	0	1	NOT-HALT	B	**3SU1150-1HB20-3CH0**		1	1 unit	41J
	0	2	NOT-HALT	B	**3SU1150-1HB20-3PH0**		1	1 unit	41J

3SU1150-1HA20-1CH0

3SU1150-1HB20-1CH0

3SU1150-1HA20-3CH0

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, 22 mm, Metal, Shiny
Complete Units

◼ Selection and ordering data

Operating principle	Color	Number of NO contacts	Number of NC contacts	DT	Screw terminals ⊕		PU (UNIT, SET, M)	PS*	PG
					Article No.	Price per PU			
Selector switches									
Short black actuator, 2 switch positions (O+I)									
Latching, 90°	White	1	0	A	**3SU1150-2BF60-1BA0**		1	1 unit	41J
		1	1	A	**3SU1150-2BF60-1MA0**		1	1 unit	41J
Short black actuator, 3 switch positions (I+O+II)									
Momentary contact, 2x45° reset from left + right	White	2	0	A	**3SU1150-2BM60-1NA0**		1	1 unit	41J
Latching, 2x45°	White	2	0	A	**3SU1150-2BL60-1NA0**		1	1 unit	41J
					Spring-type terminals 🔲				
Short black actuator, 2 switch positions (O+I)									
Latching, 90°	White	1	0	B	**3SU1150-2BF60-3BA0**		1	1 unit	41J
		1	1	B	**3SU1150-2BF60-3MA0**		1	1 unit	41J
Short black actuator, 3 switch positions (I +O+II)									
Momentary contact, 2x45° reset from left + right	White	2	0	B	**3SU1150-2BM60-3NA0**		1	1 unit	41J
Latching, 2x45°	White	2	0	B	**3SU1150-2BL60-3NA0**		1	1 unit	41J

3SU1150-2BF60-1BA0

3SU1150-2BL60-3NA0

◼ Selection and ordering data

Operating principle	Switch position for key removal	Number of NO contacts	Number of NC contacts	DT	Screw terminals ⊕		PU (UNIT, SET, M)	PS*	PG
					Article No.	Price per PU			
Key-operated switches									
With Ronis lock, SB30, 2 switch positions (O+I)									
Latching, 90° (10:30/1:30 o'clock)	O+I	1	0	B	**3SU1150-4BF11-1BA0**		1	1 unit	41J
					Spring-type terminals 🔲				
	O+I	1	0	B	**3SU1150-4BF11-3BA0**		1	1 unit	41J
	O	0	2	B	**3SU1150-4BF01-3PA0**		1	1 unit	41J

3SU1150-4BF11-1BA0

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, 22 mm, Metal, Shiny
Compact Units

Indicator lights

Selection and ordering data

Operational voltage		Color		DT	Screen terminals ⊕		PU (UNIT, SET, M)	PS*	PG
At AC, rated value	At DC, rated value	Of actuating element	Of light source		Article No.	Price per PU			
V	V								

Indicator lights

With smooth lens and integrated LED

3SU1152-6AA50-1AA0

24	24	Amber	Amber	B	**3SU1152-6AA00-1AA0**		1	1 unit	41J
		Red	Red	A	**3SU1152-6AA20-1AA0**		1	1 unit	41J
		Yellow	Yellow	A	**3SU1152-6AA30-1AA0**		1	1 unit	41J
		Green	Green	A	**3SU1152-6AA40-1AA0**		1	1 unit	41J
		Blue	Blue	B	**3SU1152-6AA50-1AA0**		1	1 unit	41J
		White	White	A	**3SU1152-6AA60-1AA0**		1	1 unit	41J
		Clear	White	B	**3SU1152-6AA70-1AA0**		1	1 unit	41J

3SU1153-6AA00-1AA0

110	--	Amber	Amber	B	**3SU1153-6AA00-1AA0**		1	1 unit	41J
		Red	Red	A	**3SU1153-6AA20-1AA0**		1	1 unit	41J
		Yellow	Yellow	B	**3SU1153-6AA30-1AA0**		1	1 unit	41J
		Green	Green	A	**3SU1153-6AA40-1AA0**		1	1 unit	41J
		Blue	Blue	B	**3SU1153-6AA50-1AA0**		1	1 unit	41J
		White	White	B	**3SU1153-6AA60-1AA0**		1	1 unit	41J
		Clear	White	B	**3SU1153-6AA70-1AA0**		1	1 unit	41J

3SU1156-6AA60-1AA0

AC 230	--	Red	Red	A	**3SU1156-6AA20-1AA0**		1	1 unit	41J
		Yellow	Yellow	B	**3SU1156-6AA30-1AA0**		1	1 unit	41J
		Green	Green	A	**3SU1156-6AA40-1AA0**		1	1 unit	41J
		Blue	Blue	B	**3SU1156-6AA50-1AA0**		1	1 unit	41J
		White	White	B	**3SU1156-6AA60-1AA0**		1	1 unit	41J
		Clear	White	B	**3SU1156-6AA70-1AA0**		1	1 unit	41J

| | | | | | **Spring-type terminals** ⬚ | | | | |

3SU1152-6AA40-3AA0

24	24	Red	Red	B	**3SU1152-6AA20-3AA0**		1	1 unit	41J
		Yellow	Yellow	B	**3SU1152-6AA30-3AA0**		1	1 unit	41J
		Green	Green	B	**3SU1152-6AA40-3AA0**		1	1 unit	41J
		Blue	Blue	B	**3SU1152-6AA50-3AA0**		1	1 unit	41J
		White	White	B	**3SU1152-6AA60-3AA0**		1	1 unit	41J
		Clear	White	B	**3SU1152-6AA70-3AA0**		1	1 unit	41J

3SU1153-6AA30-3AA0

110	--	Red	Red	B	**3SU1153-6AA20-3AA0**		1	1 unit	41J
		Yellow	Yellow	B	**3SU1153-6AA30-3AA0**		1	1 unit	41J
		Green	Green	B	**3SU1153-6AA40-3AA0**		1	1 unit	41J
		Blue	Blue	B	**3SU1153-6AA50-3AA0**		1	1 unit	41J
		White	White	B	**3SU1153-6AA60-3AA0**		1	1 unit	41J
		Clear	White	B	**3SU1153-6AA70-3AA0**		1	1 unit	41J

230	--	Red	Red	B	**3SU1156-6AA20-3AA0**		1	1 unit	41J
		Yellow	Yellow	B	**3SU1156-6AA30-3AA0**		1	1 unit	41J
		Green	Green	B	**3SU1156-6AA40-3AA0**		1	1 unit	41J
		Blue	Blue	B	**3SU1156-6AA50-3AA0**		1	1 unit	41J
		White	White	B	**3SU1156-6AA60-3AA0**		1	1 unit	41J
		Clear	White	B	**3SU1156-6AA70-3AA0**		1	1 unit	41J

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, 22 mm, Metal, Shiny
Compact Units

Pushbuttons with extended stroke

Selection and ordering data
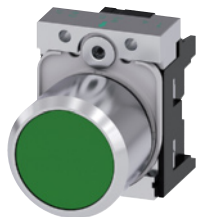
Version	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Pushbuttons with extended stroke							
Pushbuttons with flat button	Red	B	**3SU1250-0EB20-0AA0**		1	1 unit	41J
	Green	B	**3SU1250-0EB40-0AA0**		1	1 unit	41J
Pushbuttons with raised button	Black	A	**3SU1250-0FB10-0AA0**		1	1 unit	41J
Illuminated pushbuttons with flat button	Red	B	**3SU1251-0EB20-0AA0**		1	1 unit	41J
	Clear	B	**3SU1251-0EB70-0AA0**		1	1 unit	41J
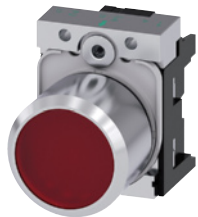
3SU1250-0EB40-0AA0

3SU1250-0FB10-0AA0

3SU1251-0EB20-0AA0

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

3SU1900-0KG10-0AA0

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, 22 mm, Metal, Shiny
Actuating and Signaling Elements

Pushbuttons

■ **Selection and ordering data**

Version of actuating element / Front ring version	Operating principle / Unlatching method	Color, marking	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Pushbuttons								
Pushbuttons with flat button Standard	Momentary contact	Black	A	3SU1050-0AB10-0AA0		1	1 unit	41J
		Black, "O"	B	3SU1050-0AB10-0AD0		1	1 unit	41J
		Red	A	3SU1050-0AB20-0AA0		1	1 unit	41J
		Red, "O"	B	3SU1050-0AB20-0AD0		1	1 unit	41J
		Yellow	B	3SU1050-0AB30-0AA0		1	1 unit	41J
		Green	A	3SU1050-0AB40-0AA0		1	1 unit	41J
		Green, "I"	B	3SU1050-0AB40-0AC0		1	1 unit	41J
		Blue	B	3SU1050-0AB50-0AA0		1	1 unit	41J
		Blue, "R"	B	3SU1050-0AB50-0AR0		1	1 unit	41J
		White	B	3SU1050-0AB60-0AA0		1	1 unit	41J
		White, "⏚"	B	3SU1050-0AB60-0AB0		1	1 unit	41J
		White, "I"	B	3SU1050-0AB60-0AC0		1	1 unit	41J
		Clear	B	3SU1050-0AB70-0AA0		1	1 unit	41J
		Gray	B	3SU1050-0AB80-0AA0		1	1 unit	41J
	Latching Push to unlatch	Black	B	3SU1050-0AA10-0AA0		1	1 unit	41J
		Red	B	3SU1050-0AA20-0AA0		1	1 unit	41J
		Yellow	B	3SU1050-0AA30-0AA0		1	1 unit	41J
		Green	B	3SU1050-0AA40-0AA0		1	1 unit	41J
		Blue	B	3SU1050-0AA50-0AA0		1	1 unit	41J
		White	B	3SU1050-0AA60-0AA0		1	1 unit	41J
Pushbuttons with raised button Standard	Momentary contact	Black	B	3SU1050-0BB10-0AA0		1	1 unit	41J
		Red	B	3SU1050-0BB20-0AA0		1	1 unit	41J
		Yellow	B	3SU1050-0BB30-0AA0		1	1 unit	41J
		Green	B	3SU1050-0BB40-0AA0		1	1 unit	41J
		Blue	B	3SU1050-0BB50-0AA0		1	1 unit	41J
		White	B	3SU1050-0BB60-0AA0		1	1 unit	41J
	Latching Push to unlatch	Red	B	3SU1050-0BA20-0AA0		1	1 unit	41J
Pushbuttons with flat button Raised	Momentary contact	Black	B	3SU1050-0CB10-0AA0		1	1 unit	41J
		Red	B	3SU1050-0CB20-0AA0		1	1 unit	41J
		Yellow	B	3SU1050-0CB30-0AA0		1	1 unit	41J
		Green	B	3SU1050-0CB40-0AA0		1	1 unit	41J
		Blue	B	3SU1050-0CB50-0AA0		1	1 unit	41J
		White	B	3SU1050-0CB60-0AA0		1	1 unit	41J

3SU1050-0AB40-0AC0

3SU1050-0AA30-0AA0

3SU1050-0BB20-0AA0

3SU1050-0CB50-0AA0

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, 22 mm, Metal, Shiny
Actuating and Signaling Elements
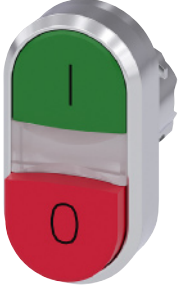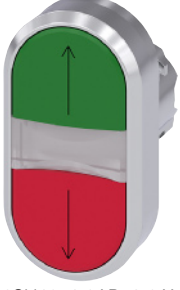
Pushbuttons

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

3SU1051-0AB30-0AA0

3SU1051-0AA20-0AA0

3SU1051-0BB20-0AA0

13

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, 22 mm, Metal, Shiny
Actuating and Signaling Elements

Twin pushbuttons

■ Selection and ordering data

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

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, 22 mm, Metal, Shiny
Actuating and Signaling Elements

Mushroom pushbuttons

■ Selection and ordering data

Version of actuating element	Operating principle / Unlatching method	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Mushroom pushbuttons								
2 switch positions								
Mushroom pushbuttons 30 mm diameter, 2 positions	Momentary contact	Black	B	3SU1050-1AD10-0AA0		1	1 unit	41J
		Red	B	3SU1050-1AD20-0AA0		1	1 unit	41J
		Yellow	B	3SU1050-1AD30-0AA0		1	1 unit	41J
		Green	B	3SU1050-1AD40-0AA0		1	1 unit	41J
	Latching Pull to unlatch	Black	B	3SU1050-1AA10-0AA0		1	1 unit	41J
		Red	B	3SU1050-1AA20-0AA0		1	1 unit	41J
Mushroom pushbuttons 40 mm diameter, 2 positions	Momentary contact	Black	B	3SU1050-1BD10-0AA0		1	1 unit	41J
		Red	B	3SU1050-1BD20-0AA0		1	1 unit	41J
		Yellow	B	3SU1050-1BD30-0AA0		1	1 unit	41J
		Green	B	3SU1050-1BD40-0AA0		1	1 unit	41J
	Latching Pull to unlatch	Black	B	3SU1050-1BA10-0AA0		1	1 unit	41J
		Red	B	3SU1050-1BA20-0AA0		1	1 unit	41J
		Yellow	B	3SU1050-1BA30-0AA0		1	1 unit	41J
Mushroom pushbuttons 60 mm diameter, 2 positions	Momentary contact	Black	B	3SU1050-1CD10-0AA0		1	1 unit	41J
		Red	B	3SU1050-1CD20-0AA0		1	1 unit	41J
		Yellow	B	3SU1050-1CD30-0AA0		1	1 unit	41J
		Green	B	3SU1050-1CD40-0AA0		1	1 unit	41J
	Latching Pull to unlatch	Black	B	3SU1050-1CA10-0AA0		1	1 unit	41J
		Red	B	3SU1050-1CA20-0AA0		1	1 unit	41J
Mushroom pushbuttons 30 mm diameter, 2 positions, illuminated	Momentary contact	Yellow	B	3SU1051-1AD30-0AA0		1	1 unit	41J
		Green	B	3SU1051-1AD40-0AA0		1	1 unit	41J
		White	B	3SU1051-1AD60-0AA0		1	1 unit	41J
	Latching Pull to unlatch	Amber	B	3SU1051-1AA00-0AA0		1	1 unit	41J
		Red	B	3SU1051-1AA20-0AA0		1	1 unit	41J
		Yellow	B	3SU1051-1AA30-0AA0		1	1 unit	41J
		Green	B	3SU1051-1AA40-0AA0		1	1 unit	41J
		Blue	B	3SU1051-1AA50-0AA0		1	1 unit	41J
		Clear	B	3SU1051-1AA70-0AA0		1	1 unit	41J
Mushroom pushbuttons 40 mm diameter, 2 positions, illuminated	Momentary contact	Amber	B	3SU1051-1BD00-0AA0		1	1 unit	41J
		Yellow	B	3SU1051-1BD30-0AA0		1	1 unit	41J
		Green	B	3SU1051-1BD40-0AA0		1	1 unit	41J
		White	B	3SU1051-1BD60-0AA0		1	1 unit	41J
	Latching Pull to unlatch	Amber	B	3SU1051-1BA00-0AA0		1	1 unit	41J
		Red	B	3SU1051-1BA20-0AA0		1	1 unit	41J
		Yellow	B	3SU1051-1BA30-0AA0		1	1 unit	41J
		Green	B	3SU1051-1BA40-0AA0		1	1 unit	41J
		Blue	B	3SU1051-1BA50-0AA0		1	1 unit	41J
		Clear	B	3SU1051-1BA70-0AA0		1	1 unit	41J
Mushroom pushbuttons 60 mm diameter, 2 positions, illuminated	Momentary contact None	Amber	B	3SU1051-1CD00-0AA0		1	1 unit	41J
		Yellow	B	3SU1051-1CD30-0AA0		1	1 unit	41J
		Green	B	3SU1051-1CD40-0AA0		1	1 unit	41J
		White	B	3SU1051-1CD60-0AA0		1	1 unit	41J
	Latching Pull to unlatch	Red	B	3SU1051-1CA20-0AA0		1	1 unit	41J
		Yellow	B	3SU1051-1CA30-0AA0		1	1 unit	41J
		Green	B	3SU1051-1CA40-0AA0		1	1 unit	41J
		Blue	B	3SU1051-1CA50-0AA0		1	1 unit	41J
		Clear	B	3SU1051-1CA70-0AA0		1	1 unit	41J

3SU1050-1AD20-0AA0

3SU1050-1BD30-0AA0

3SU1050-1CD40-0AA0

3SU1051-1AD60-0AA0

3SU1051-1BD40-0AA0

3SU1051-1CA50-0AA0

13

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, 22 mm, Metal, Shiny
Actuating and Signaling Elements

Mushroom pushbuttons / EMERGENCY STOP mushroom pushbuttons

Version of actuating element	Operating principle Unlatching method	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Mushroom pushbuttons								
2 switch positions								
Mushroom pushbuttons with raised mushroom, tamper-proof 40 mm diameter, 2 positions	Latching Rotate to unlatch	Black	B	**3SU1050-1HB10-0AA0**		1	1 unit	41J
3 switch positions								
Mushroom pushbuttons 40 mm diameter, 3 positions	Momentary contact	Black	B	**3SU1050-1ED10-0AA0**		1	1 unit	41J
		Red	B	**3SU1050-1ED20-0AA0**		1	1 unit	41J
	Latching	Black	B	**3SU1050-1EA10-0AA0**		1	1 unit	41J
		Red	B	**3SU1050-1EA20-0AA0**		1	1 unit	41J
	Pull to unlatch							
Mushroom pushbuttons 40 mm diameter, 3 positions, illuminated	Momentary contact	Red	B	**3SU1051-1ED20-0AA0**		1	1 unit	41J
		White	B	**3SU1051-1ED60-0AA0**		1	1 unit	41J
	Latching	Red	B	**3SU1051-1EA20-0AA0**		1	1 unit	41J
		Green	B	**3SU1051-1EA40-0AA0**		1	1 unit	41J
	Pull to unlatch							

3SU1050-1HB10-0AA0

3SU1050-1EA20-0AA0

3SU1051-1EA40-0AA0

Selection and ordering data

Version of actuating element	Outer diameter of mushroom	Make of lock	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
EMERGENCY STOP mushroom pushbuttons									
With pull-to-unlatch mechanism									
EMERGENCY STOP mushroom pushbuttons tamper-proof, 2 positions	40	--	Red	B	**3SU1050-1HA20-0AA0**		1	1 unit	41J
With rotate-to-unlatch mechanism									
EMERGENCY STOP mushroom pushbuttons tamper-proof, 2 positions	33.8	--	Red	B	**3SU1050-1GB20-0AA0**		1	1 unit	41J

3SU1050-1HA20-0AA0

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, 22 mm, Metal, Shiny
Actuating and Signaling Elements

EMERGENCY STOP mushroom pushbuttons

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

EMERGENCY STOP mushroom pushbuttons

With rotate-to-unlatch mechanism

Version of actuating element	Outer diameter of mushroom	Make of lock	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
EMERGENCY STOP mushroom pushbuttons tamper-proof, 2 positions	40	--	Red	A	**3SU1050-1HB20-0AA0**		1	1 unit	41J
	60	--	Red	B	**3SU1050-1JB20-0AA0**		1	1 unit	41J

With rotate-to-unlatch mechanism, can be illuminated

Version of actuating element	Outer diameter of mushroom	Make of lock	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
EMERGENCY STOP mushroom pushbuttons tamper-proof, 2 positions	33.8	--	Red	B	**3SU1051-1GB20-0AA0**		1	1 unit	41J
	40			B	**3SU1051-1HB20-0AA0**		1	1 unit	41J
	60			B	**3SU1051-1JB20-0AA0**		1	1 unit	41J

With key-operated release

Version of actuating element	Outer diameter of mushroom	Make of lock	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
EMERGENCY STOP mushroom pushbuttons tamper-proof, 2 positions	40	RONIS SB30	Red	B	**3SU1050-1HF20-0AA0**		1	1 unit	41J
		RONIS 455		B	**3SU1050-1HG20-0AA0**		1	1 unit	41J
		RONIS 421		B	**3SU1050-1HH20-0AA0**		1	1 unit	41J
		BKS S1		B	**3SU1050-1HK20-0AA0**		1	1 unit	41J
		BKS E7		B	**3SU1050-1HM20-0AA0**		1	1 unit	41J
		BKS E9		B	**3SU1050-1HN20-0AA0**		1	1 unit	41J
		O.M.R. 73037		B	**3SU1050-1HQ20-0AA0**		1	1 unit	41J
		CES SSG10		B	**3SU1050-1HR20-0AA0**		1	1 unit	41J
		CES SSP9		B	**3SU1050-1HS20-0AA0**		1	1 unit	41J
		CES VL5	Black	B	**3SU1050-1HU10-0AA0**		1	1 unit	41J
			Red	B	**3SU1050-1HU20-0AA0**		1	1 unit	41J
		CES VL1		B	**3SU1050-1HV20-0AA0**		1	1 unit	41J
		IKON 360012K1		B	**3SU1050-1HX20-0AA0**		1	1 unit	41J

3SU1050-1HB20-0AA0

3SU1050-1JB20-0AA0

3SU1051-1HB20-0AA0

3SU1050-1HF20-0AA0

3SU1050-1HQ20-0AA0

3SU1050-1HR20-0AA0

13

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, 22 mm, Metal, Shiny
Actuating and Signaling Elements

Selector switches

Selection and ordering data

Version of actuating element	Operating principle	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Selector switches								
2 switch positions (O+I), can be illuminated								
Selector, short black actuator	Momentary contact, 45° (10:30/12 o'clock), reset from center to left	Red	B	3SU1052-2BC20-0AA0		1	1 unit	41J
		Yellow	B	3SU1052-2BC30-0AA0		1	1 unit	41J
		Green	B	3SU1052-2BC40-0AA0		1	1 unit	41J
		Blue	B	3SU1052-2BC50-0AA0		1	1 unit	41J
		White	B	3SU1052-2BC60-0AA0		1	1 unit	41J
	Latching, 90° (10:30/1:30 o'clock)	Amber	B	3SU1052-2BF00-0AA0		1	1 unit	41J
		Red	B	3SU1052-2BF20-0AA0		1	1 unit	41J
		Green	B	3SU1052-2BF40-0AA0		1	1 unit	41J
		White	A	3SU1052-2BF60-0AA0		1	1 unit	41J
Selector, long black actuator	Momentary contact, 45° (10:30/12 o'clock), reset from center to left	Yellow	B	3SU1052-2CC30-0AA0		1	1 unit	41J
		Green	B	3SU1052-2CC40-0AA0		1	1 unit	41J
		Blue	B	3SU1052-2CC50-0AA0		1	1 unit	41J
		White	B	3SU1052-2CC60-0AA0		1	1 unit	41J
	Latching, 90° (10:30/1:30 o'clock)	Red	B	3SU1052-2CF20-0AA0		1	1 unit	41J
		Yellow	B	3SU1052-2CF30-0AA0		1	1 unit	41J
		Green	B	3SU1052-2CF40-0AA0		1	1 unit	41J
		Blue	B	3SU1052-2CF50-0AA0		1	1 unit	41J
		White	B	3SU1052-2CF60-0AA0		1	1 unit	41J
3 switch positions (I+O+II), can be illuminated								
Selector, short black actuator	Momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from left + right	Amber	B	3SU1052-2BM00-0AA0		1	1 unit	41J
		Red	B	3SU1052-2BM20-0AA0		1	1 unit	41J
		Yellow	B	3SU1052-2BM30-0AA0		1	1 unit	41J
		Green	B	3SU1052-2BM40-0AA0		1	1 unit	41J
		Blue	B	3SU1052-2BM50-0AA0		1	1 unit	41J
		White	A	3SU1052-2BM60-0AA0		1	1 unit	41J
	Latching, 2x45° (10:30/12/1:30 o'clock)	Red	B	3SU1052-2BL20-0AA0		1	1 unit	41J
		Yellow	B	3SU1052-2BL30-0AA0		1	1 unit	41J
		Green	B	3SU1052-2BL40-0AA0		1	1 unit	41J
		White	A	3SU1052-2BL60-0AA0		1	1 unit	41J

