

MENS




Industrial Controls


Pushbuttons and Indicator Lights

Catalogs


Industrial Controls IC 10
 101-A5-7600




Power Distribution and Automation Technology LV 10
 CON • ALPHA
 Planning, Measuring and Monitoring
 Boards and Distribution Systems
 101-A2-7600




Industrial Safety SI 10
 Safety Technology for Factory Automation
 101-A2-7600




Industrial Communication IK PI
 101-B8-7600




Industrial Automation ST 70
 101-B4-7600



Voltage Motors D 81.1
 1MB1 and 1PC1
 315
 up to 200 kW
 111-A7-7600




Industrial Training ITC
 German
 101-C4



Miscellaneous

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 Interactive Catalog, DVD
 E86060-D4001-A510-D4-7600




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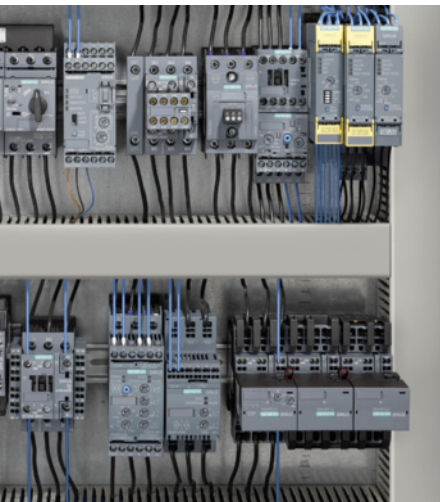
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Industrial Controls



Siemens IC 10 N · 02/2015

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February 2015

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2	Industrial Communication
3	Switching Devices – Contactors and Contactor Assemblies – for Switching Motors
4	Switching Devices – Contactors and Contactor Assemblies – Special Applications
5	Switching Devices – Contactors and Contactor Assemblies – Contactor Relays and Relays
6	Switching Devices – Soft Starters and Solid-State Switching Devices
7	Protection Equipment
8	Load Feeders and Motor Starters for Use in the Control Cabinet
9	Motor Starters for Use in the Field, High Degree of Protection
10	Monitoring and Control Devices
11	Safety Technology
12	Position and Safety Switches
13	Commanding and Signaling Devices

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.

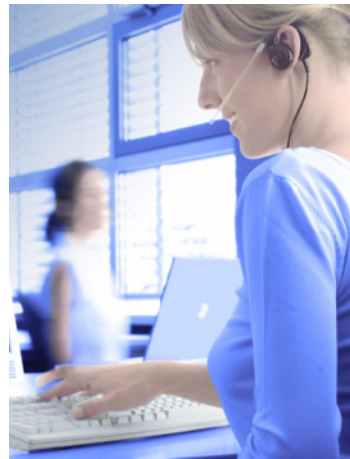


Competent and fast technical advice regarding:

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

11) 895-59 00
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IC01_00338



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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

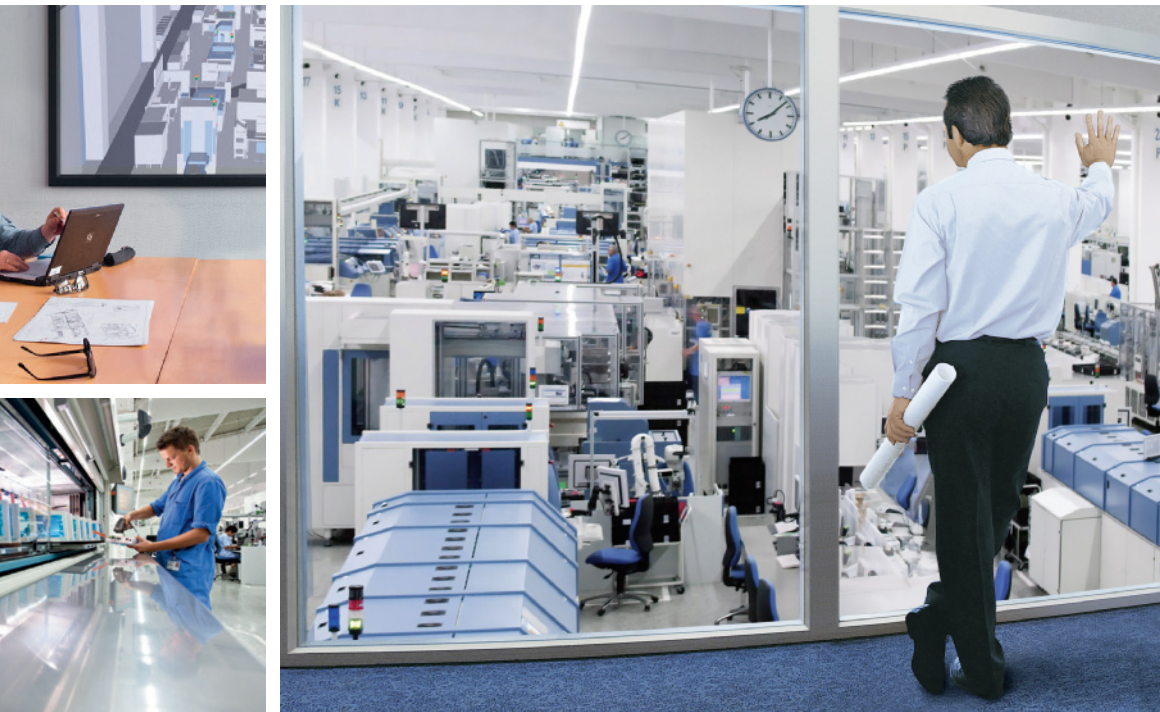


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www.siemens.com/automation/support-request

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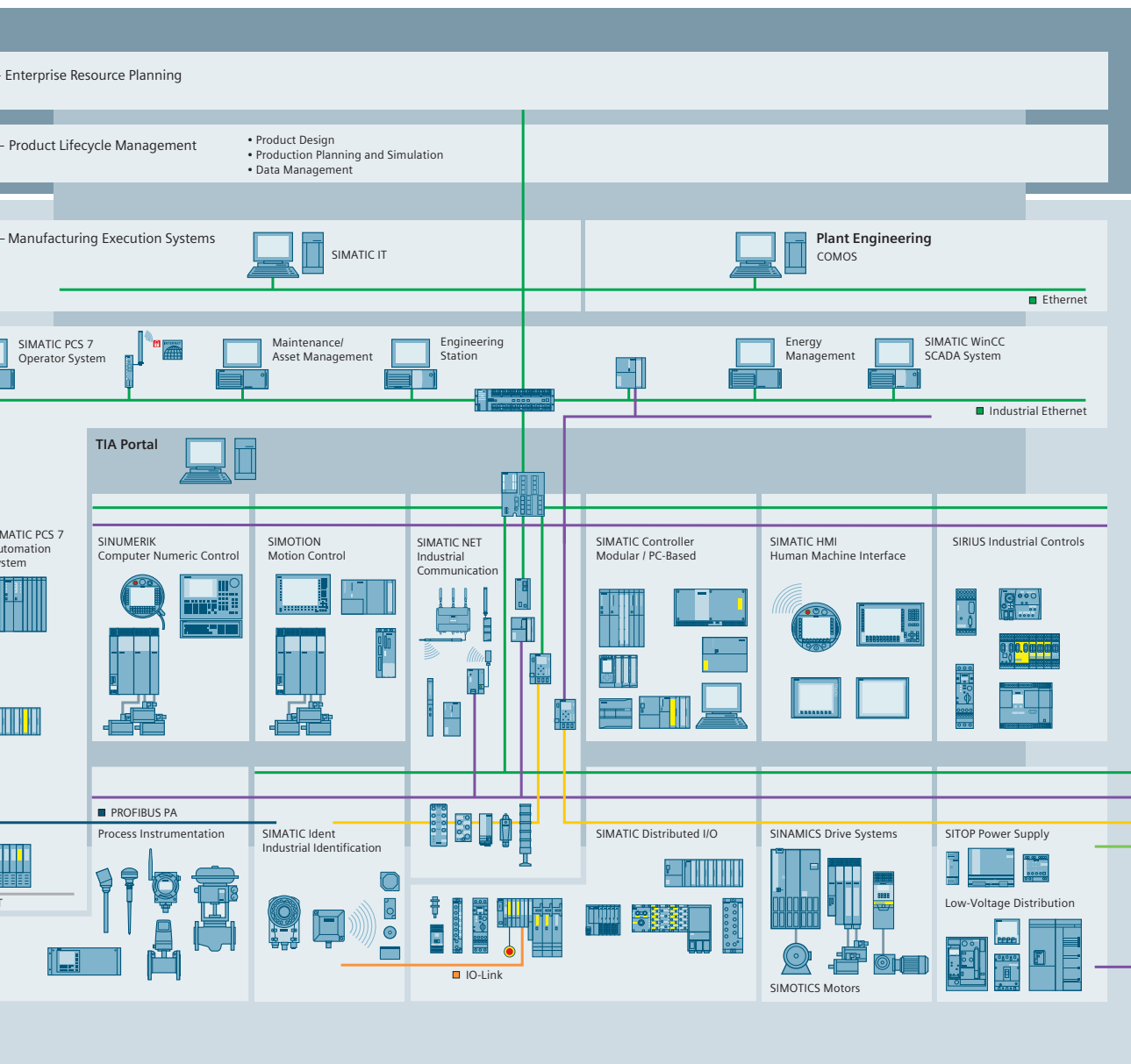
Answers for industry.

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

world's leading supplier and environmentally friendly products and solutions for various industries. End-to-end technology and industrial market expertise, and tailored services are the key to increase our customers' productivity, energy efficiency and flexibility.

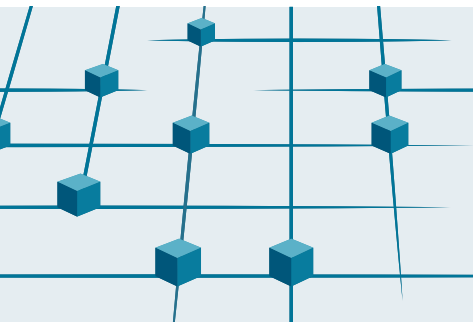
We consistently rely on integrated technologies and, thanks to our bundled portfolio, we can respond more quickly and flexibly to our customers' wishes. With our globally unmatched range of automation technology, industrial control and drive technology as well as industrial software, we equip companies 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

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.



Efficient automation starts with efficient engineering.

Digitally Integrated Automation: Efficiency driving productivity.



Integrated Automation
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.

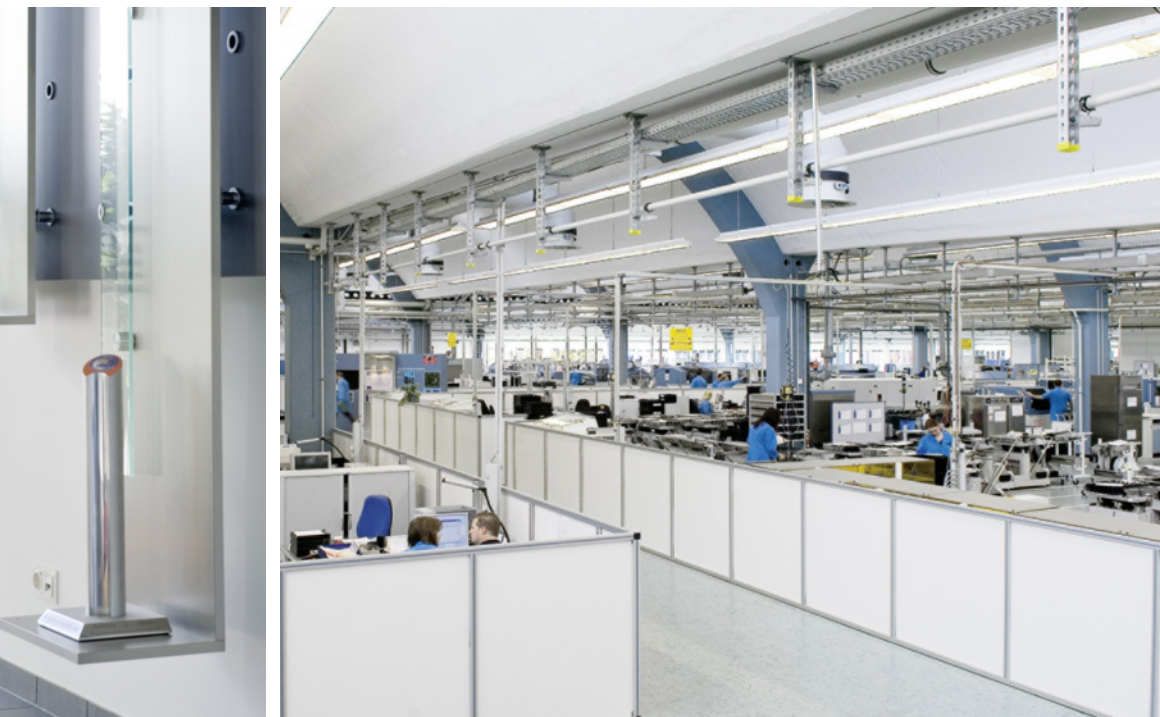
With its comprehensive technology and industry-specific expertise, Siemens is continuously driving progress in manufacturing industries – and Totally Integrated Automation plays a key role.

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

is right with Totally Integrated Automation

ted Automation, industrial automation from
s for the efficient interoperability of all auto-
nents. The open system architecture covers
duction process and is based on end-to-end
eristics: consistent data management, global



Equipment Manufacturing Plant Amberg

include "Factory of the Year", "Bavarian Quality Award" and "Factory/Industrial Excellence"

Amberg, some 2 400 employees and manufacture tools for the world market. It includes the complete product range used for protecting loads, in particular in engineering.

competition "The Best Industrial Excellence Award Equipment manufacturing

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 ensure the success of a

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.