3SU1052-2BC20-0AA0

3SU1052-2BF40-0AA0

3SU1052-2CF60-0AA0

3SU1052-2BM50-0AA0

3SU1052-2BL30-0AA0

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, 22 mm, Metal, Shiny
Actuating and Signaling Elements

					Selector switches		

Version of actuating element	Operating principle	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Selector switches								
3 switch positions (I+O+II), can be illuminated								
Selector, short black actuator	Momentary contact/ latching, 2x45° (10:30/12/1:30 o'clock), reset from left, latching to the right	White	B	**3SU1052-2BP60-0AA0**		1	1 unit	41J
	Latching/momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from right, latching to the left	Red Green White	B B B	**3SU1052-2BN20-0AA0** **3SU1052-2BN40-0AA0** **3SU1052-2BN60-0AA0**		1 1 1	1 unit 1 unit 1 unit	41J 41J 41J
Selector, long black actuator	Momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from left + right	Red Green White	B B B	**3SU1052-2CM20-0AA0** **3SU1052-2CM40-0AA0** **3SU1052-2CM60-0AA0**		1 1 1	1 unit 1 unit 1 unit	41J 41J 41J
	Latching, 2x45° (10:30/12/1:30 o'clock)	Red Green White	B B B	**3SU1052-2CL20-0AA0** **3SU1052-2CL40-0AA0** **3SU1052-2CL60-0AA0**		1 1 1	1 unit 1 unit 1 unit	41J 41J 41J
	Momentary contact/ latching, 2x45° (10/12/2 o'clock), reset from left, latching to the right	Red White	B B	**3SU1052-2CP20-0AA0** **3SU1052-2CP60-0AA0**		1 1	1 unit 1 unit	41J 41J
	Latching/momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from right, latching to the left	Red White	B B	**3SU1052-2CN20-0AA0** **3SU1052-2CN60-0AA0**		1 1	1 unit 1 unit	41J 41J

3SU1052-2BN20-0AA0

3SU1052-2CL40-0AA0

13

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, 22 mm, Metal, Shiny
Actuating and Signaling Elements

Key-operated switches

Selection and ordering data

	Operating principle	Make of lock	Switch position for key removal	Number of keys	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Key-operated switches										
	2 switch positions (O+I)									
3SU1050-4BC01-0AA0	Momentary contact, 45° (10:30/12 o'clock), reset from center to left	RONIS, SB30	O	2	B	3SU1050-4BC01-0AA0		1	1 unit	41J
		RONIS, 455	O	2	B	3SU1050-4CC01-0AA0		1	1 unit	41J
		O.M.R. 73037, red	O	2	B	3SU1050-4FC01-0AA0		1	1 unit	41J
		O.M.R. 73038, light blue	O	2	B	3SU1050-4GC01-0AA0		1	1 unit	41J
		O.M.R. 73034, black	O	2	B	3SU1050-4HC01-0AA0		1	1 unit	41J
		O.M.R. 73033, yellow	O	2	B	3SU1050-4JC01-0AA0		1	1 unit	41J
		CES, SSG10	O	2	B	3SU1050-5BC01-0AA0		1	1 unit	41J
		CES, LSG1	O	2	B	3SU1050-5HC01-0AA0		1	1 unit	41J
		CES, VL5	O	2	B	3SU1050-5KC01-0AA0		1	1 unit	41J
		CES, STGH10	O	2	B	3SU1050-5LC01-0AA0		1	1 unit	41J
		BKS, S1	O	2	B	3SU1050-5PC01-0AA0		1	1 unit	41J
		IKON, 360012K1	O	2	B	3SU1050-5XC01-0AA0		1	1 unit	41J
3SU1050-4BF01-0AA0	Latching, 90° (10:30/1:30 o'clock)	RONIS, SB30	O	2	B	3SU1050-4BF01-0AA0		1	1 unit	41J
			O+I	2	B	3SU1050-4BF11-0AA0		1	1 unit	41J
			I	2	B	3SU1050-4BF21-0AA0		1	1 unit	41J
		RONIS, 455	O	2	B	3SU1050-4CF01-0AA0		1	1 unit	41J
			O+I	2	B	3SU1050-4CF11-0AA0		1	1 unit	41J
			I	2	B	3SU1050-4CF21-0AA0		1	1 unit	41J
		RONIS, 421	O+I	2	B	3SU1050-4DF11-0AA0		1	1 unit	41J
		O.M.R. 73037, red	O	2	B	3SU1050-4FF01-0AA0		1	1 unit	41J
3SU1050-4GF11-0AA0			O+I	2	B	3SU1050-4FF11-0AA0		1	1 unit	41J
			I	2	B	3SU1050-4FF21-0AA0		1	1 unit	41J
		O.M.R. 73038, light blue	O	2	B	3SU1050-4GF01-0AA0		1	1 unit	41J
			O+I	2	B	3SU1050-4GF11-0AA0		1	1 unit	41J
			I	2	B	3SU1050-4GF21-0AA0		1	1 unit	41J
		O.M.R. 73034, black	O	2	B	3SU1050-4HF01-0AA0		1	1 unit	41J
			O+I	2	B	3SU1050-4HF11-0AA0		1	1 unit	41J
			I	2	B	3SU1050-4HF21-0AA0		1	1 unit	41J
		O.M.R. 73033, yellow	O	2	B	3SU1050-4JF01-0AA0		1	1 unit	41J
			O+I	2	B	3SU1050-4JF11-0AA0		1	1 unit	41J
			I	2	B	3SU1050-4JF21-0AA0		1	1 unit	41J
3SU1050-5BF01-0AA0		CES, SSG10	O	2	B	3SU1050-5BF01-0AA0		1	1 unit	41J
			O+I	2	B	3SU1050-5BF11-0AA0		1	1 unit	41J
			I	2	B	3SU1050-5BF21-0AA0		1	1 unit	41J
		CES, LSG1	O	2	B	3SU1050-5HF01-0AA0		1	1 unit	41J
			O+I	2	B	3SU1050-5HF11-0AA0		1	1 unit	41J
		CES, VL5	O	2	B	3SU1050-5KF01-0AA0		1	1 unit	41J
		CES, STGH10	O+I	2	B	3SU1050-5LF11-0AA0		1	1 unit	41J
		BKS, S1	O	2	B	3SU1050-5PF01-0AA0		1	1 unit	41J
			O+I	2	B	3SU1050-5PF11-0AA0		1	1 unit	41J
			I	2	B	3SU1050-5PF21-0AA0		1	1 unit	41J
		BKS, E1	O	1	B	3SU1050-5QF01-0AA0		1	1 unit	41J
			O+I	1	B	3SU1050-5QF11-0AA0		1	1 unit	41J
		BKS, E2	O	1	B	3SU1050-5RF01-0AA0		1	1 unit	41J
			O+I	1	B	3SU1050-5RF11-0AA0		1	1 unit	41J
		BKS, E7	O	1	B	3SU1050-5SF01-0AA0		1	1 unit	41J
			O+I	1	B	3SU1050-5SF11-0AA0		1	1 unit	41J
		BKS, E9	O	1	B	3SU1050-5TF01-0AA0		1	1 unit	41J

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, 22 mm, Metal, Shiny
Actuating and Signaling Elements

Key-operated switches

■ Selection and ordering data

Operating principle	Make of lock	Switch position for key removal	Number of keys	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Key-operated switches									
3 switch positions (I+O+II)									
Momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from left + right	RONIS, SB30	O	2	B	**3SU1050-4BM01-0AA0**		1	1 unit	41J
	RONIS, 455	O	2	B	**3SU1050-4CM01-0AA0**		1	1 unit	41J
	O.M.R. 73034, black	O	2	B	**3SU1050-4HM01-0AA0**		1	1 unit	41J
	CES, SSG10	O	2	B	**3SU1050-5BM01-0AA0**		1	1 unit	41J
	CES, STGH10	O	2	B	**3SU1050-5LM01-0AA0**		1	1 unit	41J
	BKS, S1	O	2	B	**3SU1050-5PM01-0AA0**		1	1 unit	41J
	IKON, 360012K1	O	2	B	**3SU1050-5XM01-0AA0**		1	1 unit	41J
Latching, 2x45° (10:30/12/1:30 o'clock)	RONIS, SB30	O	2	B	**3SU1050-4BL01-0AA0**		1	1 unit	41J
		I+O+II	2	B	**3SU1050-4BL11-0AA0**		1	1 unit	41J
		I	2	B	**3SU1050-4BL21-0AA0**		1	1 unit	41J
		II (right)	2	B	**3SU1050-4BL31-0AA0**		1	1 unit	41J
		I+II (left, right)	2	B	**3SU1050-4BL41-0AA0**		1	1 unit	41J
		O+I (center, left)	2	B	**3SU1050-4BL51-0AA0**		1	1 unit	41J
	RONIS, 455	O	2	B	**3SU1050-4CL01-0AA0**		1	1 unit	41J
		I+O+II	2	B	**3SU1050-4CL11-0AA0**		1	1 unit	41J
	RONIS, 421		2	B	**3SU1050-4DL11-0AA0**		1	1 unit	41J
	O.M.R. 73037, red	I+O+II	2	B	**3SU1050-4FL11-0AA0**		1	1 unit	41J
	O.M.R. 73038, light blue	O	2	B	**3SU1050-4GL01-0AA0**		1	1 unit	41J
		I+O+II	2	B	**3SU1050-4GL11-0AA0**		1	1 unit	41J
	O.M.R. 73034, black	O	2	B	**3SU1050-4HL01-0AA0**		1	1 unit	41J
		I+O+II	2	B	**3SU1050-4HL11-0AA0**		1	1 unit	41J
	CES, SSG10	O	2	B	**3SU1050-5BL01-0AA0**		1	1 unit	41J
		I+O+II	2	B	**3SU1050-5BL11-0AA0**		1	1 unit	41J
		I	2	B	**3SU1050-5BL21-0AA0**		1	1 unit	41J
		II (right)	2	B	**3SU1050-5BL31-0AA0**		1	1 unit	41J
		I+II (left, right)	2	B	**3SU1050-5BL41-0AA0**		1	1 unit	41J
	BKS, S1	O	2	B	**3SU1050-5PL01-0AA0**		1	1 unit	41J
		I+O+II	2	B	**3SU1050-5PL11-0AA0**		1	1 unit	41J
		I	2	B	**3SU1050-5PL21-0AA0**		1	1 unit	41J
		I+II (left, right)	2	B	**3SU1050-5PL41-0AA0**		1	1 unit	41J
	IKON, 360012K1	O	2	B	**3SU1050-5XL01-0AA0**		1	1 unit	41J
		I+O+II	2	B	**3SU1050-5XL11-0AA0**		1	1 unit	41J

3SU1050-4BM01-0AA0

3SU1050-4FL11-0AA0

3SU1050-5BL01-0AA0

3SU1050-5PL01-0AA0

13

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, 22 mm, Metal, Shiny
Actuating and Signaling Elements

Key-operated switches / Indicator lights

Selection and ordering data

Operating principle	Make of lock	Switch position for key removal	Number of keys	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Key-operated switches									
3 switch positions (I+O+II)									
Momentary contact/ latching, 2x45° (10:30/12/ 1:30 o'clock), reset from left, latching to the right	RONIS, SB30	O	2	B	**3SU1050-4BP01-0AA0**		1	1 unit	41J
		O+II (center, right)	2	B	**3SU1050-4BP61-0AA0**		1	1 unit	41J
	O.M.R. 73034, black	II (right)	2	B	**3SU1050-4HP31-0AA0**		1	1 unit	41J
	O.M.R. 73033, yellow	II (right)	2	B	**3SU1050-4JP31-0AA0**		1	1 unit	41J
	CES, SSG10	O	2	B	**3SU1050-5BP01-0AA0**		1	1 unit	41J
		II (right)	2	B	**3SU1050-5BP31-0AA0**		1	1 unit	41J
		O+II (center, right)	2	B	**3SU1050-5BP61-0AA0**		1	1 unit	41J
	BKS, S1	O	2	B	**3SU1050-5PP01-0AA0**		1	1 unit	41J
Latching/ momentary contact, 2x45° (10:30/12/ 1:30 o'clock), reset from right, latching to the left	RONIS, SB30	O	2	B	**3SU1050-4BN01-0AA0**		1	1 unit	41J
		I	2	B	**3SU1050-4BN21-0AA0**		1	1 unit	41J
		O+I (center, left)	2	B	**3SU1050-4BN51-0AA0**		1	1 unit	41J
	CES, SSG10	O	2	B	**3SU1050-5BN01-0AA0**		1	1 unit	41J
		I	2	B	**3SU1050-5BN21-0AA0**		1	1 unit	41J
		O+I (center, left)	2	B	**3SU1050-5BN51-0AA0**		1	1 unit	41J
	CES, STGH10		2	B	**3SU1050-5LN51-0AA0**		1	1 unit	41J
	BKS, S1	O	2	B	**3SU1050-5PN01-0AA0**		1	1 unit	41J
		I	2	B	**3SU1050-5PN21-0AA0**		1	1 unit	41J
		O+I (center, left)	2	B	**3SU1050-5PN51-0AA0**		1	1 unit	41J

3SU1050-4BP01-0AA0

Selection and ordering data

Version of actuating element	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Indicator lights							
Indicator lights with smooth lens	Amber	B	**3SU1051-6AA00-0AA0**		1	1 unit	41J
	Red	A	**3SU1051-6AA20-0AA0**		1	1 unit	41J
	Yellow	A	**3SU1051-6AA30-0AA0**		1	1 unit	41J
	Green	A	**3SU1051-6AA40-0AA0**		1	1 unit	41J
	Blue	B	**3SU1051-6AA50-0AA0**		1	1 unit	41J
	White	A	**3SU1051-6AA60-0AA0**		1	1 unit	41J
	Clear	B	**3SU1051-6AA70-0AA0**		1	1 unit	41J

3SU1051-6AA40-0AA0

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, Flat, 30 mm, Round, Metal, Matte
Actuating and Signaling Elements

▪ Selection and ordering data

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

3SU1060-0JB50-0AA0

3SU1060-0JA20-0AA0

3SU1061-0JB40-0AA0

3SU1061-0JA30-0AA0

© Siemens AG 2015

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, Flat, 30 mm, Round, Metal, Matte
Actuating and Signaling Elements

Selector switches

Selection and ordering data

Version	Operating principle	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG

Selector switches

2 switch positions (O+I), can be illuminated

Version	Operating principle	Color	DT	Article No.	PU	PS*	PG
Selector, short black actuator and front ring for flat mounting	Momentary contact, 45° (10:30/12 o'clock), reset from center to left	Red	B	3SU1062-2DC20-0AA0	1	1 unit	41J
		Green	B	3SU1062-2DC40-0AA0	1	1 unit	41J
		White	B	3SU1062-2DC60-0AA0	1	1 unit	41J
	Latching, 90° (10:30/1:30 o'clock)	Red	B	3SU1062-2DF20-0AA0	1	1 unit	41J
		Green	B	3SU1062-2DF40-0AA0	1	1 unit	41J
		White	B	3SU1062-2DF60-0AA0	1	1 unit	41J
Selector, long black actuator and front ring for flat mounting	Momentary contact, 45° (10:30/12 o'clock), reset from center to left	Red	B	3SU1062-2EC20-0AA0	1	1 unit	41J
		Green	B	3SU1062-2EC40-0AA0	1	1 unit	41J
		White	B	3SU1062-2EC60-0AA0	1	1 unit	41J
	Latching, 90° (10:30/1:30 o'clock)	Red	B	3SU1062-2EF20-0AA0	1	1 unit	41J
		Green	B	3SU1062-2EF40-0AA0	1	1 unit	41J
		White	B	3SU1062-2EF60-0AA0	1	1 unit	41J

3 switch positions (I+O+II), can be illuminated

Version	Operating principle	Color	DT	Article No.	PU	PS*	PG
Selector, short black actuator and front ring for flat mounting	Momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from left + right	Red	B	3SU1062-2DM20-0AA0	1	1 unit	41J
		Green	B	3SU1062-2DM40-0AA0	1	1 unit	41J
		White	B	3SU1062-2DM60-0AA0	1	1 unit	41J
	Latching, 2x45° (10:30/12/1:30 o'clock)	Red	B	3SU1062-2DL20-0AA0	1	1 unit	41J
		Green	B	3SU1062-2DL40-0AA0	1	1 unit	41J
		White	B	3SU1062-2DL60-0AA0	1	1 unit	41J
Selector, long black actuator and front ring for flat mounting	Momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from left + right	Red	B	3SU1062-2EM20-0AA0	1	1 unit	41J
		Green	B	3SU1062-2EM40-0AA0	1	1 unit	41J
		White	B	3SU1062-2EM60-0AA0	1	1 unit	41J
	Latching, 2x45° (10:30/12/1:30 o'clock)	Red	B	3SU1062-2EL20-0AA0	1	1 unit	41J
		Green	B	3SU1062-2EL40-0AA0	1	1 unit	41J
		White	B	3SU1062-2EL60-0AA0	1	1 unit	41J

3SU1062-2DC40-0AA0

3SU1062-2EC20-0AA0

3SU1062-2DL60-0AA0

3SU1062-2EL20-0AA0

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, Flat, 30 mm, Round, Metal, Matte
Actuating and Signaling Elements

Key-operated switches / Indicator lights

Selection and ordering data

Make of lock	Operating principle	Switch position for key removal	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Key-operated switches with 2 keys								
2 switch positions (O+I)								
RONIS, SB30 and front ring for flat mounting	Momentary contact, 45° (10:30/12 o'clock), reset from center to left	O	B	**3SU1060-4LC01-0AA0**		1	1 unit	41J
	Latching, 90° (10:30/1:30 o'clock)	O+I	B	**3SU1060-4LF11-0AA0**		1	1 unit	41J
		I	B	**3SU1060-4LF21-0AA0**		1	1 unit	41J
3 switch positions (I+O+II)								
RONIS, SB30 and front ring for flat mounting	Latching, 2x45° (10:30/12/1:30 o'clock)	O+I	B	**3SU1060-4LL11-0AA0**		1	1 unit	41J

3SU1060-4LF11-0AA0

3SU1060-4LL11-0AA0

Selection and ordering data

Version	Operating principle	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Indicator lights								
Illuminated pushbuttons with flat button	Fixed button	Red	B	**3SU1061-0JD20-0AA0**		1	1 unit	41J
		Yellow	B	**3SU1061-0JD30-0AA0**		1	1 unit	41J
		Green	B	**3SU1061-0JD40-0AA0**		1	1 unit	41J
		Blue	B	**3SU1061-0JD50-0AA0**		1	1 unit	41J
		Clear	B	**3SU1061-0JD70-0AA0**		1	1 unit	41J

3SU1061-0JD40-0AA0

13

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, Customized Designs

Special locks

■ Options

Special locks for key-operated switches

The plastic and metal key-operated switches of type RONIS, BKS, CES and IKON can be optionally ordered with additional locks.

In this case **"–Z"**, the order code **"Y01"** and the required lock number must be added to the Article No. of the relevant key-operated switch for standard locking.

Order code	Y01
Normal delivery time	25 working days
Additional price per unit	On request
Ordering example	3SU1000–5BF01–0AA0-Z Y01 Z = SSG18

Ordering notes

- For all special locks, an additional price applies.
- The order code **"Y01"** must be quoted in accordance with the above tables. Automated processing of the order with a defined delivery time can be guaranteed only for correctly submitted orders.
- For applications in which access security is important and several lock numbers are used, we recommend the use of BKS or CES key-operated switches.
- Special locks for VW (E1, E2, ...) will be delivered without keys, all others with 2 keys.
- With RONIS, the special locks SB31, 421 and 455 are possible.

Master and master-pass key systems

The following key systems can be supplied with BKS, CES or IKON key-operated switches:

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

When placing an order you must supplement the Article No. of the matching key-operated switches with **"-Z"** and quote the order code **"Y03"**.

Price and delivery time on request.
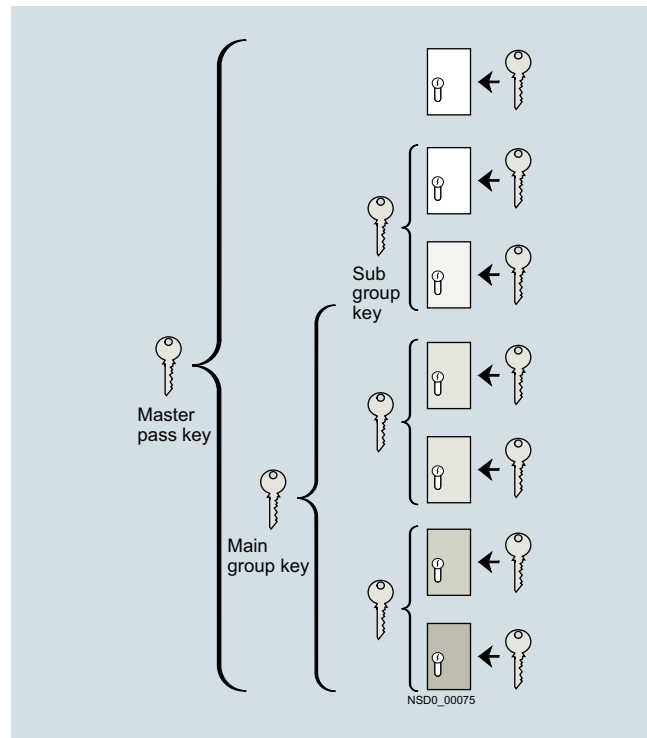
Example of master-pass key system

SIRIUS ACT Pushbuttons and Indicator Lights
Actuators and Indicators, Customized Designs

■ Options

Inscription of actuating and signaling elements

Actuating and signaling elements 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 buttons, the lenses of the indicator lights, and the acoustic signaling devices can all be inscribed.

Selector switches, key-operated switches, toggle switches, coordinate switches, potentiometers and selectors can be inscribed only if they are made of plastic (only one text line on the front ring).

Version

A letter height of 4 mm is used as standard for text inscriptions.

The typeface used is Arial. Other letter heights and typefaces are possible, but must be specified when ordering.

The maximum possible number of characters per line is:
- 10 characters for one line of text
- 8 characters for 2 lines of text
- 6 characters for 3 lines of text, but 10 characters in the middle line.

Note:

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

Ordering notes

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

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

When ordering, supplement the Article No. of the actuating element or the indicator light with **"-Z"** and an order code:
- Text line in upper/lower case, always upper case for beginning of line (e.g. "Lift / Off"): **Y10**
- Text in upper case (e.g."LIFT"): **Y11**
- Text in lower case (e.g. "lift / off / lower"): **Y12**
- Text in upper/lower case, all words begin with upper case letters (e.g."On   Off"): **Y15**
- Symbol with number according to ISO 7000 or IEC 60417: **Y13**
- Any inscription or symbol according to order form supplement: **Y19**

When ordering, specify the required inscription in plain text in addition to the Article No. and order code. In the case of special inscriptions with words in languages other than German, give the exact spelling and specify the language. In the case of symbols with number, quote the corresponding standard (see ordering example 1).

In the case of multi-line inscriptions, the text must be assigned to the respective line, e.g. "Z1 = Lift, Z2 =Lower". For long words you can also specify the end-of-line division.

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

The SIRIUS ACT Configurator must be used to select special inscriptions and symbols (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 (Mall shopping cart) or via the standard order channels.

Ordering example 1

A round pushbutton with the inscription "Reset" is required:

3SU1030–0AD20–0AZ0
Y10
Z = Reset (English)

Ordering example 2

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

3SU1030–0AD20–0AZ0
Y13
Z = 5389 IEC

Ordering example 3

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

3SU1030–0AD20–0AZ0
Y13
Z = 1118 ISO

13

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

■ **Selection and ordering data**

	Holder material	Version	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Holders without module								
3SU1500-0AA10-0AA0	Plastic	3x without module	A	**3SU1500-0AA10-0AA0**		1	1 unit	41J
3SU1550-0AA10-0AA0	Metal	3x without module	A	**3SU1550-0AA10-0AA0**		1	1 unit	41J

Holders with module

■ Selection and ordering data

Number of contact modules	Number of NO contacts	Number of NC contacts	Color	DT	Screw terminals ⊕		PU (UNIT, SET, M)	PS*	PG
					Article No.	Price per PU			
Holders with module									

Plastic version
With contact module

3SU1500-1AA10-1LA0

Number of contact modules	Number of NO contacts	Number of NC contacts	Color	DT	Article No.	PU	PS*	PG
1	1	0	--	B	3SU1500-1AA10-1BA0	1	1 unit	41J
	0	1		B	3SU1500-1AA10-1CA0	1	1 unit	41J
2	1	1	--	B	3SU1500-1AA10-1NA0	1	1 unit	41J
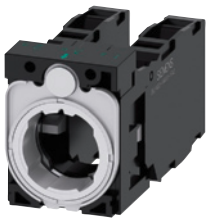
With contact and LED module[1] (6 ... 24 V AC/DC)

3SU1501-1AG20-1CA0

3SU1501-1AG20-1NA0

Number of contact modules	Number of NO contacts	Number of NC contacts	Color	DT	Article No.	PU	PS*	PG
1	1	0	Amber	B	3SU1501-1AG00-1BA0	1	1 unit	41J
			Red	B	3SU1501-1AG20-1BA0	1	1 unit	41J
			Yellow	B	3SU1501-1AG30-1BA0	1	1 unit	41J
			Green	B	3SU1501-1AG40-1BA0	1	1 unit	41J
			Blue	B	3SU1501-1AG50-1BA0	1	1 unit	41J
			White	B	3SU1501-1AG60-1BA0	1	1 unit	41J
	0	1	Amber	B	3SU1501-1AG00-1CA0	1	1 unit	41J
			Red	B	3SU1501-1AG20-1CA0	1	1 unit	41J
			Yellow	B	3SU1501-1AG30-1CA0	1	1 unit	41J
			Green	B	3SU1501-1AG40-1CA0	1	1 unit	41J
			Blue	B	3SU1501-1AG50-1CA0	1	1 unit	41J
			White	B	3SU1501-1AG60-1CA0	1	1 unit	41J
2	1	1	Amber	B	3SU1501-1AG00-1NA0	1	1 unit	41J
			Red	B	3SU1501-1AG20-1NA0	1	1 unit	41J
			Yellow	B	3SU1501-1AG30-1NA0	1	1 unit	41J
			Green	B	3SU1501-1AG40-1NA0	1	1 unit	41J
			Blue	B	3SU1501-1AG50-1NA0	1	1 unit	41J
			White	B	3SU1501-1AG60-1NA0	1	1 unit	41J
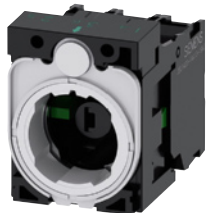
[1] Only for use with SIRIUS commanding and signaling devices.

Number of contact modules	Number of NO contacts	Number of NC contacts	DT	Screw terminals ⊕		PU (UNIT, SET, M)	PS*	PG
				Article No.	Price per PU			
Holders with module								

Metal version
With contact module

3SU1550-1AA10-1BA0

Number of contact modules	Number of NO contacts	Number of NC contacts	DT	Article No.	PU	PS*	PG
1	1	0	B	3SU1550-1AA10-1BA0	1	1 unit	41J
	0	1	B	3SU1550-1AA10-1CA0	1	1 unit	41J
2	1	1	B	3SU1550-1AA10-1NA0	1	1 unit	41J
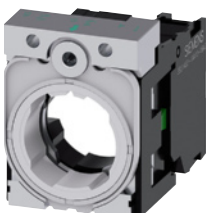
13

SIRIUS ACT Pushbuttons and Indicator Lights
Modules for Actuators and Indicators

Contact modules

■ **Selection and ordering data**

Contact version	Number of NO contacts	Number of NC contacts	Product function positive opening			DT	Screw terminals ⊕		PU (UNIT, SET, M)	PS*	PG
							Article No.	Price per PU			
Contact modules for front plate mounting											
Silver alloy	1	0	No	⌐.3 ⌐.4 3-4	0 1 2 3 4 mm 2,3 NSD0_00015	A	**3SU1400-1AA10-1BA0**		1	1 unit	41J
	0	1	Yes	.1 .2 1-2	0 1 2 3 4 mm 1,6 NSD0_00017	A	**3SU1400-1AA10-1CA0**		1	1 unit	41J
	0	1 with installation monitoring[1]	Yes	.1 .2 1-2	0 1 2 3 4 mm 1,6 NSD0_00017	B	**3SU1400-1AA10-1HA0**		1	1 unit	41J
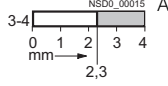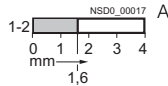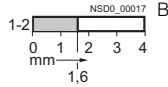
3SU1400-1AA10-1BA0

3SU1400-1AA10-1HA0

[1] The NC contact opens automatically upon disconnection of the actuator.
On delivery, the contact is open (= safe state).
Activation (= NC contacts on the non-actuated commanding device are closed) takes place upon first-time actuation after the contact block is snapped onto the actuator.
Unsuitable for mounting in 3SU18 enclosure.

SIRIUS ACT Pushbuttons and Indicator Lights
Modules for Actuators and Indicators

Contact modules

Contact version	Number of NO contacts	Number of NC contacts	Product function positive opening			DT	**Spring-type terminals**	PU (UNIT, SET, M)	PS*	PG
							Article No. — Price per PU			
Contact modules for front plate mounting										
Silver alloy	1	0	No		3-4 / 2,3	A	**3SU1400-1AA10-3BA0**	1	1 unit	41J
	0	1	Yes		1-2 / 1,6	A	**3SU1400-1AA10-3CA0**	1	1 unit	41J
	0	1 with installation monitoring[1]	Yes		1-2 / 1,6	B	**3SU1400-1AA10-3HA0**	1	1 unit	41J

3SU1400-1AA10-3BA0

3SU1400-1AA10-3HA0

[1] The NC contact opens automatically upon disconnection of the actuator. On delivery, the contact is open (= safe state). Activation (= NC contacts on the non-actuated commanding device are closed) takes place upon first-time actuation after the contact block is snapped onto the actuator. Unsuitable for mounting in 3SU18 enclosure.

13

SIRIUS ACT Pushbuttons and Indicator Lights
Modules for Actuators and Indicators

LED modules

Selection and ordering data

Operational voltage at AC	Operational voltage at DC	Color	DT	Screw terminals ⊕		PU (UNIT, SET, M)	PS*	PG
V	V			Article No.	Price per PU			
LED modules [1] for front plate mounting								
24	24	Amber	A	**3SU1401-1BB00-1AA0**		1	1 unit	41J
		Red	A	**3SU1401-1BB20-1AA0**		1	1 unit	41J
		Yellow	A	**3SU1401-1BB30-1AA0**		1	1 unit	41J
		Green	A	**3SU1401-1BB40-1AA0**		1	1 unit	41J
		Blue	B	**3SU1401-1BB50-1AA0**		1	1 unit	41J
		White	A	**3SU1401-1BB60-1AA0**		1	1 unit	41J
110	--	Amber	B	**3SU1401-1BC00-1AA0**		1	1 unit	41J
		Red	A	**3SU1401-1BC20-1AA0**		1	1 unit	41J
		Yellow	B	**3SU1401-1BC30-1AA0**		1	1 unit	41J
		Green	A	**3SU1401-1BC40-1AA0**		1	1 unit	41J
		Blue	B	**3SU1401-1BC50-1AA0**		1	1 unit	41J
		White	A	**3SU1401-1BC60-1AA0**		1	1 unit	41J
230	--	Amber	B	**3SU1401-1BF00-1AA0**		1	1 unit	41J
		Red	A	**3SU1401-1BF20-1AA0**		1	1 unit	41J
		Yellow	B	**3SU1401-1BF30-1AA0**		1	1 unit	41J
		Green	A	**3SU1401-1BF40-1AA0**		1	1 unit	41J
		Blue	B	**3SU1401-1BF50-1AA0**		1	1 unit	41J
		White	A	**3SU1401-1BF60-1AA0**		1	1 unit	41J
				Spring-type terminals ⧯				
24	24	Amber	B	**3SU1401-1BB00-3AA0**		1	1 unit	41J
		Red	B	**3SU1401-1BB20-3AA0**		1	1 unit	41J
		Yellow	B	**3SU1401-1BB30-3AA0**		1	1 unit	41J
		Green	B	**3SU1401-1BB40-3AA0**		1	1 unit	41J
		Blue	B	**3SU1401-1BB50-3AA0**		1	1 unit	41J
		White	B	**3SU1401-1BB60-3AA0**		1	1 unit	41J
110	--	Amber	B	**3SU1401-1BC00-3AA0**		1	1 unit	41J
		Red	B	**3SU1401-1BC20-3AA0**		1	1 unit	41J
		Yellow	B	**3SU1401-1BC30-3AA0**		1	1 unit	41J
		Green	B	**3SU1401-1BC40-3AA0**		1	1 unit	41J
		Blue	B	**3SU1401-1BC50-3AA0**		1	1 unit	41J
		White	B	**3SU1401-1BC60-3AA0**		1	1 unit	41J
230	--	Amber	B	**3SU1401-1BF00-3AA0**		1	1 unit	41J
		Red	B	**3SU1401-1BF20-3AA0**		1	1 unit	41J
		Yellow	B	**3SU1401-1BF30-3AA0**		1	1 unit	41J
		Green	B	**3SU1401-1BF40-3AA0**		1	1 unit	41J
		Blue	B	**3SU1401-1BF50-3AA0**		1	1 unit	41J
		White	B	**3SU1401-1BF60-3AA0**		1	1 unit	41J

3SU1401-1BB30-1AA0

3SU1401-1BB30-3AA0

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

SIRIUS ACT Pushbuttons and Indicator Lights
Modules for Actuators and Indicators

LED modules

Operational voltage at AC	Operational voltage at DC	Color	DT	Screw terminals ⊕		PU (UNIT, SET, M)	PS*	PG
V	V			Article No.	Price per PU			
LED modules[1] for front plate mounting								
6 … 24	6 … 24	Amber	A	**3SU1401-1BG00-1AA0**		1	1 unit	41J
		Red	B	**3SU1401-1BG20-1AA0**		1	1 unit	41J
		Yellow	B	**3SU1401-1BG30-1AA0**		1	1 unit	41J
		Green	B	**3SU1401-1BG40-1AA0**		1	1 unit	41J
		Blue	B	**3SU1401-1BG50-1AA0**		1	1 unit	41J
		White	B	**3SU1401-1BG60-1AA0**		1	1 unit	41J
24 … 230	24 … 230	Amber	B	**3SU1401-1BH00-1AA0**		1	1 unit	41J
		Red	B	**3SU1401-1BH20-1AA0**		1	1 unit	41J
		Yellow	B	**3SU1401-1BH30-1AA0**		1	1 unit	41J
		Green	B	**3SU1401-1BH40-1AA0**		1	1 unit	41J
		Blue	B	**3SU1401-1BH50-1AA0**		1	1 unit	41J
		White	B	**3SU1401-1BH60-1AA0**		1	1 unit	41J
				Spring-type terminals 🔲				
6 … 24	6 … 24	Amber	B	**3SU1401-1BG00-3AA0**		1	1 unit	41J
		Red	B	**3SU1401-1BG20-3AA0**		1	1 unit	41J
		Yellow	B	**3SU1401-1BG30-3AA0**		1	1 unit	41J
		Green	B	**3SU1401-1BG40-3AA0**		1	1 unit	41J
		Blue	B	**3SU1401-1BG50-3AA0**		1	1 unit	41J
		White	B	**3SU1401-1BG60-3AA0**		1	1 unit	41J
24 … 230	24 … 230	Amber	B	**3SU1401-1BH00-3AA0**		1	1 unit	41J
		Red	B	**3SU1401-1BH20-3AA0**		1	1 unit	41J
		Yellow	B	**3SU1401-1BH30-3AA0**		1	1 unit	41J
		Green	B	**3SU1401-1BH40-3AA0**		1	1 unit	41J
		Blue	B	**3SU1401-1BH50-3AA0**		1	1 unit	41J
		White	B	**3SU1401-1BH60-3AA0**		1	1 unit	41J

3SU1401-1BG30-1AA0

3SU1401-1BG30-3AA0

Operational voltage at AC	Operational voltage at DC	Color	DT	Socket terminals (THT) ⊔		PU (UNIT, SET, M)	PS*	PG
V	V			Article No.	Price per PU			
LED modules[1] for mounting on printed-circuit boards								
--	24	Amber	B	**3SU1401-3BA00-5AA0**		1	1 unit	41J
		Red	B	**3SU1401-3BA20-5AA0**		1	1 unit	41J
		Yellow	B	**3SU1401-3BA30-5AA0**		1	1 unit	41J
		Green	B	**3SU1401-3BA40-5AA0**		1	1 unit	41J
		Blue	B	**3SU1401-3BA50-5AA0**		1	1 unit	41J
		White	B	**3SU1401-3BA60-5AA0**		1	1 unit	41J

3SU1401-3BA20-5AA0

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

13

SIRIUS ACT Pushbuttons and Indicator Lights
Modules for Actuators and Indicators

AS-Interface modules

■ Selection and ordering data

	Slave type	Number of digital inputs		Number of digital outputs	DT	Screw terminals + Spring-type terminals		PU (UNIT, SET, M)	PS*	PG
		Standard	Safety-related			Article No.	Price per PU			
AS-Interface modules for front plate mounting										
3SU1400-1EA10-2AA0	2 F-DI	--	2	--	B	**3SU1400-1EA10-2AA0**		1	1 unit	41J
3SU1401-1EE20-2AA0	2 F-DI + 1 LED	--	2	--	B	**3SU1401-1EE20-2AA0**		1	1 unit	41J
3SU1400-1EC10-2AA0	2 F-DI + 1 DO	--	2	1	B	**3SU1400-1EC10-2AA0**		1	1 unit	41J
						Insulation piercing method				
3SU1400-1EA10-4AA0	2 F-DI	--	2	--	B	**3SU1400-1EA10-4AA0**		1	1 unit	41J
3SU1401-1EE20-4AA0	2 F-DI + 1 LED	--	2	--	B	**3SU1401-1EE20-4AA0**		1	1 unit	41J
						Spring-type terminals + Insulation piercing method				
	2 F-DI + 1 DO	--	2	1	B	**3SU1400-1EC10-4AA0**		1	1 unit	41J

SIRIUS ACT Pushbuttons and Indicator Lights
Modules for Actuators and Indicators

Electronic modules for ID key-operated switches

Technical specifications

Article No.		3SU1400-1GC10-1AA0	3SU1400-1GD10-1AA0
Communication			
Protocol is supported by IO-Link protocol		No	Yes
Product function		Group ID 24 V DC	IO-Link 24 V DC
IO-Link transfer rate		--	COM2 (38.4 kBaud)
Point-to-point cycle time between the master and the IO-Link device minimum	ms	--	10
Type of voltage supply via IO-Link master		--	3
Data volume			
• of the address area of the inputs with cyclic transfer total	bytes	--	2
• of the address area of the outputs with cyclic transfer total	bytes	--	0
Number of NO contacts		5	5
General data			
Impulse withstand voltage rated value	V	800	
Insulation voltage rated value	V	30	
Pollution degree		3	
Type of voltage			
• of operational voltage		DC	
• of input voltage		DC	
Operational voltage			
• 1 at DC rated value	V	24	
• Rated value	V	18 … 30	
Current consumed maximum	mA	49	
Ambient temperature			
• During operation	°C	-25 … +70	
• During storage	°C	-40 … +80	
IP degree of protection		IP20	
Touch protection against electric shock		Finger-safe	
Connections			
Type of electrical connection		Screw terminals ⊕	
Connectable conductor cross-section for auxiliary contacts			
• Solid or stranded	mm²	0.2 … 2.5	
• Solid			
- With end sleeves	mm²	0.2 … 0.75	
• Finely stranded			
- With end sleeves	mm²	0.25 … 1.5	
- Without end sleeves	mm²	0.2 … 2.5	
AWG number as coded connectable conductor cross-section			
• For auxiliary contacts		26 … 14	
Tightening torque			
• For screw terminals	Nm	0.4 … 0.8	

Selection and ordering data

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

13

SIRIUS ACT Pushbuttons and Indicator Lights
Enclosures

General data

◼ Overview

Design

Enclosures with standard fittings

Enclosed SIRIUS ACT pushbuttons and indicator lights are used as hand-operated commanding devices for separately allocated control units and cabinets. The devices are suitable for use in any climate.

Standards

IEC 60947-5-1 or EN 60947-5-1

Versions

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

• Empty enclosures with 1 to 6 command points (the installed components must be ordered separately; use modules for base mounting)

• Enclosures with standard fittings with 1 to 3 command points, e.g. EMERGENCY STOP enclosure with EMERGENCY STOP mushroom pushbutton

• Enclosures with customized fittings with 1 to 6 command points

Color of the enclosures

Top:

• Gray, RAL 7035

• Yellow, RAL 1004 for EMERGENCY STOP

Base:

• Black, RAL 9005

Enclosures with standard fittings

A   Enclosure top
B   Labeling plates
C1 Pushbutton
C2 Indicator light
D   Holder
E   LED module for base mounting
F   Contact modules for base mounting
G   Enclosure lower part
H   Identification letters for the command points
I   Identification number
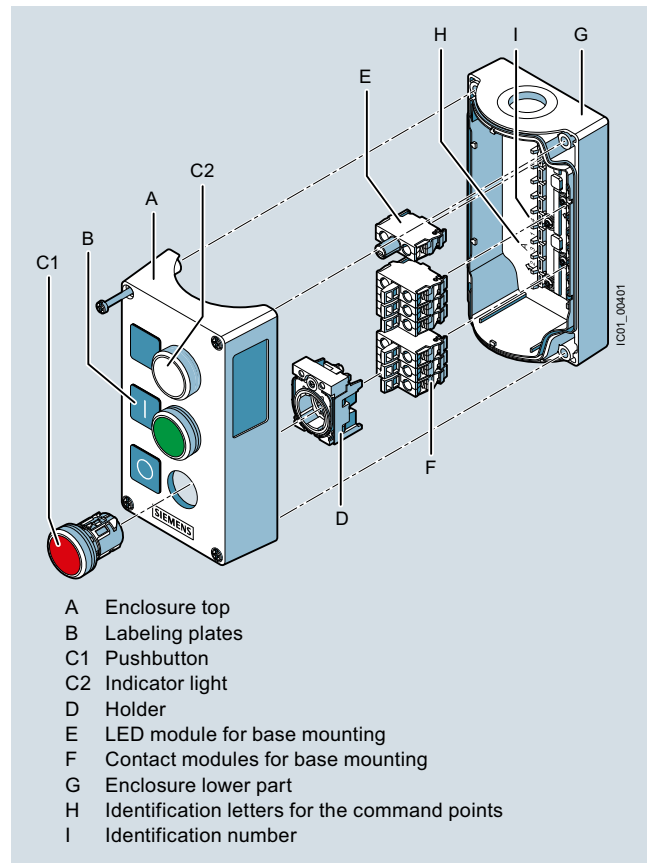
Pushbuttons and indicator lights in the enclosure

Customized enclosures

The fittings and labeling of the command points can be chosen using the Configurator on the Internet, see: www.siemens.com/sirius-act/configurator

◼ Application

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

Selection and ordering data

	Color of enclosure top	Number of command points	Enclosure version	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Enclosures for surface mounting									
	Plastic version								
	Yellow	1	Center command point	A	**3SU1801-0AA00-0AA2**		1	1 unit	41J
			With protective collar	A	**3SU1801-0AA00-0AC2**		1	1 unit	41J
			With recess for labeling plate	A	**3SU1801-0AA00-0AB2**		1	1 unit	41J
3SU1801-0AA00-0AA2	Gray	1	With recess for labeling plate	A	**3SU1801-0AA00-0AB1**		1	1 unit	41J
		2	With recess for labeling plate	A	**3SU1802-0AA00-0AB1**		1	1 unit	41J
		3	With recess for labeling plate	A	**3SU1803-0AA00-0AB1**		1	1 unit	41J
		4	With recess for labeling plate	A	**3SU1804-0AA00-0AB1**		1	1 unit	41J
		6	With recess for labeling plate	A	**3SU1806-0AA00-0AB1**		1	1 unit	41J
3SU1802-0AA00-0AB1	**Metal version**								
	Yellow	1	Center command point	B	**3SU1851-0AA00-0AA2**		1	1 unit	41J
			With protective collar	B	**3SU1851-0AA00-0AC2**		1	1 unit	41J
			With recess for labeling plate	A	**3SU1851-0AA00-0AB2**		1	1 unit	41J
3SU1851-0AA00-0AC2	Gray	1	With recess for labeling plate	A	**3SU1851-0AA00-0AB1**		1	1 unit	41J
			With protective collar	B	**3SU1851-0AA00-0AC1**		1	1 unit	41J
		2	With recess for labeling plate	A	**3SU1852-0AA00-0AB1**		1	1 unit	41J
		3	With recess for labeling plate	A	**3SU1853-0AA00-0AB1**		1	1 unit	41J
3SU1853-0AA00-0AB1		4	With recess for labeling plate	B	**3SU1854-0AA00-0AB1**		1	1 unit	41J
		6	With recess for labeling plate	B	**3SU1856-0AA00-0AB1**		1	1 unit	41J
3SU1854-0AA00-0AB1									
Enclosure for 4-position selector and coordinate switch									
	Plastic version								
	Gray	1	Center command point	B	**3SU1801-1AA00-1AA1**		1	1 unit	41J
	Metal version								
	Gray	1	Center command point	B	**3SU1851-1AA00-1AA1**		1	1 unit	41J
3SU1801-1AA00-1AA1									

13

SIRIUS ACT Pushbuttons and Indicator Lights
Enclosures

Pushbuttons and indicator lights in the enclosure

■ Overview

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

- 1 to 3 command points
- Operating voltage up to 400 V
- Vertical mounting type
- Plastic enclosures are equipped with plastic actuators and indicators, metal enclosures are equipped with metal actuators and indicators
- Contact modules and LED modules for base mounting (are snapped into the enclosure base); screw terminals as standard; some versions also with spring-type terminals