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	SIRIUS ACT pushbuttons and indicator lights
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13/23	Actuating and signaling elements <u>Actuators and indicators, 22 mm, round, plastic with metal front ring, matte</u>
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Note:

Conversion tool,
e.g. from 3SB3 to 3SU1 see
www.siemens.com/sirius/conversion-tool

Commanding and Signaling Devices

Introduction



	3SU18 Enclosures	3SU18 Two-hand operation consoles
	✓	✓
	✓	✓
	✓	✓
Buttons	✓	□
Buttons	✓	□
EMERGENCY STOP mushroom pushbuttons	✓	✓
Buttons	✓	□
Buttons	✓	□
Signaling devices	✓	□
Buttons	✓	□
	✓	✓
	–	✓
	✓	✓
Buttons	✓	□
Buttons	□	□
Buttons	✓	□

Solutions

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

For more solutions see [catalog IK PI](#) and [communication SIMATIC NET](#)".

EMERGENCY STOP according to ISO 13850

EMERGENCY STOP modules, EMERGENCY STOP devices according to ISO 13850 can be directly connected through AS-Interface with safety-related communication (see [chapter 2](#)).

PROFINET solutions

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

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.

T Pushbuttons and Indicator Lights



Pushbuttons and indicator lights

A modular system of pushbuttons and indicator lights for panel mounting and rear-mounted electrical modules. The units are made up of an actuating or signaling element, contact modules and/or LED modules. They are offered for various application cases.

In compact units, the electrical module is permanently 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

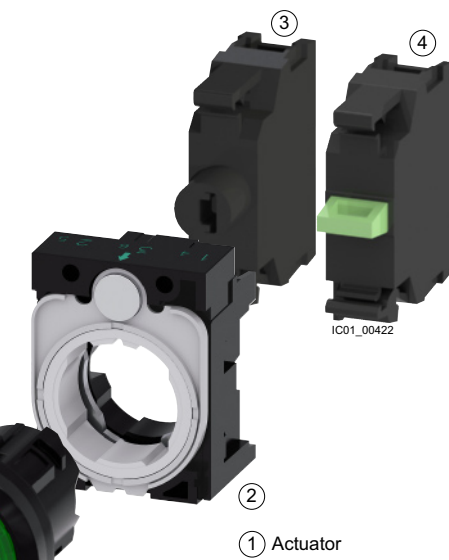
One command point comprises:

- 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/markings

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.

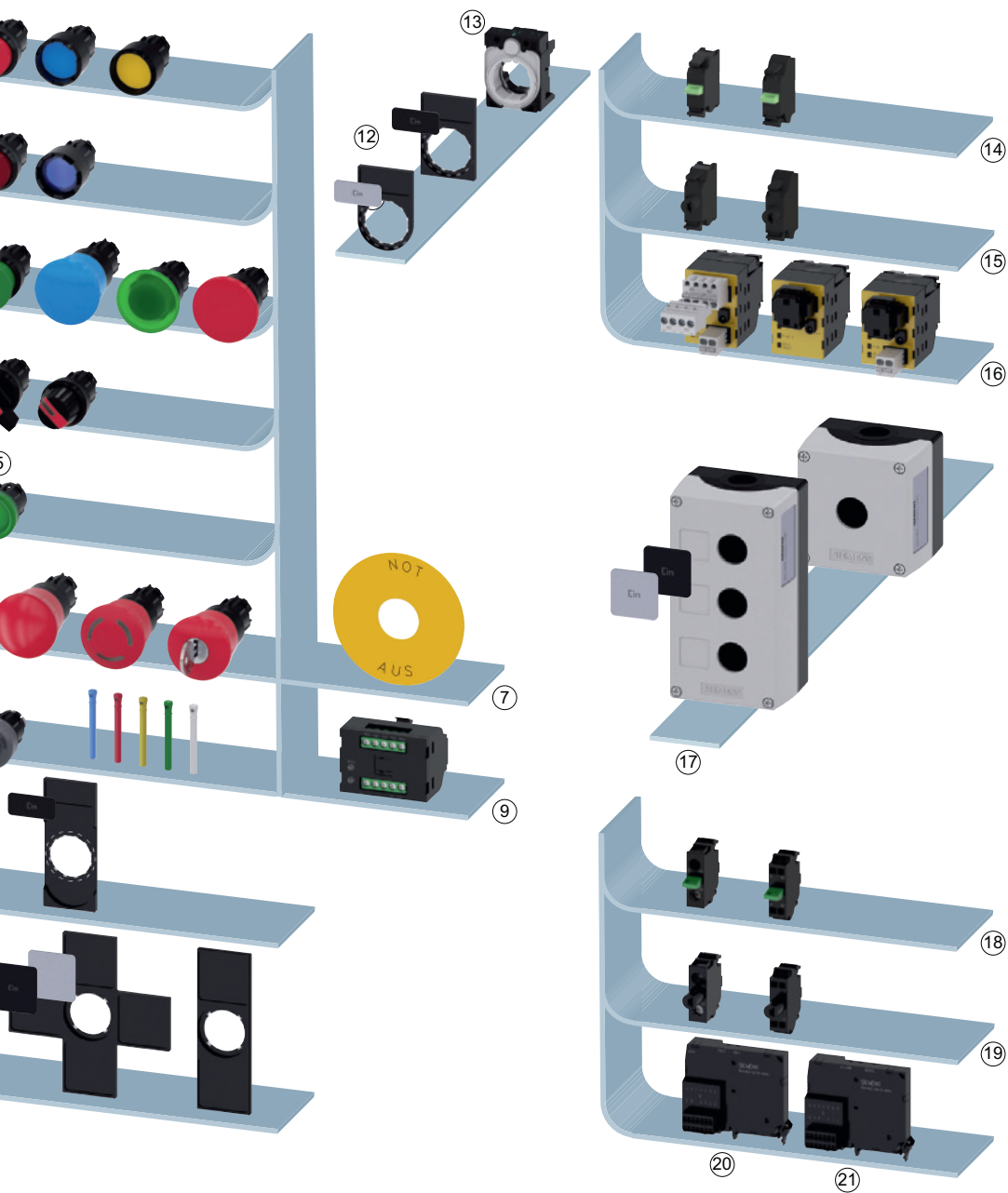
s

Compact units



SIRIUS ACT Pushbuttons and Indicator Lights

General data



ACT Pushbuttons and Indicator Lights

Function of the actuator when mounting
Integration into patented holder design
Contact modules
Resistance to environmental influences
Degree of protection
Explosion protection certified according to ATEX
Mean time between failures of 100 000 hours thanks to use of LEDs
Service life of 10×10^6 switching cycles
Tool-free, screw-locked fixing with just one screw
Data communication
Integration of the enclosure to AS-Interface or IO-Link
Integration in the control cabinet to PROFINET, IO-Link
Access

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

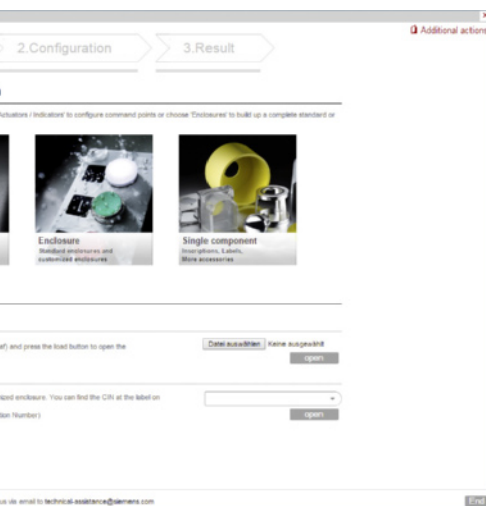
Mounting the modules

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.



Selection by intuitive navigation through
Simplified menus

SIRIUS ACT Pushbuttons and Indicator Lights

General data

4-way switches

Each 4-way switch is electronic and has 4 switch positions. The 4 switch positions are selected by keys with different codes. The ID keys are color-coded (yellow, blue, red, green) 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

4-way switches

Switching positions	4	4
Switching angle	45°	45°
Operation	Latching	Latching
Key removal	O+I+II+III	O+I+II+III
Color	Black	Black
Ordering code	13/33	13/52



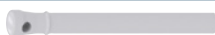
3SU1400-1GC10-1AA0



3SU1400-1GD10-1AA0

IO-Link modules for ID key-operated switches

IO-Link module	3SU1400-1GC10-1AA0	3SU1400-1GD10-1AA0
IO-Link master	--	Via IO-Link master
IO-Link protocol	--	IO-Link protocol
Number of contacts	5	5
COM2	--	COM2 (38.4 kBaud)
Ordering code	13/83	13/83



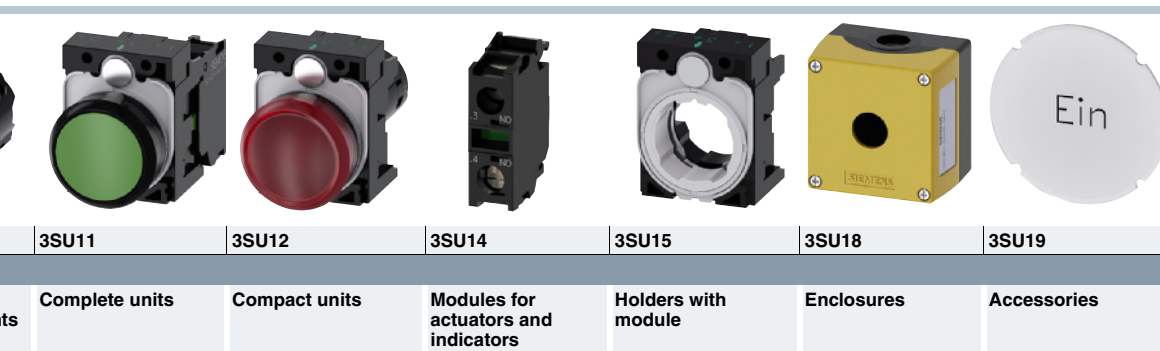
3SU1900-0FU60-0AA0



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

3SU Pushbuttons and Indicator Lights

Theme



signaling elements

No.	1 st - 4 th	5 th	6 th	7 th	8 th	9 th	10 th	11 th	12 th	13 th	14 th	15 th	16 th
	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pushbuttons and indicator lights	3SU1												
	0 = actuating and signaling elements		0										
	0 = plastic, black 3 = metal, matte (front ring)/plastic, black (collar) 5 = metal, shiny 6 = metal, matte		<input type="checkbox"/>										
	0 = non-illuminated 1 = illuminated/transparent 2 = illuminated/non-illuminated			<input type="checkbox"/>									
	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				<input type="checkbox"/>								
	e.g. A = flat					<input type="checkbox"/>							
	e.g. B = momentary contact						<input type="checkbox"/>						
	e.g. 10 = black, 20 = red							<input type="checkbox"/>	<input type="checkbox"/>				
	0 = none									<input type="checkbox"/>			
	e.g. A = without module, without holder Y = without module, with holder										<input type="checkbox"/>		
	e.g. A = none, C = "I", D = "O", R = "R"											<input type="checkbox"/>	
	0 = standard, 1 = ATEX												<input type="checkbox"/>
	3SU1	0	0	0	-	0	A	B	1	0	-	0	A
												A	0

This scheme is presented here merely for information or better understanding of the logic behind the .

SIRIUS ACT Pushbuttons and Indicator Lights

General data

No.	1 st - 4 th	5 th	6 th	7 th	8 th	9 th	10 th	11 th	12 th	13 th	14 th	15 th	16 th
	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>
Pushbuttons and indicator lights	3SU1												
	1 = complete units		1										
Material	0 = plastic, black 3 = metal, matte (front ring) plastic, black (collar) 5 = metal, shiny 6 = metal, matte		<input type="checkbox"/>										
Indicator	0 = non-illuminated 1 - 8 = illuminated (with/without LED, various voltages)			<input type="checkbox"/>									
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				<input type="checkbox"/>								
Indicator/lock	e.g. A = flat					<input type="checkbox"/>							
Indicator/lock	e.g. B = momentary contact						<input type="checkbox"/>						
Indicator/lock	e.g. 10 = black, 20 = red							<input type="checkbox"/>	<input type="checkbox"/>				
Indicator/lock	1 = screw terminals 3 = spring-type terminals									<input type="checkbox"/>			
Indicator/lock	e.g. A = without module, with holder B = 1 NO contact with holder C = 1 NC contact with holder										<input type="checkbox"/>		
Indicator/lock	e.g. A = none, C = "I", D = "O", R = "R"											<input type="checkbox"/>	
Indicator/lock	0 = standard, 1 = ATEX												<input type="checkbox"/>
	3SU1	1	0	0	-	0	A	A	1	0	-	1	B
												A	0

No.	1 st - 4 th	5 th	6 th	7 th	8 th	9 th	10 th	11 th	12 th	13 th	14 th	15 th	16 th
	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>
Pushbuttons and indicator lights	3SU1												
	2 = compact units		2										
Material	0 = plastic, black 3 = metal, matte (front ring) plastic, black (collar) 5 = metal, shiny 6 = metal, matte		<input type="checkbox"/>										
Indicator	0 = non illuminated 1 = illuminated/non-illuminated			<input type="checkbox"/>									
Indicator	0 = pushbutton 1 = sensor switch 2 = potentiometer 6 = indicator light/acoustic signaling device				<input type="checkbox"/>								
Indicator/lock	e.g. A = flat					<input type="checkbox"/>							
Indicator/lock	e.g. B = 24 V AC/DC						<input type="checkbox"/>						
Indicator/lock	e.g. 10 = black, 20 = red							<input type="checkbox"/>	<input type="checkbox"/>				

T Pushbuttons and Indicator Lights

Actuators and indicators

No.	1 st - 4 th	5 th	6 th	7 th	8 th	9 th	10 th	11 th	12 th	13 th	14 th	15 th	16 th
	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>
Pushbuttons and indicator lights	3SU1												
	4 = modules for actuators and indicators		4										
)	0 = plastic, black		<input type="checkbox"/>										
	0 = non-illuminated 1 = illuminated			<input type="checkbox"/>									
	1 = front plate mounting 2 = base mounting 3 = printed-circuit board				<input type="checkbox"/>								
	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					<input type="checkbox"/>							
	e.g. B = 24 V AC/DC						<input type="checkbox"/>						
	e.g. 10 = black, 20 = red							<input type="checkbox"/>	<input type="checkbox"/>				
nd	1 = screw terminals 2 = screw terminals + insulation piercing method 3 = spring-type terminals 4 = spring-type terminals + insulation piercing method 5 = socket terminals									<input type="checkbox"/>			
t ial	e.g. A = none B = 1 NO contact, silver C = 1 NC contact, silver										<input type="checkbox"/>		
	A = none											<input type="checkbox"/>	
	0 = standard, 1 = ATEX												<input type="checkbox"/>
	3SU1	4	0	0	-	1	A	A	1	0	-	1	B
												A	0

No.	1 st - 4 th	5 th	6 th	7 th	8 th	9 th	10 th	11 th	12 th	13 th	14 th	15 th	16 th
	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>
Pushbuttons and indicator lights	3SU1												
	5 = holder		5										
)	0 = plastic, black 5 = metal, shiny		<input type="checkbox"/>										
	0 = non-illuminated 1 = illuminated			<input type="checkbox"/>									
	0 = none 1 = front plate mounting				<input type="checkbox"/>								
	A = 3x A B = 4x B					<input type="checkbox"/>							
	A = none G = 6 ... 24 V AC/DC						<input type="checkbox"/>						
	e.g. 10 = black, 20 = red							<input type="checkbox"/>	<input type="checkbox"/>				
nd	0 = none 1 = screw terminals									<input type="checkbox"/>			
t incl. contact	e.g. A = none										<input type="checkbox"/>		

SIRIUS ACT Pushbuttons and Indicator Lights

General data

No.	1 st - 4 th	5 th	6 th	7 th	8 th	9 th	10 th	11 th	12 th	13 th	14 th	15 th	16 th
	□□□□	□	□	□	-	□	□	□	□	□	-	□	□
Buttons and indicator lights	3SU1												
	8 = enclosure		8										
Material (front ring)	0 = plastic, black plastic 5 = metal, shiny metal		□										
Command points	1 = 1 command point ... 6 = 6 command points		□										
Switch type	0 = surface-mounted 1 = 4-position selector and coordinate switch 2 = palm switch 3 = two-hand operation console		□										
Additional features	e.g. command point, inscription, module		□ □										
AS-i capability	0 = none 1 = AS-i		□										
ATEX	0 = standard 1 = ATEX		□										
Number of modules	0 = none 1 = front plate mounting, screw terminals 2 = base mounting, screw terminals 3 = base mounting, spring-type terminals		□										
AS-i enclosure	A = none G = direct entry of AS-i flat cable at top/on right H = ASi insulation piercing method at top/on right		□										
Mounting on 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 top	1 = gray 2 = yellow		□										
	3SU1	8	0	1	-	0	A	A	0	0	-	0	A
												A	2

No.	1 st - 4 th	5 th	6 th	7 th	8 th	9 th	10 th	11 th	12 th	13 th	14 th	15 th	16 th
	□□□□	□	□	□	-	□	□	□	□	□	-	□	□
Buttons and indicator lights	3SU1												
	9 = accessories		9										
Material	0 = plastic, black 3 = metal/plastic 5 = metal, shiny 6 = metal, matte		□										
Illumination	0 = non-illuminated 1 = illuminated		□										
Labels, enclosure	e.g. OAB = insert label		□ □ □										
Color	e.g. 10 = black, 20 = red		□ □										
AS-i	e.g. OAA = none		□ □ □										

T Pushbuttons and Indicator Lights

SIRIUS ACT

of the system
of design and functionality

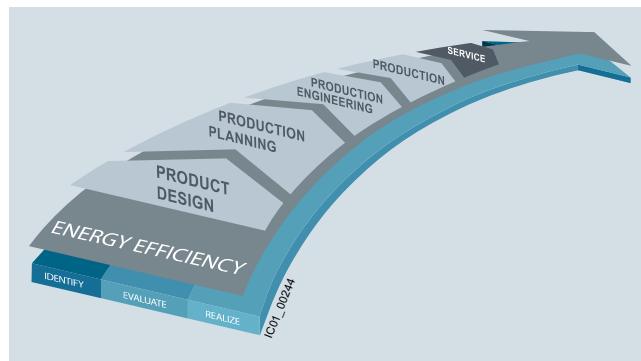
ory and fast installation
installation

can be mounted with holder removed
ols required,
screwdriver (cross-tip DIN ISO 87641PZD1,
ISO 2380-1 A/B 1x4.5) is sufficient
etry for mounting holes

ance
se in extreme environments
ity according to use

to the most commonly used communication
DFINET, AS-Interface, IO-Link)
rated 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

Conditions

s and indicator lights are climate-proof (KTW 24)
standard industrial applications and operation in
ions.

Protection type of protection EEx i ATEX directive 94/9/EC

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

ection category for dust:
T120°C Db

EMERGENCY STOP pushbuttons according to

according to IEC 60204-1 or EN 60204-1, the
ushroom pushbuttons are suitable for use as

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.

SIRIUS ACT Pushbuttons and Indicator Lights

General data

Specifications

	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
	Pushbutton				
Mode of actuating element	Latching		Momentary contact		Momentary contact, latching
Operation of product by light	No	Yes	No	Yes	No
Life expectancy (operating cycles)	1 000 000		10 000 000	3 000 000	1 000 000
Frequency maximum	1/h	1 800	3 600		1 800
Response time for devices without trip 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				
Protection	IP66, IP67, IP69K				
Operation	3K6, 3C3, 3S2, 3M6				
Operating temperature	-25 ... +70 °C				
	-40 ... +80 °C				

	3SU1.00-AA	3SU1.00-BA 3SU1.00-CA 3SU1.30-AA 3SU1.30-BA 3SU1.50-AA 3SU1.50-BA 3SU1.50-CA	3SU1.50-EA	3SU1.01-AA 3SU1.01-BA 3SU1.51-AA 3SU1.51-BA 3SU1.51-CA	3SU1.00-AD 3SU1.00-BD 3SU1.00-CD 3SU1.30-AD 3SU1.30-BD 3SU1.50-AD 3SU1.50-BD 3SU1.50-CD	3SU1.50-ED	3SU1.01-AD 3SU1.01-BD 3SU1.31-AD 3SU1.31-BD
	Mushroom pushbutton						
Mode of actuating element	Latching			Momentary contact			
Operation of product by light	No			Yes	No		Yes
Life expectancy (operating cycles)	500 000		300 000	500 000	10 000 000	300 000	3 000 000
Frequency maximum	1/h	3 600	1 800	3 600		1 800	3 600
Response time for devices without trip 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						
Protection	IP66, IP67, IP69K						
Operation	3K6, 3C3, 3S2, 3M6						
Operating temperature	-25 ... +70 °C						
	-40 ... +80 °C						

3SU1...-N | 3SU1...-L | 3SU1...-J | 3SU1...-H | 3SU1...-G
EMERGENCY STOP mushroom pushbutton




T Pushbuttons and Indicator Lights




	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
	Rotary knob	Selector switch	Toggle switch	Key-operated switch		Coordinate switch
Life expectancy (operating cycles) typical	1 000 000					250 000
Life expectancy maximum	1/h	1 800				3 600
Response time for devices without trip acc. to IEC 60068-2-27	11 ms, 50 g, half-sine					
Frequency range	10 ... 500 Hz: 5 g					
Protection	IP66, IP67, IP69K				IP65, IP67	
Operating temperature	°C	-25 ... +70				
	°C	-40 ... +80				

	3SU1400-.....-1	3SU1400-.....-3	3SU1400-.....-5
	Contact module		
Rated current	V	500	
		3	
Rated voltage	kV	6	
Switching type		AC/DC	
Rated voltage	V	5 ... 500	
	V	5 ... 500	
	A	10	
Rated current, rated value			
	A	10	
	A	10	
	A	10	
	A	6	
	A	6	
	A	3	
	A	1.4	
	A	10	
	A	5	
	A	2.5	
	A	1	
	A	0.3	
	A	0.2	

SIRIUS ACT Pushbuttons and Indicator Lights

General data

		3SU1400-.....-1	3SU1400-.....-3	3SU1400-.....-5
		Contact module		
Force required for short-circuit auxiliary switch with type of		gG / Dz 10 A, quick-response / Dz 16 A		
Rated current of miniature circuit breaker	A	10		
Rated frequency	Hz	2 ... 500 Hz: 5 g		
Response time for devices without trip acc. to IEC 60068-2-27		11 ms, 50 g, half-sine		
Operation		3K6, 3C3, 3S2, 3M6		
Operating temperature	°C	-25 ... +70		
	°C	-40 ... +80		
Protection		IP40 IP20		
Terminal connection		Screw terminals 	Spring-type terminals 	Socket terminals (THT) 
Permissible conductor cross-sections				
Main contacts		2 x (1.0 .. 1.5 mm ²) 2 x (0.5 .. 0.75 mm ²)	2 x (0.25 .. 1.5 mm ²)	0.8 mm x 0.8 mm x 4 mm --
Control leads		2 x (0.5 .. 0.75 mm ²) 2 x (0.5 .. 1.5 mm ²)	2 x (0.25 .. 1.5 mm ²) 2 x (0.25 .. 0.75 mm ²)	-- --
Leads for auxiliary contacts		2 x (18 ... 14)	2 x (24 ... 16)	--
Operating torque	Nm	0.8 ... 0.9	--	


		3SU1401-.....-1	3SU1401-.....-3	3SU1401-.....-5
		LED module		
Integrated in product		Yes		
Light source		LED		
Rated voltage	V	320		
		3		
Rated voltage	kV	4		
Typical life	h	100 000		
Rated frequency	Hz	2 ... 500 Hz: 5 g		
Response time for devices without trip acc. to IEC 60068-2-27		11 ms, 50 g, half-sine		
Operation		3K6, 3C3, 3S2, 3M6		
Operating temperature	°C	-25 ... +70		
	°C	-40 ... +80		
Protection of the terminal		IP20		
Terminal connection		Screw terminals 	Spring-type terminals 	Socket terminals (THT) 

T Pushbuttons and Indicator Lights

and Indicators, 22 mm, Round, Plastic, Black

units

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								
V	V			Article No.	Price per PU				

Pushbuttons with flat button, momentary contact

--	--	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

--	--	Black	0	1	B	3SU1100-0BB10-1CA0	1	1 unit	41J
			0	1	B	3SU1100-0BB20-1CA0	1	1 unit	41J
			1	0	B	3SU1100-0BB50-1BA0	1	1 unit	41J


Illuminated pushbuttons with flat button, momentary contact with integrated LED

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
110	--	Red	0	1	B	3SU1103-0AB20-1CA0	1	1 unit	41J
			1	0	B	3SU1103-0AB30-1BA0	1	1 unit	41J
			1	0	B	3SU1103-0AB40-1BA0	1	1 unit	41J
			1	0	B	3SU1103-0AB50-1BA0	1	1 unit	41J
			1	0	B	3SU1103-0AB60-1BA0	1	1 unit	41J
			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								
V	V					Article No.	Price per PU		

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

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

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

Emergency Stop Pushbuttons and Indicator Lights

Emergency Stop Pushbuttons and Indicators, 22 mm, Round, Plastic, Black

Emergency Stop Pushbuttons / EMERGENCY STOP mushroom pushbuttons


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		

Buttons

With red mushroom, diameter 40 mm, latching


Pull to unlatch	0	1	B	3SU1100-1BA20-1CA0	1	1 unit	41J
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Spring-type terminals 							
Pull to unlatch	0	1	B	3SU1100-1BA20-3CA0	1	1 unit	41J



CA0


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, 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
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Rotate to unlatch	0	1	None 	B	3SU1100-1HB20-1CF0	1	1 unit	41J
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	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



CH0










CH0

SIRIUS ACT Pushbuttons and Indicator Lights

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

Selector switches

Ordering data

Operating principle	Supply voltage	Number of NO contacts	Number of NC contacts	DT	Screw terminals 	PU (UNIT, SET, M)	PS*	PG	
					Article No.	Price per PU			
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									
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
									


SB30 Pushbuttons and Indicator Lights

Pushbuttons and Indicators, 22 mm, Round, Plastic, Black

Units

SB30 switches

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		

SB30 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)

Latching, 90°
(10:30/1:30 o'clock)




O+I

1

0

B

Spring-type terminals 

3SU1100-4BF11-3BA0

1

1 unit 41J



BA0





BA0

SIRIUS ACT Pushbuttons and Indicator Lights

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

Indicator lights

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		
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
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
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 								
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
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

Pushbuttons and Indicator Lights

Pushbuttons and Indicators, 22 mm, Round, Plastic, Black

Pushbuttons

Pushbuttons with extended stroke

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		

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
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SA0

Ordering data

Version	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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Pushbuttons with extended stroke

Pushbuttons with flat button	Red	B	3SU1200-0EB20-0AA0	1	1 unit	41J
	Green	B	3SU1200-0EB40-0AA0	1	1 unit	41J

AA0

Pushbuttons with raised button	Black	A	3SU1200-0FB10-0AA0	1	1 unit	41J
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AA0

Illuminated pushbuttons with flat button	Red	A	3SU1201-0EB20-0AA0	1	1 unit	41J
	Clear	A	3SU1201-0EB70-0AA0	1	1 unit	41J

AA0

SIRIUS ACT Pushbuttons and Indicator Lights

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

Actuating and Signaling Elements

Pushbuttons

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 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	

Pushbuttons and Indicator Lights

Indicators, 22 mm, Round, Plastic, Black

and Signaling Elements

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
	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

SIRIUS ACT Pushbuttons and Indicator Lights

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

Actuating and Signaling Elements

Twin pushbuttons

Ordering data

Version of actuating element	Operating principle	Color	Marking	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG		
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		
		Black / Black	Arrows, hor.	B	3SU1000-3AB66-0AM0		1	1 unit	41J		
			Arrows, vert.	B	3SU1000-3AB66-0AN0		1	1 unit	41J		
			--	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			
			--	B	3SU1001-3AB66-0AA0	1	1 unit	41J			
		White / White	"-" / "+"	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			

SIRIUS ACT Pushbuttons and Indicator Lights

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

Actuating and Signaling Elements

EMERGENCY STOP mushroom pushbuttons

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
OP 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





SIRIUS ACT Pushbuttons and Indicator Lights

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

Actuating and Signaling Elements

Selector switches

Ordering data

Version of actuating element	Operating principle	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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
Selector, short black actuator	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