■ Selection and ordering data

Color enclosure top	Number of command points	Enclosure version / Command point fittings	Color of actuating element / Marking	Number of: NC contacts	NO contacts	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Enclosures with standard fittings											
Plastic version											
Yellow	1	Center command point A = EMERGENCY STOP mushroom pushbutton B = indicator light	Red	2	1	A	**3SU1801-0NA00-2AA2**		1	1 unit	41J
		With protective collar A = EMERGENCY STOP mushroom pushbutton B = indicator light A = pushbutton	Red	2	1	A	**3SU1801-0NA00-2AC2**		1	1 unit	41J
				2	1	A	**3SU1801-0NB00-2AC2**		1	1 unit	41J
	2	With recess for labeling plate A = EMERGENCY STOP mushroom pushbutton B = indicator light	A = red B = red A = "without inscription" B = "without inscription"	2	1	B	**3SU1802-0NB00-2AB2**		1	1 unit	41J
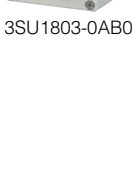
3SU1801-0NA00-2AA2

3SU1801-0NA00-2AC2

Pushbuttons and indicator lights in the enclosure

Color enclosure top	Number of command points	Enclosure version / Command point fittings	Color of actuating element / Marking	Number of: NC contacts	NO contacts	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Enclosures with standard fittings											
Plastic version											
Gray	1	With recess for labeling plate	Green A = I	0	1	B	**3SU1801-0AB00-2AB1**		1	1 unit	41J
		A = pushbutton	Red A = O	1	0	B	**3SU1801-0AC00-2AB1**		1	1 unit	41J
			White A = I	0	1	B	**3SU1801-0AD00-2AB1**		1	1 unit	41J
			Black A = O	1	0	B	**3SU1801-0AE00-2AB1**		1	1 unit	41J
	2	With recess for labeling plate A = pushbutton / B = pushbutton	A = red / B = green A = O / B = I	1	1	B	**3SU1802-0AB00-2AB1**		1	1 unit	41J
			A = black / B = black A = O / B = I	1	1	B	**3SU1802-0AC00-2AB1**		1	1 unit	41J
	3	With recess for labeling plate A = pushbutton / B = pushbutton / C = indicator light	A = red / B = green / C = clear A = O / B = I / C = "without inscription"	1	1	B	**3SU1803-0AB00-2AB1**		1	1 unit	41J
			A = black / B = white / C = clear A = O / B = I / C = "without inscription"	1	1	B	**3SU1803-0AC00-2AB1**		1	1 unit	41J
		With recess for labeling plate A = pushbutton / B = pushbutton / C = pushbutton	A = red / B = black / C = black A = O / B = I / C = II	1	2	B	**3SU1803-0AD00-2AB1**		1	1 unit	41J

3SU1801-0AB00-2AB1

3SU1802-0AB00-2AB1

3SU1803-0AB00-2AB1

13

SIRIUS ACT Pushbuttons and Indicator Lights
Enclosures

Pushbuttons and indicator lights in the enclosure

Color enclosure top	Number of command points	Enclosure version / Command point fittings	Color of actuating element / Marking	Number of: NC contacts	NO contacts	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Enclosures with standard fittings											
Metal version											
Yellow	1	Center command point A = EMERGENCY STOP mushroom pushbutton	Red	0 0	1 1	B B	**3SU1851-0NA00-2AA2** **3SU1851-0NB00-2AA2**		1 1	1 unit 1 unit	41J 41J
		With protective collar A = EMERGENCY STOP mushroom pushbutton	Red	0 0 0	1 1 1	A B B	**3SU1851-0NA00-2AC2** **3SU1851-0NB00-2AC2** **3SU1851-0ND00-2AC2**		1 1 1	1 unit 1 unit 1 unit	41J 41J 41J
Gray	1	With recess for labeling plate A = pushbutton	Green A = I Red A = O White A = I Black A = O	0 0 0 0	1 1 1 1	B B B B	**3SU1851-0AB00-2AB1** **3SU1851-0AC00-2AB1** **3SU1851-0AD00-2AB1** **3SU1851-0AE00-2AB1**		1 1 1 1	1 unit 1 unit 1 unit 1 unit	41J 41J 41J 41J
	2	With recess for labeling plate A = pushbutton / B = pushbutton	A = red B = green A = O / B = I	1	1	B	**3SU1852-0AB00-2AB1**		1	1 unit	41J
			A = black / B = white A = O / B = I	1	1	B	**3SU1852-0AC00-2AB1**		1	1 unit	41J
	3	With recess for labeling plate A = pushbutton / B = pushbutton / C = indicator light	A = red / B = green / C = clear A = O / B = I / C = "without inscription"	1	1	B	**3SU1853-0AB00-2AB1**		1	1 unit	41J
		With recess for labeling plate A = pushbutton / B = pushbutton / C = pushbutton	A = red / B = black / C = black A = O / B = I / C = II	1	2	B	**3SU1853-0AD00-2AB1**		1	1 unit	41J

3SU1851-0NA00-2AA2

3SU1851-0NA00-2AC2

3SU1851-0AC00-2AB1

3SU1852-0AB00-2AB1

3SU1853-0AB00-2AB1

SIRIUS ACT Pushbuttons and Indicator Lights
Enclosures

Pushbuttons and indicator lights in the enclosure for AS-Interface

■ Overview

With AS-Interface enclosures, distributed SIRIUS ACT pushbuttons and indicator lights can be quickly connected to the AS-Interface 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

13

SIRIUS ACT Pushbuttons and Indicator Lights
Enclosures

Pushbuttons and indicator lights in the enclosure for AS-Interface

■ Selection and ordering data

Color of enclosure top	Number of command points	Enclosure version / Command point fittings	Color, marking	DT	Insulation piercing method	PU (UNIT, SET, M)	PS*	PG
					Article No. — Price per PU			
Enclosures with standard fittings								
Plastic version								
Yellow	1	With recess for labeling plate A = EMERGENCY STOP mushroom pushbutton	Red	B	3SU1801-0NB10-4HB2	1	1 unit	41J
Gray	2	With recess for labeling plate A = pushbutton / B = pushbutton	A = red B = green A = O / B = I	B	3SU1802-0AB10-4HB1	1	1 unit	41J
			A = black / B = white A = O / B = I	B	3SU1802-0AC10-4HB1	1	1 unit	41J
	3	With recess for labeling plate A = pushbutton / B = pushbutton / C = indicator light	A = red / B = green / C = clear A = O / B = I / C = "without inscription"	B	3SU1803-0AB10-4HB1	1	1 unit	41J

3SU1801-0NB10-4HB2

3SU1802-0AB10-4HB1

3SU1803-0AB10-4HB1

SIRIUS ACT Pushbuttons and Indicator Lights
Enclosures

Modules for enclosures
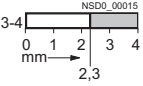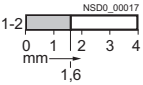
■ Selection and ordering data
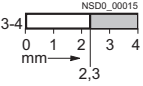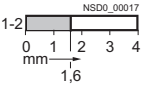
Contact version	Number of NO contacts	Number of NC contacts	Product function positive opening			DT	**Screw terminals** ⊕		PU (UNIT, SET, M)	PS*	PG
							Article No.	Price per PU			
Contact modules for base mounting											
Silver alloy	1	0	No			A	**3SU1400-2AA10-1BA0**		1	1 unit	41J
	0	1	Yes			A	**3SU1400-2AA10-1CA0**		1	1 unit	41J
							Spring-type terminals				
Silver alloy	1	0	No			B	**3SU1400-2AA10-3BA0**		1	1 unit	41J
	0	1	Yes			B	**3SU1400-2AA10-3CA0**		1	1 unit	41J

3SU1400-2AA10-1BA0

3SU1400-2AA10-3BA0

Operational voltage at AC	Operational voltage at DC	Color	DT	**Screw terminals** ⊕		PU (UNIT, SET, M)	PS*	PG
				Article No.	Price per PU			
V	V							
LED modules[1] for base mounting								
24	24	Amber	B	**3SU1401-2BB00-1AA0**		1	1 unit	41J
		Red	B	**3SU1401-2BB20-1AA0**		1	1 unit	41J
		Yellow	B	**3SU1401-2BB30-1AA0**		1	1 unit	41J
		Green	B	**3SU1401-2BB40-1AA0**		1	1 unit	41J
		Blue	B	**3SU1401-2BB50-1AA0**		1	1 unit	41J
		White	B	**3SU1401-2BB60-1AA0**		1	1 unit	41J
110	--	Amber	B	**3SU1401-2BC00-1AA0**		1	1 unit	41J
		Red	B	**3SU1401-2BC20-1AA0**		1	1 unit	41J
		Yellow	B	**3SU1401-2BC30-1AA0**		1	1 unit	41J
		Green	B	**3SU1401-2BC40-1AA0**		1	1 unit	41J
		Blue	B	**3SU1401-2BC50-1AA0**		1	1 unit	41J
		White	B	**3SU1401-2BC60-1AA0**		1	1 unit	41J
230	--	Amber	B	**3SU1401-2BF00-1AA0**		1	1 unit	41J
		Red	B	**3SU1401-2BF20-1AA0**		1	1 unit	41J
		Yellow	B	**3SU1401-2BF30-1AA0**		1	1 unit	41J
		Green	B	**3SU1401-2BF40-1AA0**		1	1 unit	41J
		Blue	B	**3SU1401-2BF50-1AA0**		1	1 unit	41J
		White	B	**3SU1401-2BF60-1AA0**		1	1 unit	41J

3SU1401-2BB60-1AA0

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

13

SIRIUS ACT Pushbuttons and Indicator Lights
Enclosures

Modules for enclosures

Operational voltage at AC	Operational voltage at DC	Color	DT	Spring-type terminals		PU (UNIT, SET, M)	PS*	PG
V	V			Article No.	Price per PU			
LED modules[1] for base mounting								
24	24	Amber	B	**3SU1401-2BB00-3AA0**		1	1 unit	41J
		Red	B	**3SU1401-2BB20-3AA0**		1	1 unit	41J
		Yellow	B	**3SU1401-2BB30-3AA0**		1	1 unit	41J
		Green	B	**3SU1401-2BB40-3AA0**		1	1 unit	41J
		Blue	B	**3SU1401-2BB50-3AA0**		1	1 unit	41J
		White	B	**3SU1401-2BB60-3AA0**		1	1 unit	41J
110	--	Amber	B	**3SU1401-2BC00-3AA0**		1	1 unit	41J
		Red	B	**3SU1401-2BC20-3AA0**		1	1 unit	41J
		Yellow	B	**3SU1401-2BC30-3AA0**		1	1 unit	41J
		Green	B	**3SU1401-2BC40-3AA0**		1	1 unit	41J
		Blue	B	**3SU1401-2BC50-3AA0**		1	1 unit	41J
		White	B	**3SU1401-2BC60-3AA0**		1	1 unit	41J
230	--	Amber	B	**3SU1401-2BF00-3AA0**		1	1 unit	41J
		Red	B	**3SU1401-2BF20-3AA0**		1	1 unit	41J
		Yellow	B	**3SU1401-2BF30-3AA0**		1	1 unit	41J
		Green	B	**3SU1401-2BF40-3AA0**		1	1 unit	41J
		Blue	B	**3SU1401-2BF50-3AA0**		1	1 unit	41J
		White	B	**3SU1401-2BF60-3AA0**		1	1 unit	41J

3SU1401-2BB20-3AA0

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

Operational voltage at AC	Operational voltage at DC	Color	DT	Screw terminals		PU (UNIT, SET, M)	PS*	PG
V	V			Article No.	Price per PU			
LED modules[1] for base mounting · wide voltage range								
6 … 24	6 … 24	Amber	B	**3SU1401-2BG00-1AA0**		1	1 unit	41J
		Red	B	**3SU1401-2BG20-1AA0**		1	1 unit	41J
		Yellow	B	**3SU1401-2BG30-1AA0**		1	1 unit	41J
		Green	B	**3SU1401-2BG40-1AA0**		1	1 unit	41J
		Blue	B	**3SU1401-2BG50-1AA0**		1	1 unit	41J
		White	B	**3SU1401-2BG60-1AA0**		1	1 unit	41J
24 … 230	24 … 230	Amber	B	**3SU1401-2BH00-1AA0**		1	1 unit	41J
		Red	B	**3SU1401-2BH20-1AA0**		1	1 unit	41J
		Yellow	B	**3SU1401-2BH30-1AA0**		1	1 unit	41J
		Green	B	**3SU1401-2BH40-1AA0**		1	1 unit	41J
		Blue	B	**3SU1401-2BH50-1AA0**		1	1 unit	41J
		White	B	**3SU1401-2BH60-1AA0**		1	1 unit	41J
				Spring-type terminals				
6 … 24	6 … 24	Amber	B	**3SU1401-2BG00-3AA0**		1	1 unit	41J
		Red	B	**3SU1401-2BG20-3AA0**		1	1 unit	41J
		Yellow	B	**3SU1401-2BG30-3AA0**		1	1 unit	41J
		Green	B	**3SU1401-2BG40-3AA0**		1	1 unit	41J
		Blue	B	**3SU1401-2BG50-3AA0**		1	1 unit	41J
		White	B	**3SU1401-2BG60-3AA0**		1	1 unit	41J
24 … 230	24 … 230	Amber	B	**3SU1401-2BH00-3AA0**		1	1 unit	41J
		Red	B	**3SU1401-2BH20-3AA0**		1	1 unit	41J
		Yellow	B	**3SU1401-2BH30-3AA0**		1	1 unit	41J
		Green	B	**3SU1401-2BH40-3AA0**		1	1 unit	41J
		Blue	B	**3SU1401-2BH50-3AA0**		1	1 unit	41J
		White	B	**3SU1401-2BH60-3AA0**		1	1 unit	41J

3SU1401-2BG60-1AA0

3SU1401-2BG20-3AA0

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

SIRIUS ACT Pushbuttons and Indicator Lights
Enclosures

Modules for enclosures

	Operational voltage	Slave type	Number of digital inputs		Number of digital outputs	DT	Push-in terminals ▭		PU (UNIT, SET, M)	PS*	PG
			Standard	Safety-related			Article No.	Price per PU			
AS-Interface modules for base mounting											
	24 V	4 DI/3 DO AB	4	0	3	B	**3SU1400-2EJ10-6AA0**		1	1 unit	41J
		4 DI/4DO	4	0	4	B	**3SU1400-2EK10-6AA0**		1	1 unit	41J
3SU1400-2EJ10-6AA0											
IO-Link modules for base mounting											
	24 V	Freely pro-grammable (default 6DI/2DO)	0-8	0	0-8	B	**3SU1400-2HL10-6AA0**		1	1 unit	41J
3SU1400-2EJ10-6AA0											

13

SIRIUS ACT Pushbuttons and Indicator Lights
Enclosures

Two-hand operation consoles

■ Overview

Equipment

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

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

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

■ Application

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

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

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

For the further processing of control commands, suitable evaluation units are used, e.g. 3SK11 safety relays or the 3RK3 Modular Safety System.

Standards

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

■ Selection and ordering data

Version of actuating element / Unlatching method	Color of actuating element	Number of NO contacts	Number of NC contacts	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Enclosures · Two-hand operation consoles									
Plastic enclosures									
None	--	0	0	B	**3SU1803-3AA00-1AA1**		1	1 unit	41J
A = mushroom pushbutton / B = EMERGENCY STOP mushroom pushbutton / C = mushroom pushbutton A = pull-to-unlatch mechanism / B = rotate-to-unlatch mechanism / C = pull-to-unlatch mechanism	A = black / B = red / C = black	2	4	B	**3SU1803-3NB00-1AE1**		1	1 unit	41J
Metal enclosures									
None	--	0	0	B	**3SU1853-3AA00-0AA1**		1	1 unit	41J
A = mushroom pushbutton / B = EMERGENCY STOP mushroom pushbutton / C = mushroom pushbutton A = pull-to-unlatch mechanism / B = rotate-to-unlatch mechanism / C = pull-to-unlatch mechanism	A = black / B = red / C = black	2	4	B	**3SU1853-3NB00-1AA1**		1	1 unit	41J
		2	4	B	**3SU1853-3NB00-1AD1**		1	1 unit	41J

3SU1803-3NB00-1AE1

3SU1853-3AA00-0AA1

3SU1853-3NB00-1AA1

3SU1853-3NB00-1AD1

Version	Material	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Accessories								
Stands for two-hand operation console	Metal	Silver	B	**3SU1950-0HN10-0AA0**		1	1 unit	41J

Overview

Labels can be inserted for identification purposes in pushbuttons (clear) and in illuminated pushbuttons with a flat button. These insert labels are made of semi-transparent plastic with black inscription; they can be fitted in any 90° angle.

Inscription

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

The insert labels without inscription are suitable for user marking with permanent pen.

For customized inscription,

Selection and ordering data

Color	Marking	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Insert labels							
For self-inscription							
Clear/Black (label/lettering)	None	B	**3SU1900-0AB71-0AA0**		100	10 units	41J
Inscription in German							
Clear/Black (label/lettering)	Ein	B	**3SU1900-0AB71-0AB0**		100	10 units	41J
	Aus	B	**3SU1900-0AB71-0AC0**		100	10 units	41J
	Auf	B	**3SU1900-0AB71-0AD0**		100	10 units	41J
	Ab	B	**3SU1900-0AB71-0AE0**		100	10 units	41J
	Vor	B	**3SU1900-0AB71-0AF0**		100	10 units	41J
	Zurück	B	**3SU1900-0AB71-0AG0**		100	10 units	41J
	Rechts	B	**3SU1900-0AB71-0AH0**		100	10 units	41J
	Links	B	**3SU1900-0AB71-0AJ0**		100	10 units	41J
	Halt	B	**3SU1900-0AB71-0AK0**		100	10 units	41J
	Zu	B	**3SU1900-0AB71-0AL0**		100	10 units	41J
	Schnell	B	**3SU1900-0AB71-0AM0**		100	10 units	41J
	Langsam	B	**3SU1900-0AB71-0AN0**		100	10 units	41J
	Betrieb	B	**3SU1900-0AB71-0AP0**		100	10 units	41J
	Störung	B	**3SU1900-0AB71-0AQ0**		100	10 units	41J
	Einrichten	B	**3SU1900-0AB71-0AR0**		100	10 units	41J
Inscription in English							
Clear/Black (label/lettering)	On	B	**3SU1900-0AB71-0DJ0**		100	10 units	41J
	Off	B	**3SU1900-0AB71-0DK0**		100	10 units	41J
	Up	B	**3SU1900-0AB71-0DL0**		100	10 units	41J
	Down	B	**3SU1900-0AB71-0DM0**		100	10 units	41J
	Forward+	B	**3SU1900-0AB71-0DN0**		100	10 units	41J
	Right	B	**3SU1900-0AB71-0DQ0**		100	10 units	41J
	Left	B	**3SU1900-0AB71-0DR0**		100	10 units	41J
	Stop	B	**3SU1900-0AB71-0DS0**		100	10 units	41J
	Start	B	**3SU1900-0AB71-0DT0**		100	10 units	41J
	Reset	B	**3SU1900-0AB71-0DU0**		100	10 units	41J
	Test	B	**3SU1900-0AB71-0DV0**		100	10 units	41J
	Open	B	**3SU1900-0AB71-0DW0**		100	10 units	41J
	Close	B	**3SU1900-0AB71-0DX0**		100	10 units	41J
	Running	B	**3SU1900-0AB71-0EB0**		100	10 units	41J
	Fast	B	**3SU1900-0AB71-0EE0**		100	10 units	41J
	Slow	B	**3SU1900-0AB71-0EF0**		100	10 units	41J

3SU1900-0AB71-0AA0

3SU1900-0AB71-0AB0

3SU1900-0AB71-0DN0

13

SIRIUS ACT Pushbuttons and Indicator Lights
Accessories
Labels

Insert labels

	Color	Marking		Symbol No.	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Insert labels										
	With symbol (ON/OFF)									
	Black/White (label/lettering)	O I		--	B	3SU1900-0AB16-0QE0		1	10 units	41J
	White/Black (label/lettering)	O I		--	B	3SU1900-0AB61-0QE0		1	10 units	41J
	Clear/Black (label/lettering)	O		5008 IEC	A	3SU1900-0AB71-0QA0		100	10 units	41J
		I		5007 IEC	A	3SU1900-0AB71-0QB0		100	10 units	41J
		II		--	B	3SU1900-0AB71-0QC0		100	10 units	41J
		III		--	B	3SU1900-0AB71-0QD0		100	10 units	41J
	With symbol (graphic)									
	Clear/Black (label/lettering)	→	ARROW DIRECTION TO RIGHT	5022 IEC	A	3SU1900-0AB71-0QR0		100	10 units	41J
		↖	ARROW DIRECTION UP	--	B	3SU1900-0AB71-0QS0		100	10 units	41J
			CLOCKWISE ROTATION	0004 ISO	B	3SU1900-0AB71-0QT0		100	10 units	41J
			COUNTERCLOCK-WISE ROTATION	--	B	3SU1900-0AB71-0QU0		100	10 units	41J
			RAPID TRAVERSE	0266 ISO	B	3SU1900-0AB71-0QV0		100	10 units	41J
			FEED	--	B	3SU1900-0AB71-0QW0		100	10 units	41J
			INCREASE, PLUS	5005 IEC	B	3SU1900-0AB71-0QX0		100	10 units	41J
			DECREASE, MINUS	5006 IEC	B	3SU1900-0AB71-0QY0		100	10 units	41J
			ELECTRIC MOTOR	0011 ISO	B	3SU1900-0AB71-0RA0		100	10 units	41J
			HORN	5014 IEC	B	3SU1900-0AB71-0RB0		100	10 units	41J
			WATER TAP	--	B	3SU1900-0AB71-0RC0		100	10 units	41J
			PUMP	0134 ISO	B	3SU1900-0AB71-0RD0		100	10 units	41J
			COOLANT PUMP	0355 ISO	B	3SU1900-0AB71-0RE0		100	10 units	41J
			LOCK, TIGHTEN	--	B	3SU1900-0AB71-0RF0		100	10 units	41J
			UNLOCK, UNCLAMP	--	B	3SU1900-0AB71-0RG0		100	10 units	41J
			BRAKE	--	B	3SU1900-0AB71-0RH0		100	10 units	41J
			RELEASE BRAKE	0021 ISO	B	3SU1900-0AB71-0RJ0		100	10 units	41J
			INTERLOCK	0022 ISO	B	3SU1900-0AB71-0RK0		100	10 units	41J
			UNLOCK	0023 ISO	B	3SU1900-0AB71-0RL0		100	10 units	41J
			SETTING	--	B	3SU1900-0AB71-0RM0		100	10 units	41J
			ON-OFF MOMENTARY CONTACT TYPE	5011 IEC	B	3SU1900-0AB71-0RN0		100	10 units	41J
			MANUAL OPERATION	0096 ISO	B	3SU1900-0AB71-0RP0		100	10 units	41J
			AUTOMATIC CYCLE	0017 ISO	B	3SU1900-0AB71-0RQ0		100	10 units	41J
			SUCTION	--	B	3SU1900-0AB71-0RR0		100	10 units	41J
			BLOWING	--	B	3SU1900-0AB71-0RS0		100	10 units	41J

3SU1900-0AB71-0QC0

3SU1900-0AB71-0QT0

3SU1900-0AB71-0RB0

3SU1900-0AB71-0RN0

■ Options

Customized inscriptions

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

By default, a letter height of 4 mm (for a single line of text) or 3 mm (for two or three lines of text) is used for text inscriptions.

The typeface used is Arial. Other letter heights and typefaces are possible, but must be specified when ordering.