T Pushbuttons and Indicator Lights

nd Indicators, 22 mm, Round, Plastic, Black

nd Signaling Elements

ches

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



SIRIUS ACT Pushbuttons and Indicator Lights

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

Actuating and Signaling Elements

Key-operated switches

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
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	
	O	2	A	3SU1000-5HF01-0AA0		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	

T Pushbuttons and Indicator Lights

nd Indicators, 22 mm, Round, Plastic, Black

nd Signaling Elements

switches



Operating principle	Make of lock	Switch position for key removal	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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	

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
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	II (right)	B	3SU1000-5BP01-0AA0		1	1 unit	41J
		O+II (center, 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.M.R. 73034, black	O		B	3SU1000-4GN01-0AA0		1	1 unit	41J
		I	B	3SU1000-4HN21-0AA0		1	1 unit	41J
								
CES, SSG10	O	I	B	3SU1000-5BN01-0AA0		1	1 unit	41J
		O+I (center, left)	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	

Ordering data

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


switches

Indicator Lights

Indicator Lights, 22 mm, Round, Plastic, Black
and Signaling Elements

ts

Ordering data

Version of actuating element	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
 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


AA0

SIRIUS ACT Pushbuttons and Indicator Lights

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

Pushbuttons

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								
V	V	Article No.		Price per PU					

Pushbuttons with flat button, momentary contact

--	--	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


--	--	Red	0	1	B	3SU1130-0BB20-1CA0	1	1 unit	41J
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Illuminated pushbuttons with flat button, momentary contact with integrated LED

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
			1	0	B	3SU1133-0AB30-1BA0	1	1 unit	41J
			1	0	B	3SU1133-0AB40-1BA0	1	1 unit	41J
			1	0	B	3SU1133-0AB50-1BA0	1	1 unit	41J
			1	0	B	3SU1133-0AB60-1BA0	1	1 unit	41J
		Clear	1	0	B	3SU1133-0AB70-1BA0	1	1 unit	41J

Pushbuttons and Indicator Lights

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

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				

Illuminated pushbuttons with flat button, momentary contact with integrated LED

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

Pushbuttons with flat button, momentary contact

--	--	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

Illuminated pushbuttons with flat button, momentary contact with integrated LED


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

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		

Buttons


With red mushroom, diameter 40 mm, latching

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

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, 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
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CH0


Rotate to unlatch	0	1	None	B	3SU1100-1HB20-1CF0	1	1 unit	41J
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	0	1	EMERGENCY STOP	B	3SU1100-1HB20-1CG0	1	1 unit	41J
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	0	1	NOT-HALT	A	3SU1100-1HB20-1CH0	1	1 unit	41J
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	0	1	ARRET D'URGENCE	B	3SU1100-1HB20-1CJ0	1	1 unit	41J
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CH0


					Spring-type terminals 			
				Article No.	Price per PU			
Rotate to unlatch	0	1	NOT-HALT	B	3SU1100-1HB20-1CH0	1	1 unit	41J

SIRIUS ACT Pushbuttons and Indicator Lights

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

Key-operated switches

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		

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



BA0

With Ronis lock, SB30, 3 switch positions (I+O+II)

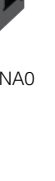
Latching, 2x45° (10:30/1:30 o'clock) O+I 2 0 B **3SU1130-4BL11-1NA0** 1 1 unit 41J



NA0

With Ronis lock, SB30, 2 switch positions (O+I)

Latching, 90° (10:30/1:30 o'clock) O+I 1 0 B **3SU1130-4BF11-3BA0** 1 1 unit 41J




T Pushbuttons and Indicator Lights

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

ts

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		

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

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

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 			
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

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

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

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		

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
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SA0

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

AA0

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

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

AA0

Pushbuttons and Indicator Lights

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

Pushbuttons and Signaling Elements

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 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

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
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
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

T Pushbuttons and Indicator Lights

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

and Signaling Elements

tons

Ordering data



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

Mushroom pushbuttons

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 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
 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	
 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	
 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	
 Mushroom pushbuttons with raised mushroom, 40 mm diameter, 2 positions	With positive latching, tamper-proof	Black	A	3SU1000-1HB10-0AA0		1	1 unit	41J
	Rotate to unlatch	Blue	B	3SU1000-1HB50-0AA0		1	1 unit	41J

STOP Pushbuttons and Indicator Lights

and Indicators, 22 mm, Plastic with Metal Front Ring, Matte
and Signaling Elements

STOP mushroom pushbuttons

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
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OP mushroom pushbuttons

With pull-to-unlatch mechanism

Tamper-proof, 2 positions	40	--	Red	A	3SU1000-1HA20-0AA0		1	1 unit	41J
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With rotate-to-unlatch mechanism

Tamper-proof, 2 positions	33.8	--	Red	A	3SU1000-1GB20-0AA0		1	1 unit	41J
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	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

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 mm	Make of lock	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
OP 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

T Pushbuttons and Indicator Lights

and Indicators, 22 mm, Plastic with Metal Front Ring, Matte
and Signaling Elements

ches

Ordering data

Version of actuating element	Operating principle	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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
Selector, short black actuator	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

SIRIUS ACT Pushbuttons and Indicator Lights

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



T Pushbuttons and Indicator Lights

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

and Signaling Elements

switches



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
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	
	O	2	B	3SU1030-5HF01-0AA0		1	1 unit	41J	
	O+I	2	B	3SU1030-5HF11-0AA0		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	
	O	2	B	3SU1030-5HF01-0AA0		1	1 unit	41J	
BKS, S1	O	2	B	3SU1030-5PF01-0AA0		1	1 unit	41J	
	O+I	2	B	3SU1030-5PF11-0AA0		1	1 unit	41J	
	I	2	B	3SU1030-5PF21-0AA0		1	1 unit	41J	
	O	1	B	3SU1030-5QF01-0AA0		1	1 unit	41J	
BKS, E1	O+I	1	B	3SU1030-5QF01-0AA0		1	1 unit	41J	
	O	1	B	3SU1030-5QF01-0AA0		1	1 unit	41J	
BKS, E2	O	1	A	3SU1030-5RF01-0AA0		1	1 unit	41J	
	O+I	1	A	3SU1030-5RF01-0AA0		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

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
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	

T Pushbuttons and Indicator Lights

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

and Signaling Elements

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
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	

Ordering data

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

Indicator lights

Ordering data

Version of actuating element	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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


AA0

BT Pushbuttons and Indicator Lights

Pushbuttons and Indicators, 22 mm, Metal, Shiny

Units

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								
V	V			Article No.	Price per PU				

Pushbuttons with flat button, momentary contact

--	--	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

Pushbuttons with raised button, momentary contact

--	--	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

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

24	24	Amber	1	0	B	3SU1152-0AB00-1BA0	1	1 unit	41J
			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


110	--	Amber	1	0	B	3SU1153-0AB00-1BA0	1	1 unit	41J
			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

230	--	Amber	1	0	B	3SU1156-0AB00-1BA0	1	1 unit	41J
			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

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
		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
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
		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
		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
		Clear	1	0	B	3SU1156-0AB70-3BA0	1	1 unit	41J

Emergency Stop Pushbuttons and Indicator Lights

Emergency Stop Pushbuttons and Indicators, 22 mm, Metal, Shiny


Pushbuttons

Emergency Stop Pushbuttons / EMERGENCY STOP mushroom pushbuttons**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		

Emergency Stop Pushbuttons**With red mushroom, diameter 40 mm, latching**


Pull to unlatch	0	1	A	3SU1150-1BA20-1CA0	1	1 unit	41J
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				Spring-type terminals 			
Pull to unlatch	0	1	B	3SU1150-1BA20-3CA0	1	1 unit	41J



CA0

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 Pushbuttons, tamper-proof, 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
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	0	1	NOT-HALT	B	3SU1150-1HA20-1CH0	1	1 unit	41J
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Rotate to unlatch	0	1	EMERGENCY STOP	B	3SU1150-1HB20-1CG0	1	1 unit	41J
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	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
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CH0



CH0

				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
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






SIRIUS ACT Pushbuttons and Indicator Lights

Actuators and Indicators, 22 mm, Metal, Shiny




Complete Units

Selector switches / key-operated switches

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		
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
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
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
								

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		
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 		


T Pushbuttons and Indicator Lights

and Indicators, 22 mm, Metal, Shiny

Units

ts

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	V				Article No.	Price per PU		

With smooth lens and integrated LED

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

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

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 

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

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

SIRIUS ACT Pushbuttons and Indicator Lights

Actuators and Indicators, 22 mm, Metal, Shiny
Compact Units

Pushbuttons with extended stroke

Ordering data

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



AA0

Pushbuttons with raised button	Black	A	3SU1250-0FB10-0AA0		1	1 unit	41J
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AA0

Illuminated pushbuttons with flat button	Red	B	3SU1251-0EB20-0AA0		1	1 unit	41J
	Clear	B	3SU1251-0EB70-0AA0		1	1 unit	41J



AA0

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



AA0



Pushbuttons and Indicator Lights

Pushbuttons and Indicators, 22 mm, Metal, Shiny

Pushbuttons and Signaling Elements

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 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	

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
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
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	

T Pushbuttons and Indicator Lights

and Indicators, 22 mm, Metal, Shiny

and Signaling Elements

tons

Ordering data

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

Ordering data

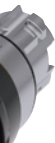








Version of actuating element	Operating principle Unlatching method	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
2 switch positions								
	Momentary contact	Black	B	3SU1050-1AD10-0AA0		1	1 unit	41J
		Red	B	3SU1050-1AD20-0AA0		1	1 unit	41J
		Yellow	B	3SU1050-1AD30-0AA0		1	1 unit	41J
		Green	B	3SU1050-1AD40-0AA0		1	1 unit	41J
	Latching	Black	B	3SU1050-1AA10-0AA0		1	1 unit	41J
		Red	B	3SU1050-1AA20-0AA0		1	1 unit	41J
	Pull to unlatch	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
Black		B	3SU1050-1BA10-0AA0		1	1 unit	41J	
Red		B	3SU1050-1BA20-0AA0		1	1 unit	41J	
	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	Black	B	3SU1050-1CA10-0AA0		1	1 unit	41J
		Red	B	3SU1050-1CA20-0AA0		1	1 unit	41J
	Pull to unlatch	Black	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	Amber	B	3SU1051-1AA00-0AA0		1	1 unit
Red			B	3SU1051-1AA20-0AA0		1	1 unit	41J
Pull to unlatch		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	
	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	Amber	B	3SU1051-1BA00-0AA0		1	1 unit	41J
		Red	B	3SU1051-1BA20-0AA0		1	1 unit	41J
	Pull to unlatch	Yellow	B	3SU1051-1BA30-0AA0		1	1 unit	41J
		Green	B	3SU1051-1BA40-0AA0		1	1 unit	41J
		Yellow	B	3SU1051-1BA30-0AA0		1	1 unit	41J
		Green	B	3SU1051-1BA40-0AA0		1	1 unit	41J

Pushbuttons and Indicator Lights


Pushbuttons and Indicators, 22 mm, Metal, Shiny

Pushbuttons and Signaling Elements

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
2 switch positions								
	Latching	Black	B	3SU1050-1HB10-0AA0		1	1 unit	41J
	Rotate to unlatch							
3 switch positions								
	Momentary contact	Black	B	3SU1050-1ED10-0AA0 3SU1050-1ED20-0AA0		1	1 unit	41J
		Red	B					
	Latching	Black	B	3SU1050-1EA10-0AA0 3SU1050-1EA20-0AA0		1	1 unit	41J
		Red	B					
	Pull to unlatch							
	Momentary contact	Red	B	3SU1051-1ED20-0AA0 3SU1051-1ED60-0AA0		1	1 unit	41J
		White	B					
	Latching	Red	B	3SU1051-1EA20-0AA0 3SU1051-1EA40-0AA0		1	1 unit	41J
		Green	B					
	Pull to unlatch							

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									
	40	--	Red	B	3SU1050-1HA20-0AA0		1	1 unit	41J

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
OP mushroom pushbuttons									
With rotate-to-unlatch mechanism									
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									
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									
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







T Pushbuttons and Indicator Lights

and Indicators, 22 mm, Metal, Shiny

and Signaling Elements

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Ordering data

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

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
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	B	3SU1052-2BN20-0AA0		1	1 unit	41J
		Green	B	3SU1052-2BN40-0AA0		1	1 unit	41J
		White	B	3SU1052-2BN60-0AA0		1	1 unit	41J
Selector, long black actuator	Momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from left + right	Red	B	3SU1052-2CM20-0AA0		1	1 unit	41J
		Green	B	3SU1052-2CM40-0AA0		1	1 unit	41J
		White	B	3SU1052-2CM60-0AA0		1	1 unit	41J
	Latching, 2x45° (10:30/12/1:30 o'clock)	Red	B	3SU1052-2CL20-0AA0		1	1 unit	41J
		Green	B	3SU1052-2CL40-0AA0		1	1 unit	41J
		White	B	3SU1052-2CL60-0AA0		1	1 unit	41J
	Momentary contact/latching, 2x45° (10/12/2 o'clock), reset from left, latching to the right	Red	B	3SU1052-2CP20-0AA0		1	1 unit	41J
		White	B	3SU1052-2CP60-0AA0		1	1 unit	41J
Latching/momentary contact, 2x45° (10:30/12/1:30 o'clock), reset from right, latching to the left	Red	B	3SU1052-2CN20-0AA0		1	1 unit	41J	
	White	B	3SU1052-2CN60-0AA0		1	1 unit	41J	

T Pushbuttons and Indicator Lights

and Indicators, 22 mm, Metal, Shiny

and Signaling Elements

switches**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	
2 switch positions (O+I)										
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	
	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
	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	
	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		



SIRIUS ACT Pushbuttons and Indicator Lights

Actuators and Indicators, 22 mm, Metal, Shiny

Actuating and Signaling Elements

Key-operated switches

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	
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	
Latching, 2x45° (10:30/12/1:30 o'clock) 	IKON, 360012K1	O	2	B	3SU1050-5XM01-0AA0		1	1 unit	41J	
		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	
		O	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	I+O+II	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	I+O+II	2	B	3SU1050-5PL01-0AA0		1	1 unit
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	



T Pushbuttons and Indicator Lights

and Indicators, 22 mm, Metal, Shiny


and Signaling Elements

Switches / Indicator lights

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
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	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	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	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	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	2	B	3SU1050-5PN51-0AA0		1	1 unit	41J

Ordering data

Version of actuating element	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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

SIRIUS ACT Pushbuttons and Indicator Lights

Actuators and Indicators, Flat, 30 mm, Round, Metal, Matte Actuating and Signaling Elements

Pushbuttons

Ordering data

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








T Pushbuttons and Indicator Lights

and Indicators, Flat, 30 mm, Round, Metal, Matte

and Signaling Elements

ches

Ordering data

Version	Operating principle	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	
2 switch positions (O+I), can be illuminated									
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								
	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	
									

SIRIUS ACT Pushbuttons and Indicator Lights

Actuators and Indicators, Flat, 30 mm, Round, Metal, Matte

Actuating and Signaling Elements

Key-operated switches / Indicator lights

Ordering data

Make of lock	Operating principle	Switch position for key removal	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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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 I	B B	3SU1060-4LF11-0AA0 3SU1060-4LF21-0AA0		1 1	1 unit 1 unit	41J 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
--	---	-----	---	---------------------------	--	---	--------	-----



Ordering data

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

T Pushbuttons and Indicator Lights and Indicators, Customized Designs

For key-operated switches

metal key-operated switches of type RONIS, IKON can be optionally ordered with additional

"", the order code **"Y01"** and the required lock code added to the Article No. of the relevant switch for standard locking.