For round insert labels, the maximum possible number of characters per line is:

- 10 characters for one line of text
- 8 characters for 2 lines of text
- 6 characters for 3 lines of text, but 10 characters in the middle line

Examples for customized inscription

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

Single-line inscription in upper case lettering (Q1Y)

Three-line inscription in lower case letters (Q2Y)

Symbol number 5011 according to IEC 60417 (Q3Y)

Any symbol according to order form supplement (Q9Y)

Ordering notes

Append the following order codes to the Article No.:

- Text line(s) in upper/lower case, upper case always for beginning of line (e.g. "Lift / Off"): **Q0Y**
- Text line(s) in upper case (e.g. "LIFT"): **Q1Y**
- Text line(s) in lower case (e.g. "lift / off / lower"): **Q2Y**
- Text line(s) in upper/lower case, all words begin with upper case letters (e.g. "On   Off"): **Q5Y**
- Symbol with number according to ISO 7000 or IEC 60417: **Q3Y**
- Any inscription or symbol according to order form supplement: **Q9Y**

When ordering, specify the required inscription in plain text in addition to the article number and order code. In the case of special inscriptions with words in languages other than German, give the exact spelling and specify the language. In the case of multi-line inscriptions, the text must be assigned to the respective line, e.g. "Z1 = Lift, Z2 =Lower". For long words you can also specify the end-of-line division; see ordering example 1

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

The SIRIUS ACT Configurator must be used to select customized inscriptions and symbols (order code Q9Y).
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 (Mall shopping cart) or via the standard order channels.

Standard ordering channels:
- Configurator: www.siemens.com/sirius-act/configurator
- Electronic Catalog CA 01 on DVD
- Industry Mall: www.siemens.com/industrymall

Ordering example 1

A label with 2 lines of text is required:

3SU1900-0AB71-0AZ0
Q1Y
Z1 = LIFT
Z2 = LOWER

Ordering example 2

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

3SU1900-0AB71-0AZ0
Q3Y
Z = 5011 IEC

Ordering example 3

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

3SU1900-0AB71-0AZ0
Q3Y
Z = 1118 ISO

13

SIRIUS ACT Pushbuttons and Indicator Lights
Accessories
Labels

Label holders for labeling plates

■ **Selection and ordering data**

	Label holder shape	Label holder color	Label fastening method	Labeling plate size Height mm	Width mm	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Label holders for labeling plates											
	With rounded bottom	Black	Self-adhesive	12.5	27	A	**3SU1900-0AG10-0AA0**		100	10 units	41J
				17.5	27	A	**3SU1900-0AH10-0AA0**		100	10 units	41J
				27	27	A	**3SU1900-0AJ10-0AA0**		100	10 units	41J
			Snap-on	12.5	27	A	**3SU1900-0AR10-0AA0**		100	10 units	41J
				17.5	27	A	**3SU1900-0AS10-0AA0**		100	10 units	41J
				27	27	A	**3SU1900-0AT10-0AA0**		100	10 units	41J
3SU1900-0AG10-0AA0	With square bottom	Black	Self-adhesive	12.5	27	B	**3SU1900-0AN10-0AA0**		100	1 unit	41J
				17.5	27	B	**3SU1900-0AP10-0AA0**		100	1 unit	41J
				27	27	B	**3SU1900-0AQ10-0AA0**		100	1 unit	41J
3SU1900-0AN10-0AA0											
Label holders for labeling plates for coordinate switches											
	With square bottom	Black	Self-adhesive	27	27	A	**3SU1900-0AL10-0AA0**		1	1 unit	41J
3SU1900-0AL10-0AA0	Cross	Black	Self-adhesive	27	27	B	**3SU1900-0AM10-0AA0**		1	1 unit	41J
3SU1900-0AM10-0AA0											
Label holders for labeling plates for twin pushbuttons											
	Rectangular	Black	Self-adhesive	12.5	27	A	**3SU1900-0AK10-0AA0**		100	10 units	41J
3SU1900-0AK10-0AA0											
Single frames											
	Square	--	--	29.8	29.8	A	**3SU1900-0AX10-0AA0**		1	10 units	41J
3SU1900-0AX10-0AA0											

SIRIUS ACT Pushbuttons and Indicator Lights
Accessories
Labels

Labeling plates

Overview

The backing plates consist of a black molded-plastic label holder and a labeling plate (black with white print or silver-colored with black print) for sticking or snapping in place. They are not suitable for EMERGENCY STOP buttons. Note mounting dimensions!

Inscription

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

For customized inscription,

Labeling plates for sticking/snapping in place

The labels are available in three sizes:

- 12.5 mm × 27 mm
- 17.5 mm × 27 mm
- 27 mm × 27 mm

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

Selection and ordering data

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

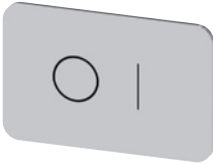3SU1900-0AC16-0AA0

3SU1900-0AC16-0AG0

3SU1900-0AC16-0DN0

13

SIRIUS ACT Pushbuttons and Indicator Lights
Accessories
Labels

Labeling plates

Color	Marking		Symbol No.	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Labeling plates 12.5 mm x 27 mm									
Inscription in French									
Black/White (label/lettering)	Marche		--	B	**3SU1900-0AC16-0GA0**		100	10 units	41J
	Arrêt		--	B	**3SU1900-0AC16-0GB0**		100	10 units	41J
	Montée		--	B	**3SU1900-0AC16-0GC0**		100	10 units	41J
	Descente		--	B	**3SU1900-0AC16-0GD0**		100	10 units	41J
	Avant		--	B	**3SU1900-0AC16-0GE0**		100	10 units	41J
	Retour		--	B	**3SU1900-0AC16-0GF0**		100	10 units	41J
	Droite		--	B	**3SU1900-0AC16-0GG0**		100	10 units	41J
	Gauche		--	B	**3SU1900-0AC16-0GH0**		100	10 units	41J
	Ouvert		--	B	**3SU1900-0AC16-0GJ0**		100	10 units	41J
	Fermé		--	B	**3SU1900-0AC16-0GK0**		100	10 units	41J
	Rapide		--	B	**3SU1900-0AC16-0GL0**		100	10 units	41J
	En Service		--	B	**3SU1900-0AC16-0GM0**		100	10 units	41J
	Defaut		--	B	**3SU1900-0AC16-0GN0**		100	10 units	41J
	Reglage		--	B	**3SU1900-0AC16-0GP0**		100	10 units	41J
	Arrêt d'urgence		--	B	**3SU1900-0AC16-0GQ0**		100	10 units	41J
	Hors Service		--	B	**3SU1900-0AC16-0GR0**		100	10 units	41J
	Sous tension		--	B	**3SU1900-0AC16-0GS0**		100	10 units	41J
	Manu Auto		--	B	**3SU1900-0AC16-0GT0**		100	10 units	41J
	Marche Arrêt		--	B	**3SU1900-0AC16-0GU0**		100	10 units	41J
	Rearmement		--	B	**3SU1900-0AC16-0GV0**		100	10 units	41J
With symbol									
Black/White (label/lettering)	O		--	B	**3SU1900-0AC16-0QA0**		100	10 units	41J
	I		--	B	**3SU1900-0AC16-0QB0**		100	10 units	41J
	O I		--	B	**3SU1900-0AC16-0QG0**		100	10 units	41J
	1 2		--	B	**3SU1900-0AC16-0QJ0**		100	10 units	41J
	↖	ARROW DIRECTION UP	--	B	**3SU1900-0AC16-0QS0**		100	10 units	41J

3SU1900-0AC16-0GA0

3SU1900-0AC16-0QG0

SIRIUS ACT Pushbuttons and Indicator Lights
Accessories
Labels

Labeling plates

Color	Marking	Symbol No.	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Labeling plates 12.5 mm x 27 mm								
For self-inscription								
Silver/Black (label/lettering)	None		A	3SU1900-0AC81-0AA0		100	10 units	41J
Inscription in German								
Silver/Black (label/lettering)	Ein	--	B	3SU1900-0AC81-0AB0		100	10 units	41J
	Aus	--	B	3SU1900-0AC81-0AC0		100	10 units	41J
	Auf	--	B	3SU1900-0AC81-0AD0		100	10 units	41J
	Ab	--	B	3SU1900-0AC81-0AE0		100	10 units	41J
	Vor	--	B	3SU1900-0AC81-0AF0		100	10 units	41J
	Zurück	--	B	3SU1900-0AC81-0AG0		100	10 units	41J
	Rechts	--	B	3SU1900-0AC81-0AH0		100	10 units	41J
	Links	--	B	3SU1900-0AC81-0AJ0		100	10 units	41J
	Halt	--	B	3SU1900-0AC81-0AK0		100	10 units	41J
	Zu	--	B	3SU1900-0AC81-0AL0		100	10 units	41J
	Schnell	--	B	3SU1900-0AC81-0AM0		100	10 units	41J
	Langsam	--	B	3SU1900-0AC81-0AN0		100	10 units	41J
	Betrieb	--	B	3SU1900-0AC81-0AP0		100	10 units	41J
	Störung	--	B	3SU1900-0AC81-0AQ0		100	10 units	41J
	Einrichten	--	B	3SU1900-0AC81-0AR0		100	10 units	41J
	Hand Auto	--	B	3SU1900-0AC81-0DB0		100	10 units	41J
	Stop Start	--	B	3SU1900-0AC81-0DC0		100	10 units	41J
	Hand O Auto	--	B	3SU1900-0AC81-0DD0		100	10 units	41J
Inscription in English								
Silver/Black (label/lettering)	On	--	B	3SU1900-0AC81-0DJ0		100	10 units	41J
	Off	--	B	3SU1900-0AC81-0DK0		100	10 units	41J
	Up	--	B	3SU1900-0AC81-0DL0		100	10 units	41J
	Down	--	B	3SU1900-0AC81-0DM0		100	10 units	41J
	Stop	--	B	3SU1900-0AC81-0DS0		100	10 units	41J
	Start	--	B	3SU1900-0AC81-0DT0		100	10 units	41J
	Reset	--	B	3SU1900-0AC81-0DU0		100	10 units	41J
	Test	--	B	3SU1900-0AC81-0DV0		100	10 units	41J
	Open	--	B	3SU1900-0AC81-0DW0		100	10 units	41J
	Close	--	B	3SU1900-0AC81-0DX0		100	10 units	41J
	Man O Auto	--	B	3SU1900-0AC81-0DY0		100	10 units	41J
	Man Auto	--	B	3SU1900-0AC81-0EA0		100	10 units	41J
	Running	--	B	3SU1900-0AC81-0EB0		100	10 units	41J
	Fault	--	B	3SU1900-0AC81-0EC0		100	10 units	41J
	Fast	--	B	3SU1900-0AC81-0EE0		100	10 units	41J
	Slow	--	B	3SU1900-0AC81-0EF0		100	10 units	41J
With symbol								
Silver/Black (label/lettering)	O	5008 IEC	B	3SU1900-0AC81-0QA0		100	10 units	41J
	I	5007 IEC	B	3SU1900-0AC81-0QB0		100	10 units	41J
	II	--	B	3SU1900-0AC81-0QC0		100	10 units	41J
	III	--	B	3SU1900-0AC81-0QD0		100	10 units	41J
	O I	--	B	3SU1900-0AC81-0QG0		100	10 units	41J
	I O II	--	B	3SU1900-0AC81-0QK0		100	10 units	41J
	1 O 2	--	B	3SU1900-0AC81-0QL0		100	10 units	41J
	ARROW DIRECTION TO RIGHT	5022 IEC	B	3SU1900-0AC81-0QR0		100	10 units	41J
	ARROW DIRECTION UP	--	B	3SU1900-0AC81-0QS0		100	10 units	41J
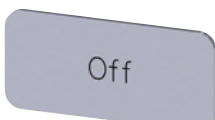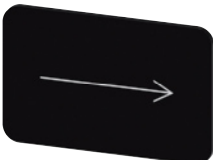
3SU1900-0AC81-0AA0

3SU1900-0AC81-0AB0

3SU1900-0AC81-0DK0

3SU1900-0AC81-0QK0

13

SIRIUS ACT Pushbuttons and Indicator Lights
Accessories
Labels

Labeling plates

Color	Marking	Symbol No.	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Labeling plates 17.5 mm x 27 mm								
For self-inscription								
Black/White (label/lettering)	None	--	A	**3SU1900-0AD16-0AA0**		100	10 units	41J
Inscription in German								
Black/White (label/lettering)	Ein	--	B	**3SU1900-0AD16-0AB0**		100	10 units	41J
	Aus	--	B	**3SU1900-0AD16-0AC0**		100	10 units	41J
	Auf	--	B	**3SU1900-0AD16-0AD0**		100	10 units	41J
	Ab	--	B	**3SU1900-0AD16-0AE0**		100	10 units	41J
	Vor	--	B	**3SU1900-0AD16-0AF0**		100	10 units	41J
	Zurück	--	B	**3SU1900-0AD16-0AG0**		100	10 units	41J
	Halt	--	B	**3SU1900-0AD16-0AK0**		100	10 units	41J
	Zu	--	B	**3SU1900-0AD16-0AL0**		100	10 units	41J
	Betrieb	--	B	**3SU1900-0AD16-0AP0**		100	10 units	41J
	Störung	--	B	**3SU1900-0AD16-0AQ0**		100	10 units	41J
	Hand Auto	--	B	**3SU1900-0AD16-0DB0**		100	10 units	41J
Inscription in English								
Black/White (label/lettering)	Stop Start	--	B	**3SU1900-0AD16-0DC0**		100	10 units	41J
	On	--	B	**3SU1900-0AD16-0DJ0**		100	10 units	41J
	Off	--	B	**3SU1900-0AD16-0DK0**		100	10 units	41J
	Up	--	B	**3SU1900-0AD16-0DL0**		100	10 units	41J
	Down	--	B	**3SU1900-0AD16-0DM0**		100	10 units	41J
	Forward	--	B	**3SU1900-0AD16-0DN0**		100	10 units	41J
	Reverse	--	B	**3SU1900-0AD16-0DP0**		100	10 units	41J
	Right	--	B	**3SU1900-0AD16-0DQ0**		100	10 units	41J
	Stop	--	B	**3SU1900-0AD16-0DS0**		100	10 units	41J
	Start	--	B	**3SU1900-0AD16-0DT0**		100	10 units	41J
	Open	--	B	**3SU1900-0AD16-0DW0**		100	10 units	41J
	Close	--	B	**3SU1900-0AD16-0DX0**		100	10 units	41J
	Man Auto	--	B	**3SU1900-0AD16-0EA0**		100	10 units	41J
	Running	--	B	**3SU1900-0AD16-0EB0**		100	10 units	41J
	Fault	--	B	**3SU1900-0AD16-0EC0**		100	10 units	41J
Inscription in French								
Black/White (label/lettering)	Marche	--	B	**3SU1900-0AD16-0GA0**		100	10 units	41J
	Arrêt	--	B	**3SU1900-0AD16-0GB0**		100	10 units	41J
	Droite	--	B	**3SU1900-0AD16-0GG0**		100	10 units	41J
	Gauche	--	B	**3SU1900-0AD16-0GH0**		100	10 units	41J
	En Service	--	B	**3SU1900-0AD16-0GM0**		100	10 units	41J
	Defaut	--	B	**3SU1900-0AD16-0GN0**		100	10 units	41J
	Sous tension	--	B	**3SU1900-0AD16-0GS0**		100	10 units	41J
	Manu Auto	--	B	**3SU1900-0AD16-0GT0**		100	10 units	41J
	Marche Arrêt	--	B	**3SU1900-0AD16-0GU0**		100	10 units	41J
	Rearmement	--	B	**3SU1900-0AD16-0GV0**		100	10 units	41J
With symbol								
Black/White (label/lettering)	O	5008 IEC	B	**3SU1900-0AD16-0QA0**		100	10 units	41J
	I	5007 IEC	B	**3SU1900-0AD16-0QB0**		100	10 units	41J
	O I	--	B	**3SU1900-0AD16-0QG0**		100	10 units	41J
	→ ARROW DIRECTION TO RIGHT	5022 IEC	B	**3SU1900-0AD16-0QR0**		100	10 units	41J
	↖ ARROW DIRECTION UP	--	B	**3SU1900-0AD16-0QS0**		100	10 units	41J

3SU1900-0AD16-0AA0

3SU1900-0AD16-0AC0

3SU1900-0AD16-0DK0

3SU1900-0AD16-0QR0

SIRIUS ACT Pushbuttons and Indicator Lights
Accessories
Labels
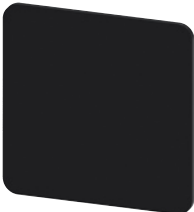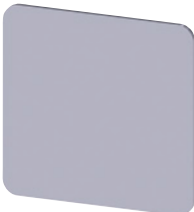
Labeling plates

Color	Marking		Symbol No.	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Labeling plates 17.5 mm x 27 mm									
For self-inscription									
Silver/Black (label/lettering)	None		--	A	**3SU1900-0AD81-0AA0**		100	10 units	41J
3SU1900-0AD81-0AA0									
Inscription in German									
Silver/Black (label/lettering)	Ein		--	B	**3SU1900-0AD81-0AB0**		100	10 units	41J
	Aus		--	B	**3SU1900-0AD81-0AC0**		100	10 units	41J
	Auf		--	B	**3SU1900-0AD81-0AD0**		100	10 units	41J
	Ab		--	B	**3SU1900-0AD81-0AE0**		100	10 units	41J
	Vor		--	B	**3SU1900-0AD81-0AF0**		100	10 units	41J
	Zurück		--	B	**3SU1900-0AD81-0AG0**		100	10 units	41J
	Rechts		--	B	**3SU1900-0AD81-0AH0**		100	10 units	41J
	Halt		--	B	**3SU1900-0AD81-0AK0**		100	10 units	41J
3SU1900-0AD81-0AP0	Zu		--	B	**3SU1900-0AD81-0AL0**		100	10 units	41J
	Betrieb		--	B	**3SU1900-0AD81-0AP0**		100	10 units	41J
	Störung		--	B	**3SU1900-0AD81-0AQ0**		100	10 units	41J
	Hand Auto		--	B	**3SU1900-0AD81-0DB0**		100	10 units	41J
	Hand O Auto		--	B	**3SU1900-0AD81-0DD0**		100	10 units	41J
Inscription in English									
Silver/Black (label/lettering)	On		--	B	**3SU1900-0AD81-0DJ0**		100	10 units	41J
	Off		--	B	**3SU1900-0AD81-0DK0**		100	10 units	41J
	Stop		--	B	**3SU1900-0AD81-0DS0**		100	10 units	41J
	Start		--	B	**3SU1900-0AD81-0DT0**		100	10 units	41J
	Reset		--	B	**3SU1900-0AD81-0DU0**		100	10 units	41J
	Man O Auto		--	B	**3SU1900-0AD81-0DY0**		100	10 units	41J
3SU1900-0AD81-0EC0	Fault		--	B	**3SU1900-0AD81-0EC0**		100	10 units	41J
With symbol									
Silver/Black (label/lettering)	O		5008 IEC	B	**3SU1900-0AD81-0QA0**		100	10 units	41J
	I		5007 IEC	B	**3SU1900-0AD81-0QB0**		100	10 units	41J
	O I		--	B	**3SU1900-0AD81-0QG0**		100	10 units	41J
	I O II		--	B	**3SU1900-0AD81-0QK0**		100	10 units	41J
	1 O 2		--	B	**3SU1900-0AD81-0QL0**		100	10 units	41J
	→	ARROW DIRECTION TO RIGHT	5022 IEC	B	**3SU1900-0AD81-0QR0**		100	10 units	41J
3SU1900-0AD81-0QG0	↖	ARROW DIRECTION UP	--	B	**3SU1900-0AD81-0QS0**		100	10 units	41J

13

SIRIUS ACT Pushbuttons and Indicator Lights
Accessories
Labels

Labeling plates

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

3SU1900-0AE16-0AA0

3SU1900-0AE81-0AA0

3SU1900-0AE16-0AD0

Auf

3SU1900-0AE16-0DK0

Off

3SU1900-0AE16-0GB0

Arrêt

■ Options

Customized inscriptions

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

The following letter heights are used as standard for text inscriptions:

- Label size 12.5 mm × 27 mm: 3 lines with letter height 4 mm (1-line), 3.5 mm (2-line) or 2.5 mm (3-line)
- Label size 17.5 mm × 27 mm: 3 lines with letter height 4 mm (1- to 2-line) or 3 mm (3-line)
- Label size 27 mm × 27 mm: 5 lines with letter height 4 mm (1- to 5-line)

Up to 11 characters per line are possible. The typeface used is Arial. Other letter heights and typefaces are possible, but must be specified when ordering.

Examples for customized inscription

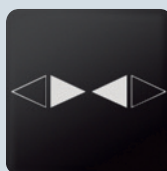Two-line inscription in upper/lower case lettering (Q0Y)

Single-line inscription in upper case lettering (Q1Y)

Three-line inscription in lower case letters (Q2Y)

Symbol number 5011 according to IEC 60417 (Q3Y)

Any symbol according to order form supplement (Q9Y)

Ordering notes

Append the following order codes to the Article No.:

- Text line(s) in upper/lower case, upper case always for beginning of line (e.g. "Lift / Off"): **Q0Y**
- Text line(s) in upper case (e.g. "LIFT"): **Q1Y**
- Text line(s) in lower case (e.g. "lift / off / lower"): **Q2Y**
- Text line(s) in upper/lower case, all words begin with upper case letters (e.g. "On   Off"): **Q5Y**
- Symbol with number according to ISO 7000 or IEC 60417: **Q3Y**
- Any inscription or symbol according to order form supplement: **Q9Y**

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

In the case of multi-line inscriptions, the text must be assigned to the respective line, e.g. "Z1 = Lift, Z2 =Lower".
For long words you can also specify the end-of-line division; see ordering example 1

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

For special symbols (order code Q9Y), a CAD drawing in BMP, GIF, JEPG, PDF, PNG or TIFF format must be submitted. For special inscriptions (order code Q9Y): document in DOC or XLS format.

The SIRIUS ACT Configurator must be used to select special inscriptions and symbols (order code Q9Y). 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 (Mall shopping cart) or via the standard order channels.

Standard ordering channels:
- Configurator: www.siemens.com/sirius-act/configurator
- Electronic Catalog CA 01 on DVD
- Industry Mall: www.siemens.com/industrymall

Ordering example 1

A label with 2 lines of text is required:

3SU1900–0AC16-0AZ0
Q1Y
Z1 = LIFT
Z2 = LOWER

Ordering example 2

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

3SU1900–0AC16-0AZ0
Q3Y
Z = 5011 IEC

Ordering example 3

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

3SU1900–0AC16-0AZ0
Q3Y
Z = 1118 ISO

13

SIRIUS ACT Pushbuttons and Indicator Lights
Accessories
Labels

Labeling plates for enclosures

■ Overview

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

Inscription

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

For customized inscription,

■ Selection and ordering data

Color	Marking	Symbol No.	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Labeling plates 22 mm x 22 mm								
For self-inscription								
Black/White (label/lettering)	None	--	A	**3SU1900-0AF16-0AA0**	100	10 units		41J
Inscription in German								
Black/White (label/lettering)	Ein	--	B	**3SU1900-0AF16-0AB0**	1	10 units		41J
	Aus	--	B	**3SU1900-0AF16-0AC0**	1	10 units		41J
	Auf	--	B	**3SU1900-0AF16-0AD0**	1	10 units		41J
	Ab	--	B	**3SU1900-0AF16-0AE0**	1	10 units		41J
	Vor	--	B	**3SU1900-0AF16-0AF0**	1	10 units		41J
	Zurück	--	B	**3SU1900-0AF16-0AG0**	1	10 units		41J
	Rechts	--	B	**3SU1900-0AF16-0AH0**	1	10 units		41J
	Links	--	B	**3SU1900-0AF16-0AJ0**	1	10 units		41J
	Halt	--	B	**3SU1900-0AF16-0AK0**	1	10 units		41J
	Zu	--	B	**3SU1900-0AF16-0AL0**	1	10 units		41J
	Schnell	--	B	**3SU1900-0AF16-0AM0**	1	10 units		41J
	Langsam	--	B	**3SU1900-0AF16-0AN0**	1	10 units		41J
	Betrieb	--	B	**3SU1900-0AF16-0AP0**	1	10 units		41J
	Störung	--	B	**3SU1900-0AF16-0AQ0**	1	10 units		41J
	Einrichten	--	B	**3SU1900-0AF16-0AR0**	1	10 units		41J
	NOT-AUS	--	B	**3SU1900-0AF16-0AS0**	1	10 units		41J
Inscription in English								
Black/White (label/lettering)	On	--	B	**3SU1900-0AF16-0DJ0**	1	10 units		41J
	Off	--	B	**3SU1900-0AF16-0DK0**	1	10 units		41J
	Up	--	B	**3SU1900-0AF16-0DL0**	1	10 units		41J
	Down	--	B	**3SU1900-0AF16-0DM0**	1	10 units		41J
	Forward	--	B	**3SU1900-0AF16-0DN0**	1	10 units		41J
	Right	--	B	**3SU1900-0AF16-0DQ0**	1	10 units		41J
	Left	--	B	**3SU1900-0AF16-0DR0**	1	10 units		41J
	Stop	--	B	**3SU1900-0AF16-0DS0**	1	10 units		41J
	Start	--	B	**3SU1900-0AF16-0DT0**	1	10 units		41J
	Reset	--	B	**3SU1900-0AF16-0DU0**	1	10 units		41J
	Test	--	B	**3SU1900-0AF16-0DV0**	1	10 units		41J
	Open	--	B	**3SU1900-0AF16-0DW0**	1	10 units		41J
	Close	--	B	**3SU1900-0AF16-0DX0**	1	10 units		41J
	Running	--	B	**3SU1900-0AF16-0EB0**	1	10 units		41J
	Fault	--	B	**3SU1900-0AF16-0EC0**	1	10 units		41J
	Fast	--	B	**3SU1900-0AF16-0EE0**	1	10 units		41J
	Slow	--	B	**3SU1900-0AF16-0EF0**	1	10 units		41J
	EMERGENCY STOP	--	B	**3SU1900-0AF16-0DA0**	1	10 units		41J

3SU1900-0AF16-0AA0

3SU1900-0AF16-0AB0

3SU1900-0AF16-0AP0

3SU1900-0AF16-0DM0

3SU1900-0AF16-0EC0

SIRIUS ACT Pushbuttons and Indicator Lights
Accessories
Labels

Labeling plates for enclosures

Color	Marking	Symbol No.	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Labeling plates 22 mm x 22 mm								
Inscription in French								
Black/White (label/lettering)	Marche	--	B	**3SU1900-0AF16-0GA0**		1	10 units	41J
	Arrêt	--	B	**3SU1900-0AF16-0GB0**		1	10 units	41J
	Montée	--	B	**3SU1900-0AF16-0GC0**		1	10 units	41J
	Descente	--	B	**3SU1900-0AF16-0GD0**		1	10 units	41J
	Retour	--	B	**3SU1900-0AF16-0GF0**		1	10 units	41J
	Droite	--	B	**3SU1900-0AF16-0GG0**		1	10 units	41J
	Gauche	--	B	**3SU1900-0AF16-0GH0**		1	10 units	41J
	Ouvert	--	B	**3SU1900-0AF16-0GJ0**		1	10 units	41J
	Fermé	--	B	**3SU1900-0AF16-0GK0**		1	10 units	41J
	Rapide	--	B	**3SU1900-0AF16-0GL0**		1	10 units	41J
	En Service	--	B	**3SU1900-0AF16-0GM0**		1	10 units	41J
	Defaut	--	B	**3SU1900-0AF16-0GN0**		1	10 units	41J
	Sous tension	--	B	**3SU1900-0AF16-0GS0**		1	10 units	41J
	Manu Auto	--	B	**3SU1900-0AF16-0GT0**		1	10 units	41J
	Marche Arrêt	--	B	**3SU1900-0AF16-0GU0**		1	10 units	41J
	Rearmement	--	B	**3SU1900-0AF16-0GV0**		1	10 units	41J
	Lent	--	B	**3SU1900-0AF16-0GW0**		1	10 units	41J
	D'Urgent	--	B	**3SU1900-0AF16-0GX0**		1	10 units	41J
With symbol (ON/OFF)								
Black/White (label/lettering)	O	5008 IEC	B	**3SU1900-0AF16-0QA0**		1	10 units	41J
	I	5007 IEC	B	**3SU1900-0AF16-0QB0**		1	10 units	41J
	II	--	B	**3SU1900-0AF16-0QC0**		1	10 units	41J
	III	--	B	**3SU1900-0AF16-0QD0**		1	10 units	41J
	O I	--	B	**3SU1900-0AF16-0QG0**		1	10 units	41J
	I O II	--	B	**3SU1900-0AF16-0QK0**		1	10 units	41J
	I O (one below the other)	--	B	**3SU1900-0AF16-0QP0**		1	10 units	41J
	II O I (one below the other)	--	B	**3SU1900-0AF16-0QQ0**		1	10 units	41J
With symbol (graphic)								
Black/White (label/lettering)	→ ARROW DIRECTION TO RIGHT	5022 IEC	B	**3SU1900-0AF16-0QR0**		1	10 units	41J
	PUMP	0134 ISO	B	**3SU1900-0AF16-0RD0**		1	10 units	41J
	FAN	--	B	**3SU1900-0AF16-0RV0**		1	10 units	41J
	COOLING	--	B	**3SU1900-0AF16-0RW0**		1	10 units	41J
	ILLUMINATION	--	B	**3SU1900-0AF16-0RX0**		1	10 units	41J
	MOTOR	--	B	**3SU1900-0AF16-0RY0**		1	10 units	41J

3SU1900-0AF16-0GA0

3SU1900-0AF16-0GB0

3SU1900-0AF16-0QQ0

3SU1900-0AF16-0RW0

13

SIRIUS ACT Pushbuttons and Indicator Lights
Accessories
Labels

Labeling plates for enclosures

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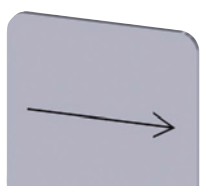
■ **Options**

Customized inscriptions

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

A letter height of 4 mm is used for text inscriptions (1 to 3 lines).

Up to 11 characters per line are possible. The typeface used is Arial. Other letter heights and typefaces are possible, but must be specified when ordering.

Examples for customized inscription
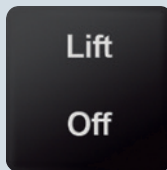
Two-line inscription in upper/lower case lettering (Q0Y)

Single-line inscription in upper case lettering (Q1Y)
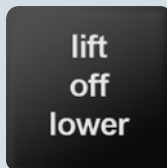
3SB39 backing plate for enclosures, customized inscription (Q2Y)

Symbol number 5011 according to IEC 60417 (Q3Y)

Any symbol according to order form supplement (Q9Y)

Ordering notes

Append the following order codes to the Article No.:
- Text line(s) in upper/lower case, upper case always for beginning of line (e.g. "Lift / Off"): **Q0Y**
- Text line(s) in upper case (e.g. "LIFT"): **Q1Y**
- Text line(s) in lower case (e.g. "lift / off / lower"): **Q2Y**
- Text line(s) in upper/lower case, all words begin with upper case letters (e.g. "On   Off"): **Q5Y**
- Symbol with number according to ISO 7000 or IEC 60417: **Q3Y**
- Any inscription or symbol according to order form supplement: **Q9Y**

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

In the case of multi-line inscriptions, the text must be assigned to the respective line, e.g. "Z1 = Lift, Z2 =Lower". For long words you can also specify the end-of-line division (see ordering example 1).

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

For special symbols (order code Q9Y), a CAD drawing in DXF format can be submitted.

The SIRIUS ACT Configurator must be used to select special inscriptions and symbols (order code Q9Y). 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 (Mall shopping cart) or via the standard order channels.

Standard ordering channels:
- Configurator: www.siemens.com/sirius-act/configurator
- Electronic Catalog CA 01 on DVD
- Industry Mall: www.siemens.com/industrymall

Ordering example 1

A label with 2 lines of text is required:

3SU1900–0AF16-0AZ0
Q1Y
Z1 = LIFT
Z2 = LOWER

Ordering example 2

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

3SU1900–0AF16–0AZ0
Q3Y
Z = 5011 IEC

Ordering example 3

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

3SU1900–0AF16–0AZ0
Q3Y
Z = 1118 ISO

13

SIRIUS ACT Pushbuttons and Indicator Lights
Accessories
Labels

Labels for laser printers

■ Overview

Label inscriptions

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

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

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

For the *Label Designer* software see:
www.siemens.com/sirius-label-designer

■ Selection and ordering data

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

■ Selection and ordering data

	Color	Fastening method	Outer diameter mm	Marking	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
EMERGENCY STOP backing plates										
	Yellow/Black (label/lettering)	None	45	None	A	**3SU1900-0BA31-0AA0**		1	10 units	41J
			75	None	A	**3SU1900-0BB31-0AA0**		1	10 units	41J
				NOT-AUS	B	**3SU1900-0BB31-0AS0**		1	10 units	41J
				NOT-HALT	B	**3SU1900-0BB31-0AT0**		1	10 units	41J

3SU1900-0BB31-0AT0

	Color	Fastening method	Outer diameter mm	Marking	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
EMERGENCY STOP backing plates										
	Yellow/Black (label/lettering)	Self-adhesive	75	None	A	**3SU1900-0BC31-0AA0**		1	10 units	41J
				NOT-AUS	B	**3SU1900-0BC31-0AS0**		1	10 units	41J
				NOT-HALT	A	**3SU1900-0BC31-0AT0**		1	10 units	41J
				EMERGENCY STOP	A	**3SU1900-0BC31-0DA0**		1	10 units	41J
				Arrêt d'urgence	B	**3SU1900-0BC31-0GQ0**		1	10 units	41J
				EMERGENZA	B	**3SU1900-0BC31-0JA0**		1	10 units	41J
				NODSTOP	B	**3SU1900-0BC31-0LA0**		1	10 units	41J
				((EMERGENCY STOP in Chinese))	B	**3SU1900-0BC31-0MA0**		1	10 units	41J
				NOT-HALT, EMERGENCY STOP, EMERGENZA, EMERGENCIA (de, en, it, sp)	A	**3SU1900-0BC31-0NB0**		1	10 units	41J

3SU1900-0BC31-0AT0

3SU1900-0BC31-0NB0

	Color	Fastening method	Outer diameter mm	Marking	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Labeling plates for potentiometers										
	Black/White (label/lettering)	None	40	--	A	**3SU1900-0BG16-0AA0**		1	10 units	41J
				SYMBOL: 0 ... 9	B	**3SU1900-0BG16-0RT0**		1	10 units	41J
				SYMBOL: Power up	B	**3SU1900-0BG16-0RU0**		1	10 units	41J

3SU1900-0BG16-0RU0

	Color	Label fastening method	Height mm	Width mm	Marking	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Labeling plates for enclosures with EMERGENCY STOP											
	Yellow/Black (label/lettering)	Self-adhesive	38	150	None	A	**3SU1900-0BE31-0AA0**		1	10 units	41J
					NOT-AUS	B	**3SU1900-0BE31-0AS0**		1	10 units	41J

3SU1900-0BE31-0AS0

	Color	Label fastening method	Height mm	Width mm	Marking	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Labeling plates for enclosures with EMERGENCY STOP with recess											
	Yellow/Black (label/lettering)	Self-adhesive	38	150	None	B	**3SU1900-0BF31-0AA0**		1	10 units	41J

3SU1900-0BF31-0AA0

	Color	Label fastening method	Height mm	Width mm	Marking	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Unit labeling plates											
	White/Black (label/lettering)	Insert	9.5	10.5	None	B	**3SU1900-0AY61-0AA0**		100	10 units	41J

13

SIRIUS ACT Pushbuttons and Indicator Lights
Accessories

Protection/access protection

■ **Selection and ordering data**

	Product version	Material	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Protective caps									
3SU1900-0DA10-0AA0	**Sealable caps**	Plastic	Black Clear	B B	**3SU1900-0DA10-0AA0** **3SU1900-0DA70-0AA0**		1 1	1 unit 1 unit	41J 41J
3SU1900-0EL70-0AA0	**Sealable caps for pushbuttons**	Plastic	Black Clear	B B	**3SU1900-0EL10-0AA0** **3SU1900-0EL70-0AA0**		1 1	1 unit 1 unit	41J 41J
3SU1900-0DB70-0AA0	**Silicone protective caps for pushbuttons, flat**	Plastic	Clear	A	**3SU1900-0DB70-0AA0**		1	1 unit	41J
	Silicone-free protective caps for pushbuttons, flat	Plastic	Clear	A	**3SU1900-0ED70-0AA0**		1	1 unit	41J
3SU1900-0DC70-0AA0	**Silicone protective caps for pushbuttons, raised**	Plastic	Clear	A	**3SU1900-0DC70-0AA0**		1	1 unit	41J
	Silicone-free protective caps for pushbuttons, raised	Plastic	Clear	A	**3SU1900-0EE70-0AA0**		1	1 unit	41J
3SU1900-0DD70-0AA0	**Silicone protective caps for selectors, short**	Plastic	Clear	B	**3SU1900-0DD70-0AA0**		1	1 unit	41J
	Silicone-free protective caps for selectors, short	Plastic	Clear	B	**3SU1900-0EF70-0AA0**		1	1 unit	41J
3SU1900-0DE70-0AA0	**Silicone protective caps for mushroom pushbuttons 40 mm**	Plastic	Clear	B	**3SU1900-0DE70-0AA0**		1	1 unit	41J
	Silicone-free protective caps for mushroom pushbuttons 40 mm	Plastic	Clear	B	**3SU1900-0EG70-0AA0**		1	1 unit	41J
	Silicone protective caps for EMERGENCY STOP	Plastic	Clear	B	**3SU1900-0DF70-0AA0**		1	1 unit	41J
	Silicone-free protective caps for EMERGENCY STOP	Plastic	Clear	B	**3SU1900-0EH70-0AA0**		1	1 unit	41J

SIRIUS ACT Pushbuttons and Indicator Lights
Accessories

Protection/access protection

	Product version	Material	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Protective caps									
	Silicone protective caps for twin pushbuttons, flat	Plastic	Clear	A	**3SU1900-0DG70-0AA0**		1	1 unit	41J
	Silicone protective caps for twin pushbuttons, raised	Plastic	Clear	B	**3SU1900-0DH70-0AA0**		1	1 unit	41J
	Silicone-free protective caps for twin pushbuttons, raised	Plastic	Clear	B	**3SU1900-0EK70-0AA0**		1	1 unit	41J
3SU1900-0DG70-0AA0	**Dust caps for key-operated switches**	Plastic	Black	B	**3SU1900-0EB10-0AA0**		1	1 unit	41J
3SU1900-0EB10-0AA0									
Protective collars									
	Sun collars	Plastic	Black	B	**3SU1900-0DJ10-0AA0**		1	1 unit	41J
3SU1900-0DJ10-0AA0									
	360° protective collars for pushbuttons and selectors, short	Plastic	Black	B	**3SU1900-0DW10-0AA0**		1	1 unit	41J
3SU1900-0DW10-0AA0									

13

SIRIUS ACT Pushbuttons and Indicator Lights
Accessories

Protection/access protection

	Product version	Material	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Protective collars									
3SU1950-0DK80-0AA0	**360° protective collars for pushbuttons, visibility from the side**	Metal	Silver	B	**3SU1950-0DK80-0AA0**		1	1 unit	41J
3SU1950-0DL80-0AA0	**360° protective collars for mushroom pushbuttons 40 mm, visibility from the side**	Metal	Silver	B	**3SU1950-0DL80-0AA0**		1	1 unit	41J
3SU1900-0DY30-0AA0	**Protective collars for EMERGENCY STOP**	Plastic	Yellow Silver	A B	**3SU1900-0DY30-0AA0** **3SU1900-0DY80-0AA0**		1 1	1 unit 1 unit	41J 41J
3SU1950-0DX30-0AA0	**Protective collars for padlocks**	Metal	Yellow Silver	B B	**3SU1950-0DX30-0AA0** **3SU1950-0DX80-0AA0**		1 1	1 unit 1 unit	41J 41J
	360° protective collars for EMERGENCY STOP, SEMI-Industry	Plastic	Yellow	B	**3SU1900-0EA30-0AA0**		1	1 unit	41J
3SU1900-0EC10-0AA0	**Protection for sensor switch**	Plastic	Black	B	**3SU1900-0EC10-0AA0**		1	1 unit	41J

SIRIUS ACT Pushbuttons and Indicator Lights
Accessories

Protection/access protection

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

13

SIRIUS ACT Pushbuttons and Indicator Lights
Accessories

Actuators

■ **Selection and ordering data**

	Material	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Sealing plugs[1]								
3SU1900-0FA10-0AA0	Plastic	Black	A	**3SU1900-0FA10-0AA0**		1	1 unit	41J
3SU1950-0FA80-0AA0	Metal, matte	Sand gray	A	**3SU1930-0FA80-0AA0**		1	1 unit	41J
	Metal, shiny	Silver	A	**3SU1950-0FA80-0AA0**		1	1 unit	41J

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

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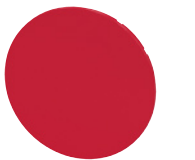
SIRIUS ACT Pushbuttons and Indicator Lights
Accessories

Actuators

	Material	Key number	RFID coding version	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Ronis keys										
3SSU1950-0FB80-0AA0	Metal	SB30	--	Silver	A	3SU1950-0FB80-0AA0		1	1 unit	41J
		455			B	3SU1950-0FC80-0AA0		1	1 unit	41J
BKS keys										
3SSU1950-0FD80-0AA0	Metal	S1	--	Silver	B	3SU1950-0FD80-0AA0		1	1 unit	41J
OMR keys										
3SSU1950-0FJ50-0AA0	Metal	73038	--	Blue	B	3SU1950-0FJ50-0AA0		1	1 unit	41J
		73037		Red	B	3SU1950-0FK20-0AA0		1	1 unit	41J
		73034		Black	B	3SU1950-0FL10-0AA0		1	1 unit	41J
		73033		Yellow	B	3SU1950-0FM30-0AA0		1	1 unit	41J
CES keys										
3SSU1950-0FP80-0AA0	Metal	LSG1	--	Silver	B	3SU1950-0FN80-0AA0		1	1 unit	41J
		SSG10			A	3SU1950-0FP80-0AA0		1	1 unit	41J
		VL5			B	3SU1950-0FQ80-0AA0		1	1 unit	41J
IKON keys										
3SU1950-0FR80-0AA0	Metal	360012K1	--	Silver	B	3SU1950-0FR80-0AA0		1	1 unit	41J
ID keys ID group individual										
3SU1900-0FU60-0AA0	Plastic	--	Individually coded, programmable several times	White	X	3SU1900-0FU60-0AA0		1	1 unit	41J
ID keys										
3SU1900-0FV40-0AA0	Plastic	--	ID group 1	Green	X	3SU1900-0FV40-0AA0		1	1 unit	41J
			ID group 2	Yellow	X	3SU1900-0FW30-0AA0		1	1 unit	41J
			ID group 3	Red	X	3SU1900-0FX20-0AA0		1	1 unit	41J
			ID group 4	Blue	X	3SU1900-0FY50-0AA0		1	1 unit	41J

13

SIRIUS ACT Pushbuttons and Indicator Lights
Accessories

Enclosures

■ **Selection and ordering data**

	Product version	Material	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Cable glands									
	Metric M20 cable glands for enclosures	Plastic	Black	A	**3SU1900-0HG10-0AA0**		1	1 unit	41J
	Metric M25 cable glands for enclosures			B	**3SU1900-0HH10-0AA0**		1	1 unit	41J
3SU1900-0HG10-0AA0	**For explosion protection (ATEX)**								
	Ex category II 2D Ex tb IIIC T120 °C Db								
	Metric M20 cable glands for enclosures	Plastic	Black	B	**3SU1900-0HG10-0AA1**		1	1 unit	41J
	Metric M25 cable glands for enclosures			B	**3SU1900-0HH10-0AA1**		1	1 unit	41J
3SU1900-0HG10-0AA1									
Connection pieces									
	For plastic enclosures								
	M20/M20 connection pieces for connecting 2 enclosures	Plastic	Black	B	**3SU1900-0HJ10-0AA0**		1	1 unit	41J
	M20/M25 connection pieces for connecting 2 enclosures			B	**3SU1900-0HK10-0AA0**		1	1 unit	41J
	M25/M25 connection pieces for connecting 2 enclosures			B	**3SU1900-0HL10-0AA0**		1	1 unit	41J
3SU1900-0HJ10-0AA0	**For metal enclosures**								
	M20/M20 connection pieces for connecting 2 enclosures	Metal	Silver	B	**3SU1950-0HJ10-0AA0**		1	1 unit	41J
	M20/M25 connection pieces for connecting 2 enclosures			B	**3SU1950-0HK10-0AA0**		1	1 unit	41J
	M25/M25 connection pieces for connecting 2 enclosures			B	**3SU1950-0HL10-0AA0**		1	1 unit	41J
3SU1950-0HJ10-0AA0									

SIRIUS ACT Pushbuttons and Indicator Lights
Accessories

Enclosures

Product version	Material	Color	DT	Insulation piercing method		PU (UNIT, SET, M)	PS*	PG
				Article No.	Price per PU			
Adapters for AS-i shaped cables								
Insulation piercing method M20	Plastic	Black	B	**3SU1900-0HX10-0AA0**		1	1 unit	41J
M25			B	**3SU1900-0HY10-0AA0**		1	1 unit	41J
3SU1900-0HX10-0AA0								
Adapters for AS-i tab connection								
For plastic enclosures								
M12 sockets, 4-pole								
M20	Plastic	Black	B	**3SU1930-0HA10-0AA0**		1	1 unit	41J
M25			B	**3SU1930-0HB10-0AA0**		1	1 unit	41J
M12 connectors, 4-pole								
M20			B	**3SU1930-0HC10-0AA0**		1	1 unit	41J
M25			B	**3SU1930-0HD10-0AA0**		1	1 unit	41J
M12 sockets, 5-pole								
M20	Plastic	Black	B	**3SU1930-0HP10-0AA0**		1	1 unit	41J
M25			B	**3SU1930-0HQ10-0AA0**		1	1 unit	41J
M12 connectors, 5-pole								
M20			B	**3SU1930-0HR10-0AA0**		1	1 unit	41J
M25			B	**3SU1930-0HS10-0AA0**		1	1 unit	41J
M12 sockets, 8-pole	Plastic	Black	B	**3SU1930-0HT10-0AA0**		1	1 unit	41J
M20								
M25			B	**3SU1930-0HU10-0AA0**		1	1 unit	41J
M12 connectors, 8-pole								
M20			B	**3SU1930-0HV10-0AA0**		1	1 unit	41J
M25			B	**3SU1930-0HW10-0AA0**		1	1 unit	41J
For metal enclosures								
M12 sockets, 4-pole								
M20	Metal	Black	B	**3SU1950-0HA10-0AA0**		1	1 unit	41J
M25			B	**3SU1950-0HB10-0AA0**		1	1 unit	41J
M12 connectors, 4-pole								
M20			B	**3SU1950-0HC10-0AA0**		1	1 unit	41J
M25			B	**3SU1950-0HD10-0AA0**		1	1 unit	41J
M12 sockets, 5-pole								
M20	Metal	Black	B	**3SU1950-0HP10-0AA0**		1	1 unit	41J
M25			B	**3SU1950-0HQ10-0AA0**		1	1 unit	41J
M12 connectors, 5-pole								
M20			B	**3SU1950-0HR10-0AA0**		1	1 unit	41J
M25			B	**3SU1950-0HS10-0AA0**		1	1 unit	41J
M12 sockets, 8-pole								
M20	Metal	Black	B	**3SU1950-0HT10-0AA0**		1	1 unit	41J
M25			B	**3SU1950-0HU10-0AA0**		1	1 unit	41J
M12 connectors, 8-pole								
M20			B	**3SU1950-0HV10-0AA0**		1	1 unit	41J
M25			B	**3SU1950-0HW10-0AA0**		1	1 unit	41J
3SU1930-0HS10-0AA0								
3SU1950-0HA10-0AA0								
Enclosure cover monitoring								
Enclosure cover monitoring (module with extension plunger)	Plastic	Black	B	**3SU1900-0HM10-0AA0**		1	1 unit	41J
3SU1900-0HM10-0AA0								