	Y01
Lead time	25 working days
Order unit	On request
	3SU1000-5BF01-0AA0-Z
	Y01
	Z = SSG18

For special locks, an additional price applies.

Code **"Y01"** must be quoted in accordance with the rules. Automated processing of the order with a lead time can be guaranteed only for correctly placed orders.

In situations in which access security is important and key numbers are used, we recommend the use of key-operated switches.

Switches for VW (E1, E2, ...) will be delivered without keys, in 2 keys.

The special locks SB31, 421 and 455 are

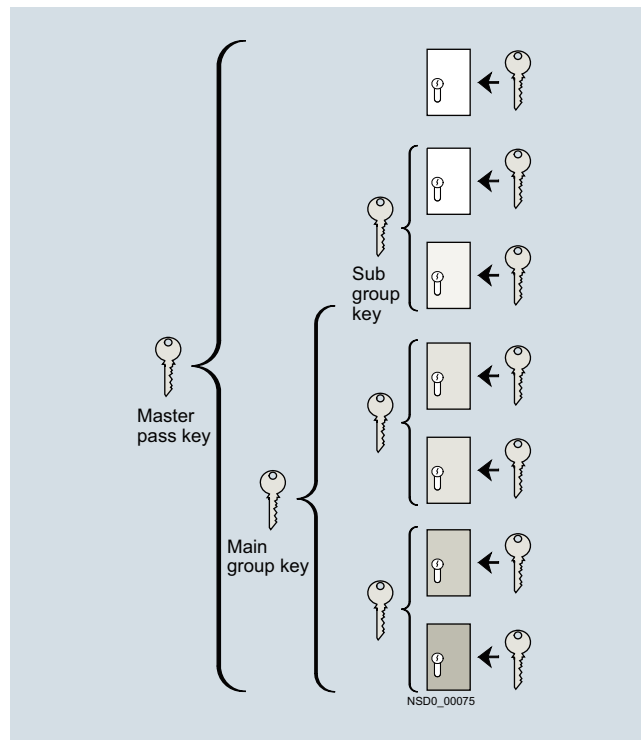
Master and master-pass key systems

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

Laser inscriptions

Actuating and signaling elements

signaling elements of plastic as well as metal optionally inscribed with a laser.



inscription

f the pushbuttons, illuminated pushbuttons, twin mushroom pushbuttons, illuminated mushroom EMERGENCY STOP buttons, the lenses of the and the acoustic signaling devices can all be

es, key-operated switches, toggle switches, ches, potentiometers and selectors can be in- they are made of plastic (only one text line on the

of 4 mm is used as standard for text inscriptions. sed is Arial. Other letter heights and typefaces ut must be specified when ordering.

ossible number of characters per line is:

s for one line of text

for 2 lines of text

for 3 lines of text, but 10 characters in the middle

uttons and twin pushbuttons can be supplied as nscribed 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

T Pushbuttons and Indicator Lights

out module

of plastic can only be attached to actuators and
e of plastic (3SU100) or plastic with metal front

can be attached to all versions of actuators and
al holders are automatically grounded by their
y, but a grounding stud can also be fitted.


Ordering data

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

SIRIUS ACT Pushbuttons and Indicator Lights Holders

Holders with module

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		

Plastic version


With contact module

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 module¹⁾ (6 ... 24 V AC/DC)

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
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
			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) 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		

Metal version

With contact module


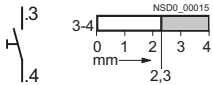
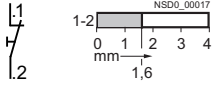
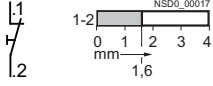
1	1	0	B	3SU1550-1AA10-1BA0	1	1 unit	41J
	0	1	B	3SU1550-1AA10-1CA0	1	1 unit	41J

3SU1400 Pushbuttons and Indicator Lights

Actuators and Indicators

Rules

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		
for front plate mounting								
Silver alloy	1	0	No		3SU1400-1AA10-1BA0	1	1 unit	41J
	0	1	Yes		3SU1400-1AA10-1CA0	1	1 unit	41J
BA0	0	1 with installation monitoring ¹⁾	Yes		3SU1400-1AA10-1HA0	1	1 unit	41J

HA0
 opens automatically upon disconnection of the actuator.
 contact is open (= safe state).
 C contacts on the non-actuated commanding device are
 face upon first-time actuation after the contact block is
 the actuator.
 mounting in 3SU18 enclosure.

Pushbuttons and Indicator Lights

Actuators and Indicators




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		
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

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		
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
AAO							
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
3AAO							
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
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		
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

Pushbuttons and Indicator Lights

Actuators and Indicators

modules

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		
Modules for front plate mounting								
2 F-DI	--	2	--	B	3SU1400-1EA10-2AA0	1	1 unit	41J
2 F-DI + 1 LED	--	2	--	B	3SU1401-1EE20-2AA0	1	1 unit	41J
2 F-DI + 1 DO	--	2	1	B	3SU1400-1EC10-2AA0	1	1 unit	41J
					Insulation piercing method			
2 F-DI	--	2	--	B	3SU1400-1EA10-4AA0	1	1 unit	41J
2 F-DI + 1 LED	--	2	--	B	3SU1401-1EE20-4AA0	1	1 unit	41J

SIRIUS ACT Pushbuttons and Indicator Lights


Modules for Actuators and Indicators

Electronic modules for ID key-operated switches

Specifications

		3SU1400-1GC10-1AA0	3SU1400-1GD10-1AA0
Supported by IO-Link protocol		No	Yes
		Group ID 24 V DC	IO-Link 24 V DC
Transfer rate		--	COM2 (38.4 kBaud)
Transfer time between the master and the IO-Link device minimum	ms	--	10
Transfer supply via IO-Link master		--	3
Area of the inputs with cyclic transfer total	bytes	--	2
Area of the outputs with cyclic transfer total	bytes	--	0
Number of contacts		5	5
Rated voltage	V	800	
Rated current	V	30	
		3	
Supply voltage		DC	DC
Rated voltage	V	24	
	V	18 ... 30	
Rated maximum current	mA	49	
Operating temperature	°C	-25 ... +70	
	°C	-40 ... +80	
Protection		IP20	
Protection against electric shock		Finger-safe	
Terminal connection		Screw terminals 	
Conductor cross-section for auxiliary contacts	mm²	0.2 ... 2.5	
Conductor cross-section for auxiliary contacts	mm²	0.2 ... 0.75	
Conductor cross-section for auxiliary contacts	mm²	0.25 ... 1.5	
Conductor cross-section for auxiliary contacts	mm²	0.2 ... 2.5	
Rated conductor cross-section		26 ... 14	
Rated torque	Nm	0.4 ... 0.8	

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		
--	No	5	--	B	3SU1400-1GC10-1AA0		1	1 unit 41J

ACT Pushbuttons and Indicator Lights



Standard fittings

SIEMENS ACT pushbuttons and indicator lights are used as standard fittings in separately allocated command cabinets. The devices are suitable for use in

according to EN 60947-5-1

Pushbuttons and indicator lights are available with standard fittings as well as for connection to AS-Interface. Various versions are available:

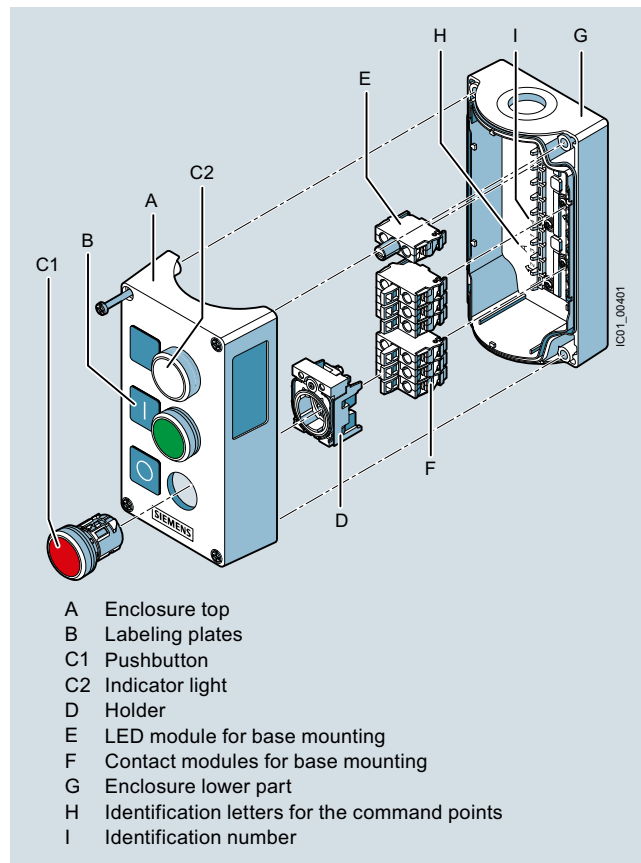
Enclosures with 1 to 6 command points (the installed components must be ordered separately; use modules for connection)

Enclosures with standard fittings with 1 to 3 command points, including EMERGENCY STOP enclosure with EMERGENCY STOP pushbutton

Enclosures with customized fittings with 1 to 6 command

Enclosures

Enclosures with standard fittings



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.

SIRIUS ACT Pushbuttons and Indicator Lights Enclosures

Empty enclosures

Ordering data

Color of enclosure top	Number of command points	Enclosure version	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
------------------------	--------------------------	-------------------	----	-------------	--------------	-------------------	-----	----

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
Gray	1	With recess for labeling plate	A	3SU1801-0AA00-0AB1		1	1 unit	41J
		With recess for labeling plate	A	3SU1802-0AA00-0AB1		1	1 unit	41J
		With recess for labeling plate	A	3SU1803-0AA00-0AB1		1	1 unit	41J
		With recess for labeling plate	A	3SU1804-0AA00-0AB1		1	1 unit	41J
		With recess for labeling plate	A	3SU1806-0AA00-0AB1		1	1 unit	41J

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
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
		With recess for labeling plate	A	3SU1852-0AA00-0AB1		1	1 unit	41J
		With recess for labeling plate	A	3SU1853-0AA00-0AB1		1	1 unit	41J
		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

Pushbuttons and Indicator Lights

Pushbuttons and indicator lights in the enclosure

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

1 or 2 command points

Rated voltage up to 400 V

Various lighting types

Plastic enclosures are equipped with plastic actuators and metal enclosures are equipped with metal actuators

LED modules and LED modules for base mounting (can be inserted into the enclosure base); screw terminals as well as versions also with spring-type terminals

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
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



2AA2



2AC2

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:		DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	
				NC contacts	NO contacts							
standard fittings												
Plastic version												
Gray	1	With recess for labeling plate A = pushbutton	Green A = I	0	1	B	3SU1801-0AB00-2AB1		1	1 unit	41J	
			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	
AB1	2	With recess for labeling plate A = pushbutton / B = pushbutton	A = red B = green	1	1	B	3SU1802-0AB00-2AB1		1	1 unit	41J	
			A = O / B = I									
AB1	2	With recess for labeling plate A = pushbutton / B = pushbutton	A = black / B = black	1	1	B	3SU1802-0AC00-2AB1		1	1 unit	41J	
			A = O / B = I									
AB1	3	With recess for labeling plate A = pushbutton / B = pushbutton / C = indicator light	A = red / B = green / C = clear	1	1	B	3SU1803-0AB00-2AB1		1	1 unit	41J	
			A = O / B = I / C = "without inscription"									
			A = black / B = white / C = clear	1	1	B	3SU1803-0AC00-2AB1		1	1 unit	41J	
AB1	3	With recess for labeling plate A = pushbutton / B = pushbutton / C = pushbutton	A = O / B = I / C = "without inscription"									
			A = red / B = black / C = black	1	2	B	3SU1803-0AD00-2AB1		1	1 unit	41J	
AB1	3	With recess for labeling plate A = pushbutton / B = pushbutton / C = pushbutton	A = O / B = I / C = "without inscription"									
			A = red / B = black / C = black	1	2	B	3SU1803-0AD00-2AB1		1	1 unit	41J	
AB1	3	With recess for labeling plate A = pushbutton / B = pushbutton / C = pushbutton	A = O / B = I / C = "without inscription"									
			A = red / B = black / C = black	1	2	B	3SU1803-0AD00-2AB1		1	1 unit	41J	

T Pushbuttons and Indicator Lights

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
standard fittings										
Metal version										
Yellow	1	Center command point A = EMERGENCY STOP mushroom pushbutton	Red	0 1 0 1	B B	3SU1851-0NA00-2AA2 3SU1851-0NB00-2AA2		1 1 unit 1 1 unit		41J 41J
		With protective collar A = EMERGENCY STOP mushroom pushbutton	Red	0 1 0 1 0 1	A B B	3SU1851-0NA00-2AC2 3SU1851-0NB00-2AC2 3SU1851-0ND00-2AC2		1 1 unit 1 1 unit 1 1 unit		41J 41J 41J
Gray	1	With recess for labeling plate A = pushbutton	Green Red White Black	A = I 0 1 A = O 0 1 A = I 0 1 A = O 0 1	B B B B	3SU1851-0AB00-2AB1 3SU1851-0AC00-2AB1 3SU1851-0AD00-2AB1 3SU1851-0AE00-2AB1		1 1 unit 1 1 unit 1 1 unit 1 1 unit		41J 41J 41J 41J
	2	With recess for labeling plate A = pushbutton / B = pushbutton	A = red B = green A = O / B = I A = black / B = white A = O / B = I	1 1 1 1	B B	3SU1852-0AB00-2AB1 3SU1852-0AC00-2AB1		1 1 unit 1 1 unit		41J 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 1 1	B B	3SU1853-0AB00-2AB1 3SU1853-0AD00-2AB1		1 1 unit 1 1 unit		41J 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

SIRIUS ACT Pushbuttons and Indicator Lights Enclosures

Pushbuttons and indicator lights in the enclosure for AS-Interface

In plastic enclosures, distributed SIRIUS ACT pushbutton 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 slaves. You can flexibly modify existing enclosures.