13

SIRIUS ACT Pushbuttons and Indicator Lights
Accessories

Miscellaneous accessories

■ **Selection and ordering data**

	Product version	Material	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Accessories									
3SU1900-0KA10-0AA0	**PCB carriers**	Plastic	Black	A	**3SU1900-0KA10-0AA0**		1	10 units	41J
3SU1900-0KC10-0AA0	**Pressure plates for selectors and locks**	Plastic	White	A	**3SU1900-0KC10-0AA0**		1	10 units	41J
	Connection kits, standard slave	Plastic	Black	B	**3SU1900-0KD10-0AA0**		1	1 unit	41J
	ASi-F-slave	Plastic	Black	B	**3SU1900-0KE10-0AA0**		1	1 unit	41J
3SU1900-0KF10-0AA0	**Drilling template for 30 x 40** grid, horizontal	Plastic	Black	B	**3SU1900-0KF10-0AA0**		1	1 unit	41J
3SU1900-0KG10-0AA0	**Extension plungers** For compensation of the distance between the pushbutton and the unlatching button of an overload relay	Plastic	Black	A	**3SU1900-0KG10-0AA0**		1	1 unit	41J
3SU1950-0KJ80-0AA0	Adapters for actuators and indicators with front ring for flat mounting	Metal	Silver	A	**3SU1950-0KJ80-0AA0**		1	1 unit	41J
	Adapters for mounting hole 30.5 mm For mounting 22.5 mm pushbuttons and indicator lights	Metal	Silver	A	**3SU1950-0KB10-0AA0**		1	1 unit	41J
3SU1950-0KK80-0AA0	Grounding studs	Metal	Silver	B	**3SU1950-0KK80-0AA0**		100	50 units	41J
	Connectors for sensor switches	Metal	Black	B	**3SU1900-0KL10-0AA0**		100	50 units	41J

Appendix

16

Appendix

Siemens Industry Training

Faster and more applicable know-how: Hands-on training from the manufacturer

Siemens Industry Training provides you with comprehensive support in solving your tasks.

Training by the market leader in the industry enables you to make independent decisions with confidence. Especially where the optimum and efficient use of products and plants are concerned. You can eliminate deficiencies in existing plants, and exclude expensive faulty planning right from the beginning.

First-class know-how directly pays for itself: In shorter startup times, high-quality end products, faster troubleshooting and reduced downtimes. In other words, increased profits and lower costs.

Achieve more with Siemens Industry Training

- Shorter times for startup, maintenance and servicing
- Optimized production operations
- Reliable configuration and startup
- Minimization of plant downtimes
- Flexible plant adaptation to market requirements
- Compliance with quality standards in production
- Increased employee satisfaction and motivation
- Shorter familiarization times following changes in technology and staff

Contact

Visit our site on the Internet at:

www.siemens.com/sitrain

or let us advise you personally.

Siemens Industry Training Customer Support Germany:

Phone: +49 911 895-7575

Fax: +49 911 895-7576

E-Mail: info@sitrain.com

Highlights Siemens Industry Training

Top trainers

Our trainers are skilled teachers with direct practical experience. Course developers have close contact with product development, and directly pass on their knowledge to the trainers.

Practical experience

The practical experience of our trainers enables them to teach theory effectively. But since theory can be pretty drab, we attach great importance to practical exercises which can comprise up to half of of the course time. You can therefore immediately implement your new knowledge in practice. We train you on state-of-the-art methodically/didactically designed training equipment. This training approach will give you all the confidence you need.

Wide variety

With a total of about 300 local attendance courses, we train the complete range of Siemens Industry products as well as interaction of the products in systems.

Tailor-made training

We are only a short distance away. You can find us at more than 50 locations in Germany, and in 62 countries worldwide. You wish to have individual training instead of one of our 300 courses? Our solution: We will provide a program tailored exactly to your personal requirements. Training can be carried out in our Training Centers or at your company.

The right mixture: Blended learning

"Blended learning" is a combination of various training media and sequences. For example, a local attendance course in a Training Center can be optimally supplemented by a teach-yourself program as preparation or follow-up. Additional effect: Reduced traveling costs and periods of absence.

Things you should know about Catalog News IC 10 N

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

Delivery time class (DT)

▶ Preferred type
A 1 or 2 working days
B 3 to 5 working days
C 6 to 15 working days
D 16 to 30 working days
X On request

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

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

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

The delivery times apply up to the ramp at Siemens AG (products ready for dispatch). The transport times depend on the destination and type of shipping. The standard transport time for Germany is 1 day.

The delivery times specified here represent the situation in October 2013. They are continuously optimized. For more up-to-the-minute information, please visit our site at www.siemens.com/sirius/mall.

Price units (PU)

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

Packaging sizes (PS)

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

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

For multi-unit packing and reusable packaging, see Catalog IC 10, page 16/12.

Price groups (PG)

Each product is assigned to a price group.

Example

3SU1100-0AB30-1FA0
DT: 3 or 5 working days
PG: 41J
Order quantity 1 unit or a multiple thereof

3SU1400-1AA10-1BA0
DT: Preferred type
PG: 41J
Order quantity 1 unit or a multiple thereof

3SU1900-0AB71-0AB0
DT: 3 or 5 working days
PG: 41J
Order quantity 10 units or a multiple thereof

DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
B	**3SU1100-0AB30-1FA0**		1	1 unit	41J
▶	**3SU1400-1AA10-1BA0**		1	1 unit	41J
B	**3SU1900-0AB71-0AB0**		100	10 units	41J

Dimensions

All dimensions in mm.

Appendix

Ordering notes

Symbols

In Catalog News IC 10 N you will find the symbols and their explanations listed alongside.

They are used in conjunction with an orange background to mark and highlight special selection criteria.

Connections		
	Insulation piercing method	
	Spring-type terminals	
	Socket terminals	
	Screw terminals	
	Push-in terminals	

■ Logistics

General

With regard to delivery service, communications and environmental protection, our logistics service ensures "quality from the moment of ordering right through to delivery". By designing our infrastructure according to customer requirements and implementing electronic order processing, we have successfully optimized our logistics processes.

Our delivery processes are designed such that, as a rule, a confirmed deadline is not generally exceeded. In fact, wherever possible, we aim to deliver up to 3 working days ahead of schedule to optimize the overall delivery situation (e.g. in anticipation of holidays and peak order periods).

We are proud of our personal consulting service, on-time deliveries and 1-day transport within Germany.

To achieve this, we supply the preferred types marked with ► ex warehouse.

We regard the DIN ISO 9001 certification and consistent quality checks as an integral part of our services.

Electronic order processing is fast, cost-efficient and error-free. Please contact us if you want to benefit from these advantages.

Packaging, packing units

The packaging in which our equipment is dispatched provides protection against dust and mechanical damage during transport, thus ensuring that you receive our products in a perfect state.

We select our packaging for maximum environmental compatibility and reusability (e.g. crumpled paper for protection during transport in packages up to 32 kg) and, in particular, with a view to reducing waste.

With our multi-unit packaging and reusable packaging, we offer you specific types of packaging that are both kind to the environment and tailored to your requirements:

Your advantages at a glance:

- Lower order costs
- Cost savings through uniform-type packaging and Low/no disposal costs
- Reduced time and cost thanks to short unpacking times
- "Just-in-time" delivery directly to the production line helps reduce stock: cost savings through reduction of storage area. Cost savings through reduction of storage area
- Fast assembly thanks to supply in sets
- Standard Euro boxes – corresponding to the Euro pallet modular system – suitable for most conveyor systems
- Active contribution to environmental protection

Unless stated otherwise in the "Selection and ordering data" of this catalog, our products are supplied individually packed.

> For small parts/accessories, we offer you economical packaging units as standard packs containing more than one item, e.g. 5, 10, 50 or 100 units. It is essential that whole number multiples of these quantities be ordered to ensure satisfactory quality of the products and problem-free order processing.

The products are delivered in a neutral carton. The label includes warning notices, the CE mark and product description information in English and German.

In addition to the Article No. (MLFB) and the packed number of items in the packaging, the Instr. Article No. is also specified for the operating instructions. It can be obtained from your local Siemens representative (you will find a list of your local Siemens contacts at www.siemens.com/automation/partner).

The device Article No. of most devices can also be acquired through the EAN barcode to simplify ordering and storage logistics.

The related master data are available from your local Siemens representative.

Appendix

Standards and approvals

Approvals, test certificates, characteristic curves

An overview of the certificates available for Industrial Control products along with more technical documentation can be consulted daily on the Internet at:

www.siemens.com/sirius/approvals

Product support: Approvals/certificates

Product support: Characteristics

Safety characteristics

In the following standards, the so-called B10 values for calculating the safety integrity or safety integrity level (SIL) in functional safety at a high or continuous demand rate are required also for electromechanical switchgear:

• IEC 62061 "Safety of machines – Functional safety of safety-related electrical, electronic and programmable electronic control systems",

• ISO 13849-1 "Safety of machines – Safety-related components of controls – Part 1: General principles".

Failure rates of electromechanical components are required for calculating the safety integrity or safety integrity level (SIL) in functional safety:
  - in the manufacturing industry at
    a high demand rate
  - in the process industry at
    a low demand rate

Further requirements are laid down in IEC 61511-1 "Functional safety – Safety instrumented systems for the process industry sector – Part 1: Framework, definitions, system, hardware and software requirements".

The German versions of the above standards are:

• EN 62061 (VDE 0113-50), 2005 + AMD 1:2013, which since 31.12.2005 has been harmonized as EN 62061 under the Machinery Directive

• EN ISO 13849-1:2008

• EN 61511-1 (VDE 810-1)

The TÜV-tested Safety Evaluation Tool assists in calculating the safety function as verification for the machine documentation. It is available on the Internet at www.siemens.com/safety-evaluation-tool.

At www.siemens.com/safety-integrated you will also find examples of functions with calculations according to the current standards.

<u>Definitions</u>

$\lambda (t) dt$ is the probability that a unit which has not failed by a certain time t will fail in the following interval ($t; t + dt$). Failure rates have the dimension 1/time unit, e.g. 1/h. Failure rates for components are often specified in FIT (failures in time unit): 1 FIT equals 10^{-9}/h. From the failure rate it is possible to derive a (mathematical) distribution function of the failure probability:

$F(t) = 1 - \exp(-\lambda t)$, with λ as constant failure rate

• The mean value of this exponential distribution is also referred to as:
  - Mean Time To Failure (MTTF) in the case of irreparable components; 63.2 % of components fail by the MTTF.
  - Mean Operating Time Between Failures (MTBF) in the case of reparable components.

• MTTF = $1/\lambda$
  (MTTF is a statistical mean value but no guarantee for endurance)

Electromechanical components are often irreparable components. In general, the failure rate of monitored units changes with age.

The B10 value for devices subject to wear is expressed in number of operating cycles:

- it is the number of operating cycles after which 10 % of the test specimens fail in the course of an endurance test (or: the number of operating cycles after which 10 % of the devices have failed).

For low demand rates (mainly in the process industry), the failure rate and not the B10 value is used to determine the failure probability.

Standard B10 values at a high demand rate

With the help of the B10 value and a simplified formula (see section 6.7.8.2.1 of EN 62061), the user can then calculate the total failure rate of an electromechanical component:

$\lambda = 0.1 \times C/B10$

with C = operating cycles per hour. C is specified by the user.

The failure rate is made up of safe (λ_S) and dangerous (λ_D) failures:

$\lambda = \lambda_S + \lambda_D$

or

λ_D = [share of dangerous failures in %] x λ

λ_S = [share of safe failures in %] x λ

The failure rate of the dangerous failures λ_D of the components used is needed for further calculations.

Listed in the following table are the standard B10 values and the share of dangerous failures for SIRIUS product groups at a high demand rate.

Standard B10 values (at a high demand rate)

SIRIUS ACT product group (electromechanical components)	Standard B10 value[1] (operating cycles)	Share of dangerous failures
3SU1 EMERGENCY-STOP mushroom pushbuttons (with positive-opening contacts)	100 000	20 %
3SU1 pushbuttons (non-latching, with positive-opening contacts)	10 000 000	20 %

[1] Only applies under the conditions specified in the technical specifications.

The B10$_d$ value used in EN ISO 13849-1:2008 is determined as follows:

$$B10_d = \frac{B10}{\text{Share of dangerous failures}}$$

Calculation example

A protective door is monitored by a position switch with a separate actuator.

The protective door is opened 4 times an hour.

The overall failure rate of the position switch is:

$\lambda = 0.1 \cdot C/B10$ [failures/h]
$\lambda = 0.1 \cdot 4/1000000 = 4 \cdot 10^{-7}$ [failures/h]

The dangerous failure rate is calculated with:

$\lambda_D = 20 \%$ of $\lambda = 0.2 \cdot 4 \cdot 10^{-7}$ [failures/h]
$\lambda_D = 8 \cdot 10^{-8}$ [failures/h]

Standard failure rates (at a low demand rate)

On the basis of the failure rates, it is possible to calculate the average probability of failure on demand (PFD$_{avg}$) of a PLT protective device.

A so-called low demand rate is assumed, meaning the rate of demand on the safety-related system amounts to no more than once a year and is not greater than double the frequency of the repeat test.

A repeat test once a year is recommended for electromechanical components in order to reveal passive faults.

For special applications it is possible, in agreement with the inspecting institution (e.g. a technical inspectorate, government agency or the like) to extend the test intervals by using suitable solutions (e.g. a multi-channel version etc.).

Listed in the following table are the standard failure rates and the share of dangerous failures for SIRIUS product groups at a low demand rate.

Standard failure rates at a low demand rate

SIRIUS ACT product group (electromechanical components)	Standard failure rates (in FIT)[1]	Share of dangerous failures
3SU1 EMERGENCY-STOP mushroom pushbuttons (with positive-opening contacts)	100	20 %
3SU1 pushbuttons (non-latching, with positive-opening contacts)	100	20 %

[1] The failure rates specified in the table were limited to 100 FIT.

Appendix

Standards and approvals

Standards

IEC	EN	Title
60947-1 60947-2 60947-3	60947-1 60947-2 60947-3	Low-voltage switchgear and controlgear: General rules • Circuit-breakers • Switches, disconnectors, switch-disconnectors and fuse-combination units
60947-4-1 60947-4-2 60947-4-3	60947-4-1 60947-4-2 60947-4-3	• Contactors and motor starters - Electromechanical contactors and motor starters • Contactors and motor-starters - AC semiconductor motor controllers and starter • Contactors and motor-starters - AC semiconductor controllers and contactors for non-motor loads
60947-5-1 60947-5-2 60947-5-3 60947-5-5 60947-5-6 60947-5-7 60947-5-8 60947-5-9	60947-5-1 60947-5-2 60947-5-3 60947-5-5 60947-5-6 60947-5-7 60947-5-8 60947-5-9	• Control circuit devices and switching elements - Electromechanical control circuit devices • Control circuitdevices and switching elements - Proximity switches • Control circuit devices and switching elements - Requirements for proximity devices with defined behaviour under fault conditions (PDDB) • Control circuit devices and switching elements - Electrical emergency stop device with mechanical latching function • Control circuit devices and switching elements - DC interface for proximity sensors and switching amplifiers (NAMUR) • Control circuit devices and switching elements - Requirements for proximity devices with analogue output • Control circuit devices and switching elements - Three-position enabling switches • Control circuit devices and switching elements - Flow rate switches
60947-6-1 60947-6-2	60947-6-1 60947-6-2	• Multiple function equipment - Transfer switching equipment • Multiple function equipment - Control and protective switching devices (or equipment) (CPS)
60947-7-1 60947-7-2 60947-7-3 60947-7-4	60947-7-1 60947-7-2 60947-7-3 --	• Ancillary equipment - Terminal blocks for copper conductors • Ancillary equipment - Protective conductor terminal blocks for copper conductors • Ancillary equipment - Safety requirements for fuse terminal blocks • Ancillary equipment - PCB terminal blocks for copper conductors
60947-8	60947-8	• Control units for built-in thermal protection (PTC) for rotating electrical machines
62026-2	50295	• Actuator sensor interface (AS-i)
60269-1 60269-4	60269-1 60269-4	Low-voltage fuses: General requirements Low-voltage fuses: Supplementary requirements for fuse-links for the protection of semiconductor devices
60050-441	--	International Electrotechnical Vocabulary. Switchgear, controlgear and fuses
61439-1 61439-2 61439-3 61439-4 61439-5 61439-6 -- 61140	61439-1 61439-2 61439-3 61439-4 61439-5 61439-6 50274 61140	Low-voltage switchgear and controlgear assemblies: General rules Low-voltage switchgear and controlgear assemblies: Power switchgear and controlgear assemblies Low-voltage switchgear and controlgear assemblies: Distribution boards intended to be operated by ordinary persons (DBO) Low-voltage switchgear and controlgear assemblies: Particular requirements for assemblies for construction sites (ACS) Low-voltage switchgear and controlgear assemblies: Assemblies for power distribution in public networks Low-voltage switchgear assemblies - Part 6: Busbar trunking systems (busways) Low-voltage switchgear and controlgear assemblies - Protection against electric shock - Protection against unintentional direct contact with hazardous live parts Protection against electric shock - Common aspects for installation and equipment
60664-1	60664-1	Insulation coordination for electrical equipment in low-voltage systems: Principles, requirements and tests
60204-1	60204-1	Safety of machinery – Electrical equipment of machines: General requirements
-- 60079-14 60079-2	50178 60079-14 60079-2	Electronic equipment for use in power installations Electrical apparatus for explosive gas atmospheres: Electrical installations in hazardous areas (other than mines) Electrical apparatus for explosive gas atmospheres: Pressurized Enclosures "p"
61810-1 61812-1	61810-1 61812-1	Electromechanical elementary relays: General requirements Time relays for industrial and residential use: Requirements and tests
60999-1 60999-2	60999-1 60999-2	Connecting devices - Electrical copper conductors - Safety requirements for screw-type and screwless-type clamping units: General requirements and particular requirements for clamping units for conductors from 0,2 mm^2 up to 35 mm^2 (included) Connecting devices - Electrical copper conductors - Safety requirements for screw-type and screwless-type clamping units: Particular requirements for clamping units for conductors above 35 mm^2 up to 300 mm^2 (included)
61000-4-1	61000-4-1	Electromagnetic compatibility (EMC): Testing and measuring techniques - Overview of IEC 61000-4 series
61000-6-2 61000-6-3 61000-6-4	61000-6-2 61000-6-3 61000-6-4	Electromagnetic compatibility (EMC); Generic standards - Immunity for industrial environments Electromagnetic compatibility (EMC): Generic standards - Emission standard for residential, commercial and light-industrial environments Electromagnetic compatibility (EMC): Generic standards - Emission standard for industrial environments
61869-1	61869-1	Instrument transformers: General requirements
61869-2	61869-2	Instrument transformers: Additional requirements for current transformers

UL	CSA C22.2	ASME	JIS	Title
508	--	--	--	Industrial control equipment
60947-1	No. 60947-1	--	--	Low-voltage switchgear and controlgear - Part 1: General rules
60947-4-1A	No. 60947-4-1	--	--	Low-voltage switchgear and controlgear - Part 4-1: Contactor and motor starters - Electromechanical contactors and motor starters
60947-4-2	No. 60947-4-2	--	--	Low-voltage switchgear and controlgear - Part 4-2: Contactors and motor-starters – AC semiconductor motor controllers and starters
60947-5-1	No. 60947-5-1	--	--	Low-voltage switchgear and controlgear - Part 5-1: Control circuit devices and switching elements – Electromechanical control circuit devices
489	No. 5	--	--	Molded case circuit breakers, molded case switches, and circuit breaker enclosures
1012	--	--	--	Power units other than CLASS 2
1059	--	--	--	Terminal blocks
486A-486B	--	--	--	Wire connectors
486E	--	--	--	Equipment wiring terminals for use with aluminum and/or copper conductors
50	--	--	--	Enclosures for electrical equipment. Non-environmental considerations
50E	--	--	--	Enclosures for electrical equipment - Environmental considerations
--	No. 14	--	--	Industrial control equipment
--	No. 107-1	--	--	General use power supplies
--	--	A17.5 / B 44.1	--	Elevator and escalator electrical equipment
--	--	--	C 8201-4-1	Low-voltage switchgear and controlgear; Contactors and motor-starters

■ Approval requirements valid in different countries

Siemens low-voltage switchgear and controlgear are designed, manufactured and tested according to the relevant German standards (DIN and VDE), IEC publications and European standards (EN) as well as CSA and UL standards. The standards assigned to the single devices are stated in the relevant parts of this catalog.

As far as is economically viable, the requirements of the various standards valid in other countries are also taken into account in the design of the equipment.

In some countries an approval is required for certain low-voltage switchgear and controlgear components, (see table below). Depending on the market requirements, these components have been submitted for approval to the authorized testing institutes.

In some cases, CSA for Canada and UL for the USA only approve special switchgear versions. Such special versions are listed separately from the standard versions in the individual parts of this catalog.

For this equipment, partial limitations of the maximum permissible voltages, currents and ratings can be imposed, or special approval and, in some cases, special identification is required.

For use on board ship, the specifications of the marine classification societies must be observed (see table below). In some cases, they require type tests of the components to be approved.

■ Testing bodies, approval identification and approval requirements

Country	Canada[1]		USA[1]	China	Russia / Belarus / Kazakhstan
Government-appointed or private, officially recognized testing bodies	CSA	UL (USA)	UL	CQC	Official national regulation / TR
Mark of conformity	ⓢ	c ⓤ c 🆁🆄 c 🆁🆄us c ⓤus	ⓤ 🆁🆄 c 🆁🆄us c ⓤus	ⓒⒸⒸ·	EAC
Approval requirement	+		+	+	+
Remarks	UL and CSA are authorized to grant approval certificates in accordance with Canadian and North American regulations. Please note: These approvals are not recognized in many cases and must be covered by additional approvals issued by the national testing agency.			CCC	Customs union

For more information about the approval marks, see page 16/12.