AS-Interface

Enclosure top:

35

3004, for EMERGENCY STOP

Enclosure lower part:

005

AS-Interface slaves

AS-Interface slaves are available for connecting the commanding devices.

Enclosures without EMERGENCY STOP are equipped with 4 digital inputs and 3 digital outputs (4 DI / 3 DO).

Enclosures with EMERGENCY STOP are equipped with 4 digital inputs and 4 digital outputs (4 DI / 4 DO).

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 (2 F-DI), also with LED.

Enclosures with EMERGENCY STOP mushroom pushbuttons are fitted with two NC contact modules (2 F-DI), also with LED.

Table shows the maximum number of slaves

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

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 pushbut-

T Pushbuttons and Indicator Lights

and indicator lights in the enclosure for AS-Interface

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		

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
HB2	Gray	With recess for labeling plate A = pushbutton / B = pushbutton	A = red B = green	B	3SU1802-0AB10-4HB1	1	1 unit	41J
			A = black / B = white A = O / B = I	B	3SU1802-0AC10-4HB1	1	1 unit	41J
HB1	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

HB1



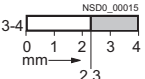


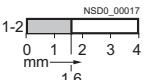
SIRIUS ACT Pushbuttons and Indicator Lights Enclosures

Modules for enclosures

Ordering data



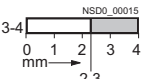


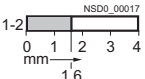
Contact version	Number of NO contacts	Number of NC contacts	Product function positive opening	DT	Screw terminals 	PU (UNIT, SET, M)	PS*	PG
Article No.					Price per PU			

for base mounting


Silver alloy	1	0	No	 1.3  1.4	 A	3SU1400-2AA10-1BA0	1	1 unit	41J
	0	1	Yes	 1.1  1.2	 A	3SU1400-2AA10-1CA0	1	1 unit	41J

BA0

Spring-type terminals

Silver alloy	1	0	No	 1.3  1.4	 B	3SU1400-2AA10-3BA0	1	1 unit	41J
	0	1	Yes	 1.1  1.2	 B	3SU1400-2AA10-3CA0	1	1 unit	41J

BA0

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


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



AA0

Pushbuttons and Indicator Lights

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		
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

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		
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

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			
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
Modules for base mounting										
24 V	Freely programmable (default 6DI/2DO)	0-8	0	0-8	B	3SU1400-2HL10-6AA0		1	1 unit	41J



AA0



AA0

T Pushbuttons and Indicator Lights

Operation consoles

Operation consoles are pre-equipped with components. In the case of plastic enclosures the components 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.

Equipment comprises:

Two mushroom pushbuttons, Ø 40 mm, 1 NO + 1 NC

EMERGENCY STOP mushroom pushbutton according to EN 60947-2, Ø 40 mm, with positive latching, 2 NC

The console can be retrofitted with up to 8 customized pushbuttons. The surface of the console has premachined holes 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.

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
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 = black / B = red / C = black	2	4	B	3SU1803-3NB00-1AE1		1	1 unit	41J
A = pull-to-unlatch mechanism / B = rotate-to-unlatch mechanism / C = pull-to-unlatch mechanism									
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 = black / B = red / C = black	2	4	B	3SU1853-3NB00-1AA1		1	1 unit	41J
A = pull-to-unlatch mechanism / B = rotate-to-unlatch mechanism / C = pull-to-unlatch mechanism		2	4	B	3SU1853-3NB00-1AD1		1	1 unit	41J

SIRIUS ACT Pushbuttons and Indicator Lights

Accessories

Labels

Insert labels

Inserted for identification purposes in pushbuttons and illuminated pushbuttons with a flat button. Labels are made of semi-transparent plastic with a thickness of 0.5 mm; they can be fitted in any 90° angle.

Text is in upper/lower case, all words begin with capital letters. Graphic symbols, including those not listed here, are according to ISO 7000 or IEC 60417.
























Labels without inscription are suitable for user marking with a ballpoint pen.

For more information, see "Options" on page 13/97.

Ordering data

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

T Pushbuttons and Indicator Lights

Color	Marking	Symbol No.	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG		
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 I II III	5008 IEC	A	3SU1900-0AB71-0QA0		100	10 units	41J		
		5007 IEC	A	3SU1900-0AB71-0QB0		100	10 units	41J		
		--	B	3SU1900-0AB71-0QC0		100	10 units	41J		
		--	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
			COUNTERCLOCKWISE 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		

SIRIUS ACT Pushbuttons and Indicator Lights

Accessories

Labels

Insert labels

Inscriptions

Labels can be inscribed with text and symbols not listed in the catalog.

A letter height of 4 mm (for a single line of text) or 6 mm (for three lines of text) is used for text inscriptions.

The font used is Arial. Other letter heights and typefaces must be specified when ordering.

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

10 characters for one line of text

15 characters for 2 lines of text

20 characters for 3 lines of text, but 10 characters in the middle line

Customized inscription



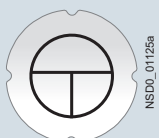
Symbol No. 0122a: inscription in upper/lower case lettering (Q0Y)



Symbol No. 0121a: inscription in upper case lettering (Q1Y)



Symbol No. 0121a: inscription in lower case letters (Q2Y)



Symbol No. 1125a: symbol No. 5011 according to IEC 60417 (Q3Y)

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:

T Pushbuttons and Indicator Lights

for labeling plates

Ordering data

Label holder shape	Label holder color	Label fastening method	Labeling plate size		DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
			Height	Width						
			mm	mm						
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
AAA0										
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	
AAA0										
labeling plates for coordinate switches										
With square bottom	Black	Self-adhesive	27	27	A	3SU1900-0AL10-0AA0	1	1 unit	41J	
AAA0										
Cross	Black	Self-adhesive	27	27	B	3SU1900-0AM10-0AA0	1	1 unit	41J	
AAA0										
labeling plates for twin pushbuttons										
Rectangular	Black	Self-adhesive	12.5	27	A	3SU1900-0AK10-0AA0	100	10 units	41J	

SIRIUS ACT Pushbuttons and Indicator Lights

Accessories

Labels

Labeling plates

Labeling plates consist of a black molded-plastic label and a labeling plate (black with white print or silver-black print) for sticking or snapping in place. They are used for EMERGENCY STOP buttons. Note mounting instructions.

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

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

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

For more information, see "Options" on page 13/105.

Ordering data

Color	Marking	Symbol No.	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
2.5 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 O 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


T Pushbuttons and Indicator Lights

es

2.5 mm x 27 mm

Color	Marking	Symbol No.	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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	
	Default	--	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	

QGO

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	
2.5 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

T Pushbuttons and Indicator Lights

es

7.5 mm x 27 mm



Color	Marking	Symbol No.	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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
	Default	--	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

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
7.5 mm x 27 mm								
For self-inscription								
Silver/Black (label/lettering)	None	--	A	3SU1900-0AD81-0AA0		100	10 units	41J
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
	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
	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
	I O 2	--	B	3SU1900-0AD81-0QL0		100	10 units	41J
	 ARROW DIRECTION TO RIGHT	5022 IEC	B	3SU1900-0AD81-0QR0		100	10 units	41J
	 ARROW DIRECTION UP	--	B	3SU1900-0AD81-0QS0		100	10 units	41J

T Pushbuttons and Indicator Lights

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Color	Marking	Symbol No.	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
7 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

AA0

AA0

AD0

DK0

SIRIUS ACT Pushbuttons and Indicator Lights

Accessories

Labels

Labeling plates

Inscriptions

Labels can be inscribed with text and symbols not listed in the table.

Letter heights are used as standard for text inscriptions.

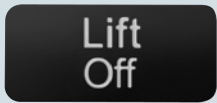
25 mm × 27 mm: 3 lines with letter height 4 mm (2-line) or 2.5 mm (3-line)

37.5 mm × 27 mm: 3 lines with letter height 4 mm or 3 mm (3-line)

50 mm × 27 mm: 5 lines with letter height 4 mm

Up to 16 characters per line are possible. The typeface used is Helvetica. Letter heights and typefaces are possible, but must be specified when ordering.

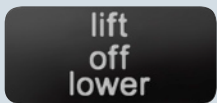
Customized inscription



Labeling plate with 2 lines of text in upper/lower case lettering (Q0Y)



Labeling plate with 1 line of text in upper case lettering (Q1Y)



Labeling plate with 3 lines of text in lower case letters (Q2Y)



Labeling plate with symbol No. 5011 according to IEC 60417 (Q3Y)



Labeling plate with symbol No. 5011 according to IEC 60417 (Q4Y)

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, JPEG, 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

T Pushbuttons and Indicator Lights

es for enclosures

ates in size 22 mm x 22 mm can be attached to cutouts for labels. There are versions in black 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, see "Options" on page 13/109.

Ordering data







Color	Marking	Symbol No.	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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

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	
2 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		
	Default	--	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		--	B	3SU1900-0AF16-0QP0		1 10 units	41J		
(one below the other) II O I		--	B	3SU1900-0AF16-0QQ0		1 10 units	41J		
(one below the other)									
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		

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Color	Marking	Symbol No.	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
2 mm x 22 mm								
For self-inscription								
Silver/Black (label/lettering)	None	--	A	3SU1900-0AF81-0AA0		100	10 units	41J
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
	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
	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
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

SIRIUS ACT Pushbuttons and Indicator Lights

Accessories

Labels

Labeling plates for enclosures

Descriptions

Labels can be inscribed with texts and symbols not listed in the catalog.

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

Up to 30 characters per line are possible. The typeface used is Helvetica. Other font heights and typefaces are possible, but must be ordered when ordering.

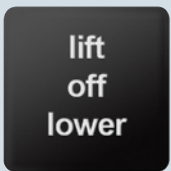
Customized inscription



Label with two lines of text in upper/lower case lettering (Q0Y)



Label with one line of text in upper case lettering (Q1Y)



Label with three lines of text in lower case lettering for enclosures, customized inscription (Q2Y)



Label with symbol No. 5011 according to IEC 60417 (Q3Y)

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

T Pushbuttons and Indicator Lights

er printers

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Label Designer software, which can be downloaded from the Siemens website, and the labeling plates for laser inscription you can use to create your own customized labels with a standard laser printer. Self-adhesive or snap-on labels can be stuck or inserted into the corresponding label holders. Round labels can be used for inserting in illuminated pushbuttons and indicator lights.

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

Ordering data

Fastening method	Height mm	Width mm	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Insert labels								
Insert	--	--	B	3SU1900-0BH60-0AA0		100	480 units	41J
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

SIRIUS ACT Pushbuttons and Indicator Lights

Accessories

Labels

Other labels

Ordering data

Color	Fastening method	Outer diameter mm	Marking	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
OP 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
OP 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
			OP 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

Color	Label fastening method	Height mm	Width mm	Marking	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
OP 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

Pushbuttons and Indicator Lights

Access protection

Ordering data

Product version	Material	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
Sealable caps	Plastic	Black	B	3SU1900-0DA10-0AA0		1	1 unit	41J
		Clear	B	3SU1900-0DA70-0AA0		1	1 unit	41J
Sealable caps for pushbuttons	Plastic	Black	B	3SU1900-0EL10-0AA0		1	1 unit	41J
		Clear	B	3SU1900-0EL70-0AA0		1	1 unit	41J
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
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
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
Silicone protective caps for mushroom pushbuttons 40 mm	Plastic	Clear	B	3SU1900-0DE70-0AA0		1	1 unit	41J
Silicone-free protective caps	Plastic	Clear	B	3SU1900-0EG70-0AA0		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
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
Dust caps for key-operated switches	Plastic	Black	B	3SU1900-0EB10-0AA0		1	1 unit	41J
Sun collars	Plastic	Black	B	3SU1900-0DJ10-0AA0		1	1 unit	41J
360° protective collars for pushbuttons and selectors, short	Plastic	Black	B	3SU1900-0DW10-0AA0		1	1 unit	41J

Emergency Stop Pushbuttons and Indicator Lights

Emergency stop protection

Product version	Material	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
360° protective collars for pushbuttons, visibility from the side	Metal	Silver	B	3SU1950-0DK80-0AA0		1	1 unit	41J
360° protective collars for mushroom pushbuttons 40 mm, visibility from the side	Metal	Silver	B	3SU1950-0DL80-0AA0		1	1 unit	41J
Protective collars for EMERGENCY STOP	Plastic	Yellow	A	3SU1900-0DY30-0AA0		1	1 unit	41J
		Silver	B	3SU1900-0DY80-0AA0		1	1 unit	41J
Protective collars for padlocks	Metal	Yellow	B	3SU1950-0DX30-0AA0		1	1 unit	41J
		Silver	B	3SU1950-0DX80-0AA0		1	1 unit	41J
360° protective collars for EMERGENCY STOP, SEMI-Industry	Plastic	Yellow	B	3SU1900-0EA30-0AA0		1	1 unit	41J
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 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
Locking devices for selectors short/long actuator, in the left position	Metal	Silver	B	3SU1950-0DQ80-0AA0		1	1 unit	41J
Locking devices for selectors short/long actuator, in the center position	Metal	Silver	B	3SU1950-0DR80-0AA0		1	1 unit	41J
Locking devices for selectors short/long actuator, in the right position	Metal	Silver	B	3SU1950-0DS80-0AA0		1	1 unit	41J
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
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

Pushbuttons and Indicator Lights

Ordering data

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

g is mounted with a holder.
already be mounted on the holder.

Material	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
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
	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
	Clear	A	3SU1901-0FT70-0AA0		100	10 units	41J
	For pushbuttons						
Plastic	Black	B	3SU1900-0FS10-0AA0		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	
Metal	SB30 455	--	Silver	A	3SU1950-0FB80-0AA0		1	1 unit	41J	
				B	3SU1950-0FC80-0AA0		1	1 unit	41J	
0AA0										
Metal	S1	--	Silver	B	3SU1950-0FD80-0AA0		1	1 unit	41J	
0AA0										
Metal	73038 73037 73034 73033	--	Blue	B	3SU1950-0FJ50-0AA0		1	1 unit	41J	
			Red	B	3SU1950-0FK20-0AA0		1	1 unit	41J	
			Black	B	3SU1950-0FL10-0AA0		1	1 unit	41J	
			Yellow	B	3SU1950-0FM30-0AA0		1	1 unit	41J	
0AA0										
Metal	LSG1 SSG10 VL5	--	Silver	B	3SU1950-0FN80-0AA0		1	1 unit	41J	
				A	3SU1950-0FP80-0AA0		1	1 unit	41J	
				B	3SU1950-0FQ80-0AA0		1	1 unit	41J	
0AA0										
Metal	360012K1	--	Silver	B	3SU1950-0FR80-0AA0		1	1 unit	41J	
AA0										
individual	Plastic	--	Individually	White	X	3SU1900-0FU60-0AA0		1	1 unit	41J

T Pushbuttons and Indicator Lights

Ordering data

Product version	Material	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
 Metric M20 cable glands for enclosures	Plastic	Black	A	3SU1900-0HG10-0AA0		1	1 unit	41J
			B	3SU1900-0HH10-0AA0		1	1 unit	41J
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
			B	3SU1900-0HH10-0AA1		1	1 unit	41J
For plastic enclosures								
 M20/M20 connection pieces for connecting 2 enclosures	Plastic	Black	B	3SU1900-0HJ10-0AA0		1	1 unit	41J
			B	3SU1900-0HK10-0AA0		1	1 unit	41J
			B	3SU1900-0HL10-0AA0		1	1 unit	41J
For metal enclosures								
 M20/M20 connection pieces for connecting 2 enclosures	Metal	Silver	B	3SU1950-0HJ10-0AA0		1	1 unit	41J
			B	3SU1950-0HK10-0AA0		1	1 unit	41J
			B	3SU1950-0HL10-0AA0		1	1 unit	41J

Pushbuttons and Indicator Lights

Accessories

Ordering data

Product version	Material	Color	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
PCB carriers	Plastic	Black	A	3SU1900-0KA10-0AA0		1 10 units		41J
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
Drilling template for 30 x 40 grid, horizontal	Plastic	Black	B	3SU1900-0KF10-0AA0		1 1 unit		41J
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
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



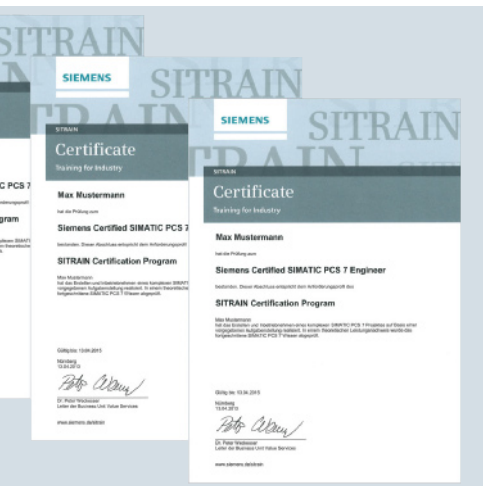
16/2	Siemens Industry Training
16/3	Ordering notes
16/6	Standards and approvals
16/13	Quality management
	Online services
16/14	Information and ordering in the Internet and on DVD
16/15	Information and Download Center, Social media, Mobile media
16/16	Subject index
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16/19	Conditions of sale and delivery

Industry Training

More applicable know-how: Training from the manufacturer

Industry Training provides you with comprehensive training for your tasks.

As a market leader in the industry enables you to make confident decisions with confidence. Especially where the efficient use of products and plants are concerned. We can eliminate deficiencies in existing plants, and avoid costly faulty planning right from the beginning.



Know-how directly pays for itself: In shorter startup times, quality end products, faster troubleshooting and repairs. In other words, increased profits and lower costs.

Training with Siemens Industry Training

- Training for startup, maintenance and servicing
- Production operations
- Configuration and startup
- Reduction of plant downtimes
- Adaptation to market requirements
- Training with quality standards in production
- Increase in employee satisfaction and motivation
- Reduction of commissioning times following changes in technology

Find us on the Internet at:

www.siemens.com/sitrain

or contact us personally.

Industry Training Customer Support Germany:

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 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.



Appendix

Ordering notes

What you should know about Catalog News IC 10 N

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

Lead times (DT)

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.

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

Packaging (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.

3SU1100-0AB30-1FA0

DT: 3 or 5 working days
PG: 41J
Order quantity 1 unit 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

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

All dimensions in mm.

C 10 N you will find the symbols and listed alongside.

in conjunction with an orange mark and highlight special selection

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

delivery service, communications and environment, our logistics service ensures "quality from the beginning right through to delivery". By designing our processes according to customer requirements and implementing efficient order processing, we have successfully optimized our logistics processes.

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

As part of our personal consulting service, on-time delivery is guaranteed for day transport within Germany.

As a result, we supply the preferred types marked with the symbol.

Our ISO 9001 certification and consistent quality are an integral part of our services.

Our order processing is fast, cost-efficient and error-free. 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.

Approvals

Approvals/certificates, characteristic curves

the certificates available for Industrial Control with more technical documentation can be found on the Internet at:

www.siemens.com/sirius/approvals

Title	Date
Certificates General Product Approval, Manufacturer declaration, Manufacturer Manufacturers Declaration, 3141 for products: 3RR24 more>>	2012-12-03 ID: 06544361
Certificates General Product Approval, Manufacturer declaration, Manufacturer Manufacturers Declaration, 3142 for products: 3RR24 more>>	2012-12-03 ID: 06584371
Certificates Test Certificates, Special Test Certificate, Manufacturer Test Certificate, 2988 for products: 3RV2 more>>	2012-11-30 ID: 44011423
Certificates General Product Approval, UL, UL Certificate of Compliance, 20120926-E148698 for products: 8W053+214344 more>>	2012-11-30 ID: 9733479
Certificates General Product Approval, CCC, CQC 2009010305329583 for products: 3KR31 more>>	2012-11-28 ID: 41429771
Certificates Declaration of Conformity, Manufacturer Low Voltage, EMC Directive, 2492 for products: 3RS10, 3RS11, 3RS20, 3RS21 more>>	2012-11-28 ID: 8022127
Certificates Declaration of Conformity, Manufacturer 2851 for products: 3RV106, 3RV136, 3RV19 more>>	2012-11-28 ID: 28043676
Certificates Declaration of Conformity, Manufacturer 2852 for products: 3RV107, 3RV137, 3RV19 more>>	2012-11-28 ID: 28044029
Certificates Declaration of Conformity, EC-Declaration of Conformity, 2852	2012-11-28

Approvals/certificates

Title	Date
Characteristics Tripping Characteristics, A5E02567348A [983 KB] (I-characteristic 0.7 - 1.00 A for products: 3RA211-0J15 more>>	2012-04-23 ID: 38738044
Characteristics Tripping Characteristics, NEP560097002000DS02 [934 KB], english Overload tripping class 20E 0.1 - 0.4 A for products: 3RA6120-0AB30, 3RA6120-0AE30, 3RA6120-0AP30; more>>	2008-05-06 ID: 29219949
Characteristics Tripping Characteristics, NEP_560096502000DS02 [938 KB], english Overload tripping class 10E 0.1 - 0.4 A for products: 3RA6120-0AB30, 3RA6120-0AE30, 3RA6120-0AP30; more>>	2008-05-06 ID: 29219813
Characteristics Tripping Characteristics, NEP5600971000DS01 [933 KB], english Overload tripping class 20E 0.32 - 1.25 A for products: 3RA6120-0BB30, 3RA6120-0BE30, 3RA6120-0BP30; more>>	2008-05-06 ID: 29219960
Characteristics Tripping Characteristics, NEP560096602000DS02 [930 KB]	2008-05-06

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.

Definitions

$\lambda(t) dt$ 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 repairable components.

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

Appendix

Standards and approvals

for devices subject to wear is expressed in operating cycles:

number of operating cycles after which 10 % of the test item will fail in the course of an endurance test (or: the number of operating cycles after which 10 % of the devices have failed).

Failure rates (mainly in the process industry), the B10 value is used to determine the failure rate.

Failure rates at a high demand rate

Based on the B10 value and a simplified formula (see clause 1 of EN 62061), the user can then calculate the failure rate of an electromechanical component:

Operating cycles per hour. C is specified by the user.

The failure rate is made up of safe (λ_S) and dangerous (λ_D) failure rates.

Dangerous failures in %] x λ

Safe failures in %] x λ

Share of the dangerous failures λ_D of the components for further calculations.

The following table are the standard B10 values and the failure rates for SIRIUS product groups at a high demand rate.

Failure rates (at a high demand rate)

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

Under the conditions specified in the technical specifications.

The failure rate used in EN ISO 13849-1:2008 is determined as follows:

$\lambda_D = \frac{\lambda_{D, B10}}{B10}$

Example

A door is monitored by a position switch with a failure rate of 10 FIT.

The door is opened 4 times an hour.

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.

d approvals

EN	Title
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	• 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	• Control circuit devices and switching elements - Electromechanical control circuit devices • Control circuit devices and switching elements - Proximity switches • Control circuit devices and switching elements - Requirements for proximity devices with defined behaviour under fault conditions (PDDB)
60947-5-5 60947-5-6 60947-5-7 60947-5-8 60947-5-9	• 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	• 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 --	• 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	• Control units for built-in thermal protection (PTC) for rotating electrical machines
50295	• Actuator sensor interface (AS-i)
60269-1 60269-4 --	Low-voltage fuses: General requirements Low-voltage fuses: Supplementary requirements for fuse-links for the protection of semiconductor devices International Electrotechnical Vocabulary. Switchgear, controlgear and fuses
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	Insulation coordination for electrical equipment in low-voltage systems: Principles, requirements and tests
60204-1 50178 60079-14 60079-2	Safety of machinery – Electrical equipment of machines: General requirements 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	Electromechanical elementary relays: General requirements Time relays for industrial and residential use: Requirements and tests
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 61000-6-2 61000-6-3 61000-6-4 61869-1 61869-2	Electromagnetic compatibility (EMC): Testing and measuring techniques - Overview of IEC 61000-4 series 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 Instrument transformers: General requirements Instrument transformers: Additional requirements for current transformers

Appendix

Standards and approvals

C22.2	ASME	JIS	Title
	--	--	Industrial control equipment
60947-1	--	--	Low-voltage switchgear and controlgear - Part 1: General rules
60947-4-1	--	--	Low-voltage switchgear and controlgear - Part 4-1: Contactor and motor starters - Electromechanical contactors and motor starters
60947-4-2	--	--	Low-voltage switchgear and controlgear - Part 4-2: Contactors and motor-starters - AC semiconductor motor controllers and starters
60947-5-1	--	--	Low-voltage switchgear and controlgear - Part 5-1: Control circuit devices and switching elements - Electromechanical control circuit devices
5	--	--	Molded case circuit breakers, molded case switches, and circuit breaker enclosures
	--	--	Power units other than CLASS 2
	--	--	Terminal blocks
	--	--	Wire connectors
	--	--	Equipment wiring terminals for use with aluminum and/or copper conductors
	--	--	Enclosures for electrical equipment. Non-environmental considerations
	--	--	Enclosures for electrical equipment - Environmental considerations
14	--	--	Industrial control equipment
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

Requirements valid in different countries

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

Where economically viable, the requirements of the various countries in other countries are also taken into account in the design of the equipment.












Where an approval is required for certain low-voltage switchgear and controlgear components, (see table below). Demanded requirements, these components have to be approved by 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.

Standards, approval identification and approval requirements

	Canada ¹⁾	USA ¹⁾	China	Russia / Belarus / Kazakhstan
Authorized or private, authorized testing bodies	CSA UL (USA)	UL	CQC	Official national regulation / TR
Identification	 c  c  c  US c  US	  c  US c  US		
Approval	+	+	+	+
	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

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".

and approvals

of products which fall within the subject area to
ives apply must identify their products, operating
packaging with a CE mark of conformity.

the CE marking, the manufacturer confirms that the
ms to the relevant basic requirements of all direc-
e to the product. The mark of conformity is a man-
ent for putting products into circulation through-

All the products in this catalog are in conformance with the
relevant specific EC directives and bear the CE mark of
conformity **CE**.

- Low-voltage directive
- EMC directive
- Machinery directive
- Ex protection directive

s in the ALPHA committee of "ALPHA im VDE".

ity of manufacturers and the high quality of prod-
ted by "ALPHA im VDE" by means of supportive
elines for testing equipment according to the
standards.

ific conditions are fulfilled, "ALPHA im VDE" can
ally recognized product certificates if required.
f LOVAG, "ALPHA im VDE" is also working
ng international recognition for declarations of
certificates.

oltage Agreement Group) is a body comprising
pecialists from certification bodies and industry
g together to create a standardized European

List of LOVAG members

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Belgium

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France
Italy

Sweden
Spain



ention

s and approvals from IFA (institute for occupa-
d health of the German social accident insur-
-wiss institute for accident prevention), BG ETEM
association for energy, textiles, electrical goods
ducts) and VDE are available for some devices in
systems. For details, [see the respective product](#)

Appendix

Standards and approvals

certificates for SIRIUS controls

Devices that protect a motor installed in a potentially explosive atmosphere against overloading must comply with specific requirements. These requirements are laid out in the following standards:



Selection box



Description of certificate with view and download option

Identifying markings

All equipment must be marked in accordance with 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.