[1] For guide numbers and file numbers for approvals, please visit www.siemens.com/automation/support and select "Product Support".

■ Marine classification societies

Country	Germany	United Kingdom	France	Norway	CIS	Italy	Poland	USA
Name	Germanischer Lloyd	Lloyds Register of Shipping	Bureau Veritas	Det Norske Veritas	Russian Maritime Register of Shipping	Registro Italiano Navale	Polski Rejestre Statków	American Bureau of Shipping
Codes	GL[1]	LRS	BV	DNV[1]	RMRS	RINA	PRS	ABS

[1] DNV and GL have merged and call themselves the DNV/GL Group.

Appendix

Standards and approvals

CE marking

Manufacturers of products which fall within the subject area to which EC directives apply must identify their products, operating instructions or packaging with a CE mark of conformity.

By attaching the CE marking, the manufacturer confirms that the product conforms to the relevant basic requirements of all directives applicable to the product. The mark of conformity is a mandatory requirement for putting products into circulation throughout the EC.

All the products in this catalog are in conformance with the relevant specific EC directives and bear the CE mark of conformity $\mathsf{C}\mathsf{E}$.
- Low-voltage directive
- EMC directive
- Machinery directive
- Ex protection directive

ALPHA/LOVAG

Siemens AG sits in the ALPHA committee of "ALPHA im VDE".

The responsibility of manufacturers and the high quality of products are promoted by "ALPHA im VDE" by means of supportive procedural guidelines for testing equipment according to the currently valid standards.

Providing specific conditions are fulfilled, "ALPHA im VDE" can also issue officially recognized product certificates if required. As a member of LOVAG, "ALPHA im VDE" is also working towards obtaining international recognition for declarations of conformity and certificates.

LOVAG (Low-Voltage Agreement Group) is a body comprising international specialists from certification bodies and industry who are working together to create a standardized European certificate.

List of LOVAG members

SGS BELGIUM NV	Belgium
Division SGS CEBEC	
ALPHA in VDE	Germany
ASEFA	France
ACAE	Italy
IMQ S.p.A	
Intertek Semko AB	Sweden
APPLUSS + CTC	Spain

Accident prevention

Test certificates and approvals from IFA (institute for occupational safety and health of the German social accident insurance), SUVA (Swiss institute for accident prevention), BG ETEM (German trade association for energy, textiles, electrical goods and media products) and VDE are available for some devices in safety control systems. For details, see the respective product descriptions.

Ex protection certificates for SIRIUS controls

Motor protection devices that protect a motor installed in a potentially explosive atmosphere against overloading must comply with certain special requirements. These requirements are laid down in the following standards:

- EN 60079-0
- EN 60079-1
- EN 60079-7
- EN 60079-14
- EN 60079-17
- EN 60947-1
- EN 60947-4-1
- EN 60947-5-1
- EN 60947-8

Certification

July 1, 2003 saw the dawning of a new era in the field of explosion protection. Since this date, only those devices and protection systems that have been certified for operation in potentially explosive atmospheres according to directive 94/9/EC can be brought into circulation within the European Union.

Only those motor protection devices that have been constructed according to the above-mentioned standards and which have a declaration of conformity from the manufacturer based on a prototype test certificate may be brought into circulation within the member states of the EC.

The quality management system of the manufacturer is also subjected to certain requirements and a "QM certificate" must be obtained for the manufacturer from a recognized authority.

Certification of the QM system

A certificate of approval for quality assurance production has been issued by DEKRA EXAM GmbH[1] with the number BVS 11 ATEX ZQS/E111 of DEKRA EXAM GmbH[1] according to Directive 94/9/EC.

This certificate is valid for equipment groups I and II and categories M2 and 2: Safety and control devices for electrical equipment.

Certificates

For the 3RV, 3RU, 3RB, 3UF, 3RN and 3RW motor protection devices, the corresponding declarations of conformity and prototype test certificates for Category 2D, 2G, and in some cases M2, are available and can be supplied on request.

Declarations of conformity and prototype test certificates are available at www.siemens.com/sirius/support for viewing and downloading.

You can find more information about industrial controls for applications in explosion-protected areas at www.siemens.com/sirius/atex.

Selection box

Description of certificate with view and download option

Identifying markings

All equipment must be marked in according to the ATEX guideline. The ATEX identification code contains the equipment group, the approved environment, the number of the certification authority and other technical data that was determined from the type test.

[1] DEKRA EXAM GmbH
The certification authority of the "DEKRA EXAM GmbH" numbered as authority number 0158 according to Article 9 of Directive 94/9/EC of the European Parliament and Council dated March 23, 1994, certifies that Siemens Amberg and Cham maintains a quality system for production that satisfies Appendix IV of this Directive.

Certificate of the AS-International Association for AS-Interface products

AS-Interface products are tested and certified by the AS-International Association. The products have been tested in an accredited test laboratory according to testing guidelines.

Appendix

Standards and approvals

Special standards for the USA and Canada

In the USA and Canada, for machine tools and processing machines in particular, supply lines are laid using rubber insulated cable enclosed in heavy-duty steel piping similar to that used for gas or water pipe systems.

The tubing system must be completely watertight and electrically conductive (especially sleeving and elbows). Since the tubing system can also be grounded, the cable entries of enclosed units equipped with heavy-gauge or metric threads must be fitted with metal adapters between these threads and the tube thread. The necessary adapters are specified for the switchgear as accessories; they should be ordered separately unless otherwise specified.

Low-voltage switchgear and controlgear for auxiliary circuits (e.g. contactor relays, commanding and signaling devices and auxiliary switches/auxiliary contacts in general) are generally only approved by CSA and UL for **"Heavy Duty"** or **"Standard Duty"** and are identified either with these specifications in addition to the maximum permissible voltage or by using an abbreviation.

The abbreviations are harmonized with IEC 60947-5-1 Appendix 1 Table A.1 and correspond to the stated utilization categories.

For various switching devices detailed in the catalog, a note has been included to the effect that, above a certain voltage, the auxiliary switches/auxiliary contacts can only be used if they have the same polarity. This means that the input terminals can only be connected to the same pole of the actuating voltage, e.g. "600 V AC above 300 V AC same polarity".

Different features of UL approvals (for USA and Canada)

Recognized Component	Listed Product
Devices are identified on the rating plate using the "UL recognition mark": USA: ⟙, c⟙us Canada: c⟙, c⟙us	Devices are identified using the "UL listing mark" on the rating plate e.g. USA: ® LISTED XXX Canada: c® LISTED XXX IND. CONT. EQ. IND. CONT. EQ. (XXX stands for: UL Code Classification Number)
Devices are approved as modules for "factory wiring", i.e.: as devices for installation in control systems, which are selected, installed, wired and tested entirely by trained personnel in factories, workshops or elsewhere, **according to the operating conditions**.	Devices are approved for "field wiring", i.e.: • As devices for installation in control systems, which are completely wired by trained personnel in factories, workshops or elsewhere. • As single devices for sale in retail outlets in the USA/Canada.

If devices are ® or c® approved as "listed products", they are also approved as ⟙ or c⟙ "recognized components".

For more information about UL and CSA,

Special standards for Russia, Australia and China

EAC approval for Russia/Belarus/Kazakhstan

EAC mark (new)   GOST mark (old)

Since 15.02.2013 Russia, Kazakhstan and Belarus have been united in the EAC customs union. An EAC approval as replacement for the GOST mark is required for all products that are to be sold in Russia.

All devices delivered to the customs union must have these customs certifications.

The provisional transition period in which the GOST mark will remain valid ends on 15.03.2015.

C-Tick licensing for Australia

RCM mark (new)   C-Tick mark (old)

The RCM mark is required for marketing Siemens components in Australia. Electronic devices must provide proof of EMC clearance in Australia, similar to the CE mark of conformity laid down by the EMC directive applicable in the EC and bear the "C-Tick" mark. These requirements have been in force since October 1st, 1999.

The RCM mark was introduced on 01.03.2013. The transition period in which the old C-Tick mark will remain valid is three years.

Quality management

The quality management system of our "Control Products" Business Unit of the "Digital Factory" Division complies with the international standard EN ISO 9001.

The products and systems described in this catalog are developed, manufactured and sold under application of a certified quality management system according to ISO 9001. The certificates are recognized in all IQ Net countries.

Certificates

For information about available certifications of the quality management system for Industrial Controls products, please visit website address:

www.siemens.com/system-certificates/cp

Appendix
Online Services

Information and ordering in the Internet and on DVD

Industrial controls
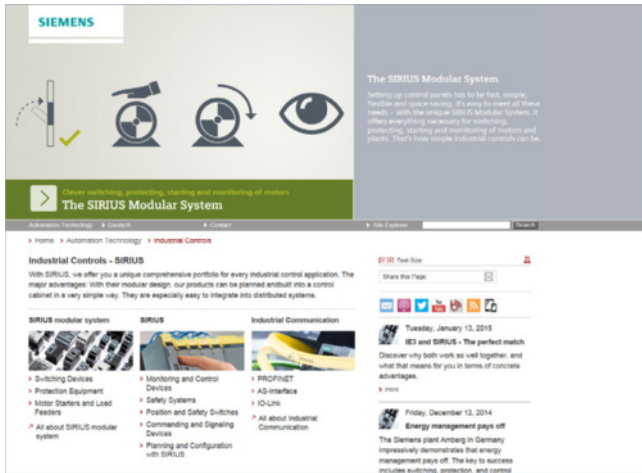
We regard product support as just as important as the products and systems themselves.

Visit our site on the Internet for a comprehensive range of material on SIRIUS Industrial Controls, such as

- Overview of the entire product portfolio
- Always up to date with newsletters, podcasts, blogs and twitter
- Access to interesting videos on the YouTube channel
- Access to contact persons in more than 190 countries
- Operating instructions and manuals for direct download

and much, much more – all conveniently and easily accessible at:

www.siemens.com/sirius

Product Selection Using the Interactive Catalog CA 01 of Industry

Detailed information together with convenient interactive functions:
The interactive catalog CA 01 covers more than 80 000 products and thus provides a full summary of the Siemens Industry Automation and Drive Technologies product base.

Here you will find everything that you need to solve tasks in the fields of automation, switchgear, installation and drives.
All information is linked into a user interface which is easy to work with and intuitive.

After selecting the product of your choice you can order at the press of a button, by fax or by online link.

Information on the interactive catalog CA 01 can be found in the Internet under

www.siemens.com/automation/ca01

or on DVD.

Easy Shopping with the Industry Mall
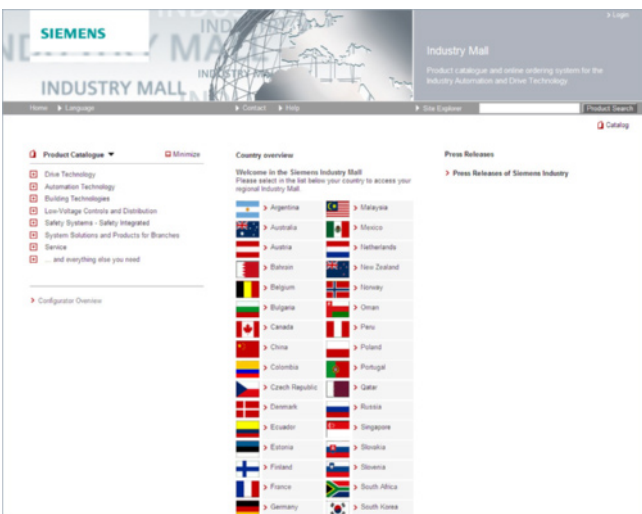
The Industry Mall is the electronic ordering platform of Siemens AG on the Internet. Here you have online access to a huge range of products presented in an informative and attractive way.

Data transfer via EDIFACT allows the whole procedure from selection through ordering to tracking and tracing of the order to be carried out. Availability checks, customer-specific discounts and preparation of quotes are also possible.

Numerous additional functions are available to support you.

For example, powerful search functions make it easy to select the required products. Configurators enable you to configure complex product and system components quickly and easily. CAx data types are also provided here.

Please visit the Industry Mall on the Internet under:

www.siemens.com/industrymall

Downloading Catalogs
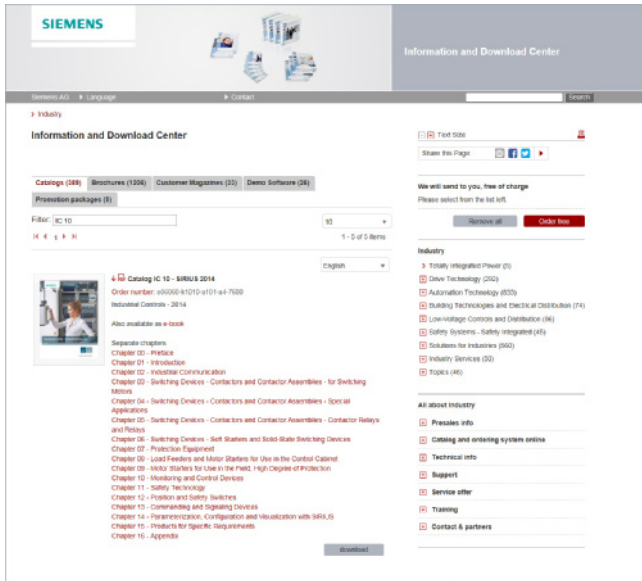
In addition to numerous other useful documents, you can also find the catalogs listed on the back inside cover of this catalog in the Information and Download Center. Without having to register, you can download these catalogs in PDF format or increasingly as digital page-turning e-books.

The filter dialog box above the first catalog displayed makes it possible to carry out targeted searches. If you enter "MD 3" for example, you will find both the MD 30.1 and MD 31.1 catalogs. If you enter "ST 70" both the ST 70 catalog and the associated news or add-ons are displayed.

Visit us on the web at:

www.siemens.com/industry/infocenter

Social Media
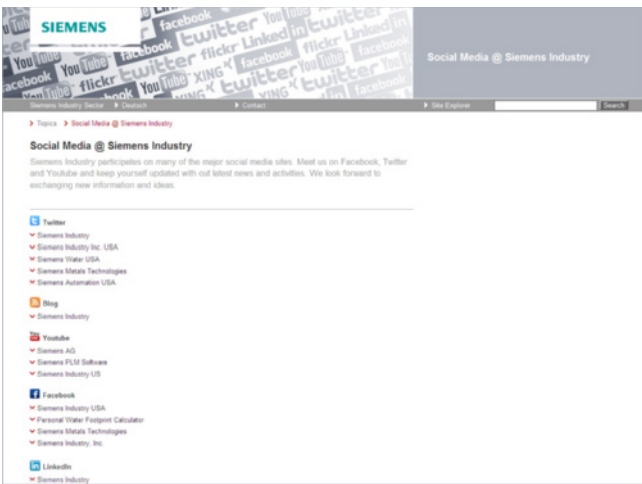
Connect with Siemens through social media: visit our social networking sites for a wealth of useful information, demos on products and services, the opportunity to provide feedback, to exchange information and ideas with customers and other Siemens employees, and much, much more. Stay in the know and follow us on the ever-expanding global network of social media.

Connect with Siemens Industry at our central access point:

www.siemens.com/industry/socialmedia

Or via our product pages at:

www.siemens.com/automation

or

www.siemens.com/drives

To find out more about Siemens' current social media activities visit us at:

www.siemens.com/socialmedia

Mobile Media
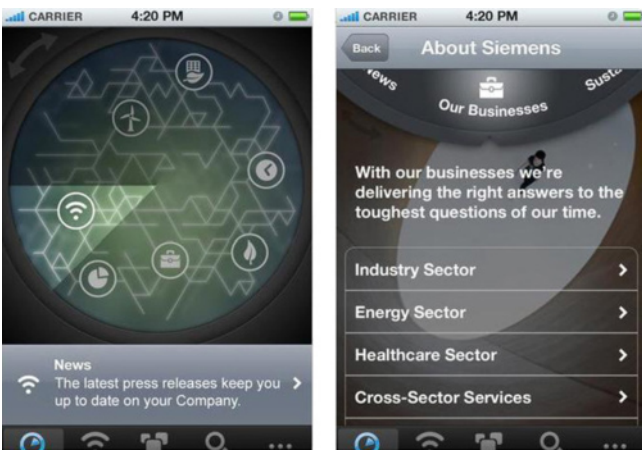
Discover the world of Siemens.

We are also constantly expanding our offering of cross-platform apps for smartphones and tablets. You will find the current Siemens apps at the app store (iOS) or at Google Play (Android).

The Siemens app, for example, tells you all about the history, latest developments and future plans of the company – with informative pictures, fascinating reports and the most recent press releases.

Appendix

Subject index

Appendix

Appendix

Article number index

1. General Provisions

By using this catalog you can acquire hardware and software products described therein from Siemens AG subject to the following Terms and Conditions of Sale and Delivery (hereinafter referred to as "T&C"). Please note that the scope, the quality and the conditions for supplies and services, including software products, by any Siemens entity having a registered office outside Germany, shall be subject exclusively to the General Terms and Conditions of the respective Siemens entity. The following T&C apply exclusively for orders placed with Siemens Aktiengesellschaft, Germany.

1.1 For customers with a seat or registered office in Germany

For customers with a seat or registered office in Germany, the following applies subordinate to the T&C:

- the "General Terms of Payment"[1] and,
- for software products, the "General License Conditions for Software Products for Automation and Drives for Customers with a Seat or Registered Office in Germany"[1] and,
- for other supplies and services, the "General Conditions for the Supply of Products and Services of the Electrical and Electronics Industry"[1].

1.2 For customers with a seat or registered office outside Germany

For customers with a seat or registered office outside Germany, the following applies subordinate to the T&C:

- the "General Terms of Payment"[1] and,
- for software products, the "General License Conditions for Software Products for Automation and Drives for Customers with a Seat or Registered Office outside of Germany"[1] and
- for other supplies and/or services, the "General Conditions for Supplies of Siemens Industry for Customers with a Seat or Registered Office outside of Germany"[1].

2. Prices

The prices are in € (Euro) ex point of delivery, exclusive of packaging.

The sales tax (value added tax) is not included in the prices. It shall be charged separately at the respective rate according to the applicable statutory legal regulations.

Prices are subject to change without prior notice. We will charge the prices valid at the time of delivery.

To compensate for variations in the price of raw materials (e.g. silver, copper, aluminum, lead, gold, dysprosium and neodym), surcharges are calculated on a daily basis using the so-called metal factor for products containing these raw materials. A surcharge for the respective raw material is calculated as a supplement to the price of a product if the basic official price of the raw material in question is exceeded.

The metal factor of a product indicates the basic official price (for those raw materials concerned) as of which the surcharges on the price of the product are applied, and with what method of calculation.

An exact explanation of the metal factor can be downloaded at:

www.siemens.com/automation/salesmaterial-as/catalog/en/terms_of_trade_en.pdf

To calculate the surcharge (except in the cases of dysprosium and neodym), the official price from the day prior to that on which the order was received or the release order was effected is used.

To calculate the surcharge applicable to dysprosium and neodym ("rare earths"), the corresponding three-month basic average price in the quarter prior to that in which the order was received or the release order was effected is used with a one-month buffer (details on the calculation can be found in the

3. Additional Terms and Conditions

The dimensions are in mm. In Germany, according to the German law on units in measuring technology, data in inches apply only to devices for export.

Illustrations are not binding.

Insofar as there are no remarks on the individual pages of this catalog - especially with regard to data, dimensions and weights given - these are subject to change without prior notice.

4. Export regulations

We shall not be obligated to fulfill any agreement if such fulfillment is prevented by any impediments arising out of national or international foreign trade or customs requirements or any embargoes and/or other sanctions.

Export of goods listed in this catalog may be subject to licensing requirements. We will indicate in the delivery details whether licenses are required under German, European and US export lists. Goods labeled with "AL" not equal to "N" are subject to European or German export authorization when being exported out of the EU. Goods labeled with "ECCN" not equal to "N" are subject to US re-export authorization.

The export indications can be viewed in advance in the description of the respective goods on the Industry Mall, our online catalog system. Only the export labels "AL" and "ECCN" indicated on order confirmations, delivery notes and invoices are authoritative.

Even without a label, or with label "AL:N" or "ECCN:N", authori-zation may be required i .a. due to the final disposition and intended use of goods.

If you transfer goods (hardware and/or software and/or technology as well as corresponding documentation, regardless of the mode of provision) delivered by us or works and services (including all kinds of technical support) performed by us to a third party worldwide, you must comply with all applicable national and international (re-)export control regulations.

If required for the purpose of conducting export control checks, you (upon request by us) shall promptly provide us with all infor-mation pertaining to the particular end customer, final dispo-sition and intended use of goods delivered by us respectively works and services provided by us, as well as to any export control restrictions existing in this relation.

The products listed in this catalog may be subject to European/German and/or US export regulations. Any export requiring approval is therefore subject to authorization by the relevant authorities.

Errors excepted and subject to change without prior notice.

---

[1] The text of the Terms and Conditions of Siemens AG can be downloaded at
www.siemens.com/automation/salesmaterial-as/catalog/en/terms_of_trade_en.pdf

Appendix

Notes

Appendix

Notes

Appendix

Notes

Appendix

Appendix

Notes

Appendix

Notes

Appendix

Notes

Catalogs
Industry Automation, Drive Technologies and Low-Voltage Power Distribution

Further information can be obtained from our branch offices listed at www.siemens.com/automation/partner

Information and Download Center

Digital versions of the catalogs are available on the Internet at:

Security information

Siemens provides products and solutions with industrial security functions that support the secure operation of plants, solutions, machines, equipment and/or networks. They are important components in a holistic industrial security concept. With this in mind, Siemens' products and solutions undergo continuous development. Siemens recommends strongly that you regularly check for product updates.

For the secure operation of Siemens products and solutions, it is necessary to take suitable preventive action (e.g. cell protection concept) and integrate each component into a holistic, state-of-the-art industrial security concept. Third-party products that may be in use should also be considered. For more information about industrial security, visit
http://www.siemens.com/industrialsecurity.

To stay informed about product updates as they occur, sign up for a product-specific newsletter. For more information, visit
http://support.automation.siemens.com.

**Industrial Controls
SIRIUS**

Get more information

Control Products:
www.siemens.com/sirius

The information provided in this catalog contains merely general descriptions or characteristics of performance which in case of actual use do not always apply as described or which may change as a result of further development of the products. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of contract. Availability and technical specifications are subject to change without notice.
All product designations may be trademarks or product names of Siemens AG or supplier companies whose use by third parties

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Siemens *manufacturer:*

Other Similar products are found below :

5ST2144 5ST2167 5SX2125-7 5SX2340-7 5SX9200 5VD5401 6EP1332-1SH41 6EP1931-2DC21 6ES5451-7LA11 D11CEU1 FP9556 PD63F160 FXD63B175 8WA1011-1BH23 8WA1011-2SF25 8WA1721 8WA8848-0AC 8WA8-848-0AM 8WA8-848-0AN 8WA8-848-0AT 8WA8-848-0AX 8WA8-848-0BD 8WA8-848-0BF 8WA8-848-0BL 8WA8-848-0BP 8WA8-848-0BQ 14DP32AC81 ED21B100 B32523-.47@400V-J B65541-T25-A48 B65812-B1512-T1 B66317-G0000-X127 B66337-G0500-X127 B66417-G-X167 B82724-J 8WA1201 8WA1854 8WA1870 8WA8-848-0AK 8WA8-848-0AV 8WA8-848-0BG 8WA8-848-0BJ 8WA8-848-0BK 8WA8-848-0BM 8WD4400-1AB 8WD4400-1AC 8WD4420-0EA RTD14024-S SAB8259AP A01MN64