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

For protection devices that have been constructed in accordance with the above-mentioned standards and which have been certified for conformity from the manufacturer based on a prototype test certificate may be brought into circulation within the European Union.

The management system of the manufacturer is also subject to specific requirements and a "QM certificate" must be obtained from a recognized authority.

of the QM system

Approval for quality assurance production has been granted by DEKRA EXAM GmbH¹⁾ with the number BVS 11 11 of DEKRA EXAM GmbH¹⁾ according to EN ISO 9001:2008.

This is valid for equipment groups I and II and equipment groups 1 and 2: Safety and control devices for electrical

equipment groups U, 3RB, 3UF, 3RN and 3RW motor protection devices. Depending on the corresponding declarations of conformity and prototype test certificates for Category 2D, 2G, and in some cases Category 1 and 2 can be supplied on request.

For more information about conformity and prototype test certificates are available at www.siemens.com/sirius/support for downloading.

For more information about industrial controls for explosion-protected areas at www.siemens.com/sirius/atex.

Approvals

Approvals for the USA and Canada

In Canada, for machine tools and processing machinery, supply lines are laid using rubber insulated in heavy-duty steel piping similar to that used for other systems.



They must be completely watertight and electrically sealed (especially sleeving and elbows). Since they can also be grounded, the cable entries of enclosures must be equipped with heavy-gauge or metric threads must use metal adapters between these threads and the necessary adapters are specified for the accessories; they should be ordered separately and are 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".

UL approvals (for USA and Canada)

Component	Listed Product
Devices approved as modules for "factory wiring", i.e.: Installation in control systems, which are selected, installed, and maintained entirely by trained personnel in factories, workshops or other locations. Operating to the operating conditions.	Devices are identified using the "UL listing mark" on the rating plate e.g. USA:  LISTED XXX IND. CONT. EQ. Canada:  LISTED XXX IND. CONT. EQ. (XXX stands for: UL Code Classification Number)
Devices approved as "listed products", they are also approved as "recognized components".	Devices are approved for "field wiring", i.e.: <ul style="list-style-type: none"> 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.

For more information about UL and CSA, see page 16/9.

Approvals for Russia, Australia and China

Approvals for Russia/Belarus/Kazakhstan



GOST mark (old)

Since 2013 Russia, Kazakhstan and Belarus have been part of the Eurasian Economic Community (Eurasian Customs Union). An EAC approval as replacement for the GOST mark is required for all products that are to be marketed in the customs union must have these approvals.

During the transition period in which the GOST mark will be replaced by the EAC mark 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.

Appendix

Quality management

ement

management system of our "Control Products" of the "Digital Factory" Division complies with the standard EN ISO 9001.

and systems described in this catalog are manufactured and sold under application of a management system according to ISO 9001. 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:

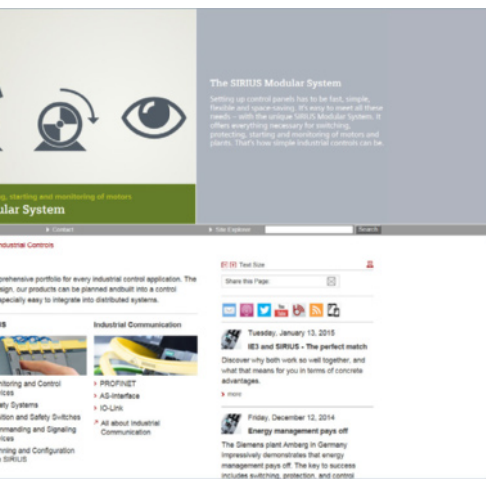
www.siemens.com/system-certificates/cp

System	Certifika	Stand	Location	Language			
Quality Management	ISO 9001	ISO 9001	Amberg	DE, EN, CZ			
			Oran				
			Erlangen				
			Bissen				
			Fach				
			Hannover				
			Kalnsruhe				
			Stuttgart				
			Sulstgen				
			Sulstgen	EN			
Quality Management	ISO 9001	ISO 9001	Cabrnica	EN, PT			
			Guelatiga	EN, ES			
			Hulstgen	EN			
			Kalns	EN			
			Kat	EN			
			Manaus	EN			
			Sao Paulo	EN			
			Sunhou	DE, EN, CN			
			Sante	EN, CN			
			West Chicago	EN			
Quality Management	ISO 9001	ISO 9001	Zurmer	EN			
			Environment Management	ISO 14001	ISO 14001	Amberg	DE, EN, CZ
						Oran	
						Erlangen	
						Bissen	
						Fach	
						Hannover	
						Kalnsruhe	
						Sulstgen	
						Sulstgen	EN
Environment Management	ISO 14001	ISO 14001				Cabrnica	EN, PT
			Guelatiga	EN, ES			
			Kalns	EN			
			Kalnsruhe	DE, EN, FR			
			Kat	EN			
			Sao Paulo	EN			
			Manaus	EN			
			Sulstgen	EN, CN			
			West Chicago	EN			
			Health and Safety	OHSAS 18001	OHSAS 18001	Amberg	DE, EN, CZ
Oran							
Erlangen							
Bissen							
Fach							
Hannover							
Kalnsruhe							
Sulstgen							
Sulstgen	EN						
Health and Safety	OHSAS 18001	OHSAS 18001				Cabrnica	EN, PT
			Datan	EN			

ices

nd ordering in the Internet and on DVD

rols



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

- Overview of the entire product portfolio
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- Operating instructions and manuals for direct download

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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.

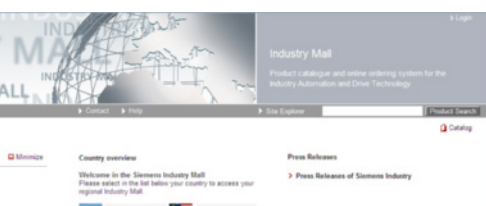
After selecting the product of your choice you can order at the press of a button, by fax or by online link.

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

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g with the Industry Mall



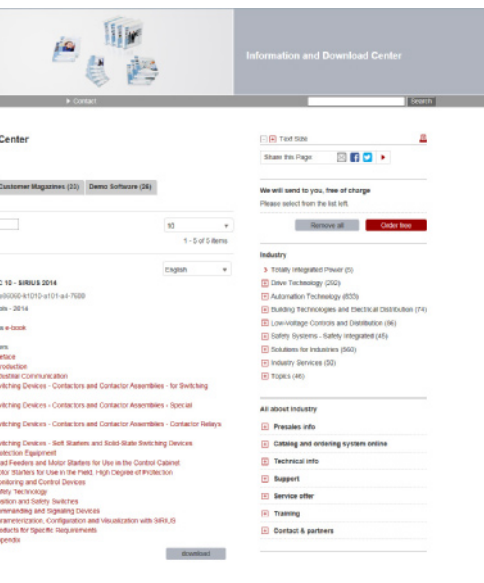
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Data transfer via EDIFACT allows the whole procedure from selection through ordering to tracking and tracing of the order to be carried out. Availability checks, customer-specific discounts and preparation of quotes are also possible.

Appendix Online Services

Information and Download Center, Social Media, Mobile Media

Catalogs

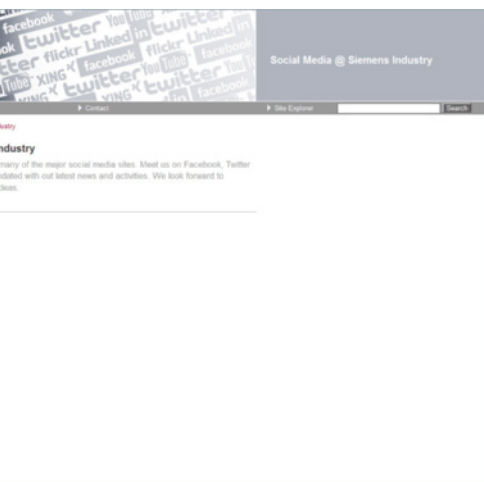


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The filter dialog box above the first catalog displayed makes it possible to carry out targeted searches. If you enter "MD 3" for example, you will find both the MD 30.1 and MD 31.1 catalogs. If you enter "ST 70" both the ST 70 catalog and the associated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

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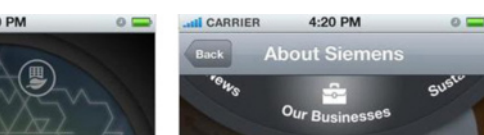
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E

- EMERGENCY STOP mushroom pushbuttons
- 22 mm, metal, shiny 13/56, 13/64
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 - 22 mm, plastic, black 13/18, 13/27
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- Key-operated switches
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 - 22 mm, plastic with metal front ring, matte 13/39, 13/50
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SITOP power supplies 13/7

T

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3. For supplies and services, the "General Conditions for Products and Services of the Electrical and Electronic Industry"¹⁾.

Customers with a seat or registered office outside Germany

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

1. Terms of Payment¹⁾ and,

2. For products, the "General License Conditions for Products for Automation and Drives for Customers with a Registered Office outside of Germany"¹⁾ and,

3. For supplies and/or services, the "General Conditions for Siemens Industry for Customers with a Seat or Registered Office outside of Germany"¹⁾.

Prices in € (Euro) ex point of delivery, exclusive of

value added tax) is not included in the prices. It is added separately at the respective rate according to statutory legal regulations.

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

Price variations for variations in the price of raw materials (e.g. aluminum, lead, gold, dysprosium and neodym), are calculated on a daily basis using the so-called "Basic Price" of products containing these raw materials. A surcharge for the respective raw material is calculated as a percentage of the price of a product if the basic official price of the product in question is exceeded.

The price of a product indicates the basic official price (materials concerned) as of which the surcharges

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", authorization 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 information pertaining to the particular end customer, final disposition 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

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Appendix

Notes

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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

Automation for Industry Catalog on DVD	<i>Catalog</i>	Low-Voltage Power Distribution and Electrical Installation Technology	<i>Catalog</i>
Automation and Drives, Low-Voltage Power and Electrical Installation Technology	CA 01	SETRON · SIVACON · ALPHA Protection, Switching, Measuring and Monitoring Devices, Switchboards and Distribution Systems	LV 10
Control		Standards-Compliant Components for Photovoltaic Plants	LV 11
Positioning Control	ET G1	Electrical Components for the Railway Industry	LV 12
Drives		TÜV-certified Power Monitoring System	LV 14
130 Drive Converter Chassis Units	D 11	3WT Air Circuit Breakers up to 4000 A	LV 35
150 Drive Converter Cabinet Units		3VT Molded Case Circuit Breakers up to 1600 A	LV 36
150, SINAMICS SM150	D 12	<i>Digital: SIVACON System Cubicles, System Lighting and System Air-Conditioning</i>	LV 50
180 Drive Converters		<i>Digital: ALPHA Distribution Systems</i>	LV 51
PERFECT HARMONY GH180	D 15.1	ALPHA FIX Terminal Blocks	LV 52
180 Drive Air-Cooled Drives		SIVACON S4 Power Distribution Boards	LV 56
180 Drive Air-Cooled and Liquid-Cooled	D 18.1	<i>Digital: SIVACON 8PS Busbar Trunking Systems</i>	LV 70
180 Compact Units, Cabinet Systems, Air-Cooled and Liquid-Cooled		<i>Digital: DELTA Switches and Socket Outlets</i>	ET D1
180 20 Chassis Format Units and Modules	D 21.3		
180 150 Converter Cabinet Units		Motion Control	
180 CM DC Converter, Control Module	D 23.1	SINUMERIK & SIMODRIVE Automation Systems for Machine Tools	NC 60
180 CM Cabinet	D 23.2	SINUMERIK & SINAMICS Equipment for Machine Tools	NC 61
180 Converters for Single-Axis Drives and Motors	D 31	SINUMERIK 840D sl Type 1B Equipment for Machine Tools	NC 62
180 120P and SINAMICS G120P Cabinet Compressor converters	D 35	SINUMERIK 808 Equipment for Machine Tools	NC 81.1
180 Induction Motors SIMOTICS HV, Compact	D 84.1	SINUMERIK 828 Equipment for Machine Tools	NC 82
180 Compact PLUS		SIMOTION, SINAMICS S120 & SIMOTICS Equipment for Production Machines	PM 21
180 S Motors Standardline	D 86.1	Drive and Control Components for Cranes	CR 1
180 Motors with Permanent-Magnet HT-direct	D 86.2		
180 S MASTER 6RA70 Digital Chassis	DA 12 DA 21.1	Power Supply	
180 6RA22 Analog Chassis Converters	DA 21.2	Power supply SITOP	KT 10.1
180 REG DC MASTER 6RM70 Digital Converter Cabinet Units	DA 22	Safety Integrated	
180 M Modular Converter Systems	DA 45	Safety Technology for Factory Automation	SI 10
180 Motors	DA 48	SIMATIC HMI/PC-based Automation	
180 ER 420/430/440 Inverters	DA 51.2	Human Machine Interface Systems/ PC-based Automation	ST 80/ ST PC
180 ER 411/COMBIMASTER 411	DA 51.3	SIMATIC Ident	
180 411 universal and POSMO	DA 65.4	Industrial Identification Systems	ID 10
180 <i>Additional catalogs on SIMODRIVE or SINAMICS S120 and SIMOTICS motors with SINUMERIK 840D sl can be found under Motion Control</i>		SIMATIC Industrial Automation Systems	
180 Three-Phase-Motors		Products for Totally Integrated Automation	ST 70
180 Low-Voltage Motors	D 81.1	SIMATIC PCS 7 Process Control System	ST PCS 7
180 Flexible Duty Motors	D 81.8	System components	
180 Voltage Motors	D 83.1	SIMATIC PCS 7 Process Control System	ST PCS 7 T
180 Geared Motors	D 87.1	Technology components	
180 Geared Motors	MD 50.1		

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

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