SIEMENS

SIRIUS ACT – Performance in Action

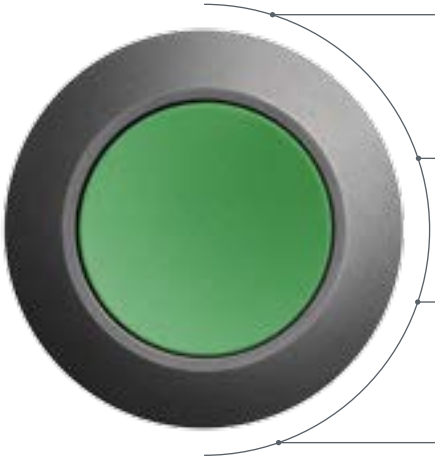
Exquisitely beautiful Push Buttons and Signaling Devices – easy to assemble, ruggedly reliable, simply brilliant

siemens.com/sirius-act

Performance in Action – for Push Buttons & Signaling Devices

Powerful machines need powerful controls. SIRIUS ACT offers you a unique portfolio of elegantly designed push buttons, indicator lights and switches that are the perfect embodiment of style, intelligence, and physical toughness.

Constructed with genuine metal and high-grade plastics, engineered with smart functions and communication capabilities, these new push buttons, indicator lights and switches have been extreme element tested to ensure reliability for your most mission critical operations.



Modern design

Elegant product design and high-quality material – as a distinguishing system design feature.

Easy to use

From configuration to installation, SIRIUS ACT takes the concept of sophistication in simplicity to the next level.

Extremely rugged

Reliable. Especially when things get rough. IP69K is our new standard.

Flexible communication

Whether standard wiring or direct connection to the controller – SIRIUS ACT offers flexibility via AS-i, IO-Link and Profinet.

Modern design

Our Performance in Action promise doesn't just stop at the design. The flat, round metal and plastic elements combine unparalleled functionality with a timelessly esthetic look. Four design lines and diverse options for combining actuator and indicator, material, color, the type of front ring and lighting make the push buttons, indicator lights and switches look like they had been specially designed for your system. Therefore, offering the right answer for every application, taste, and budget.

« Four design lines

The new "metal matte" units also in a flat design.

IP69K is our new Standard - the highest degree of protection »

Even suitable for cleaning with a high-pressure jet at high temperatures.

Rugged reliability

Functionality is preserved not only when dust or water under high pressure are involved, even oils, caustic solutions and extreme environmental influences cannot disrupt reliable operation. Thus, SIRIUS ACT is the perfect solution for a host of applications.

« Direct connections to the controller (PLC)

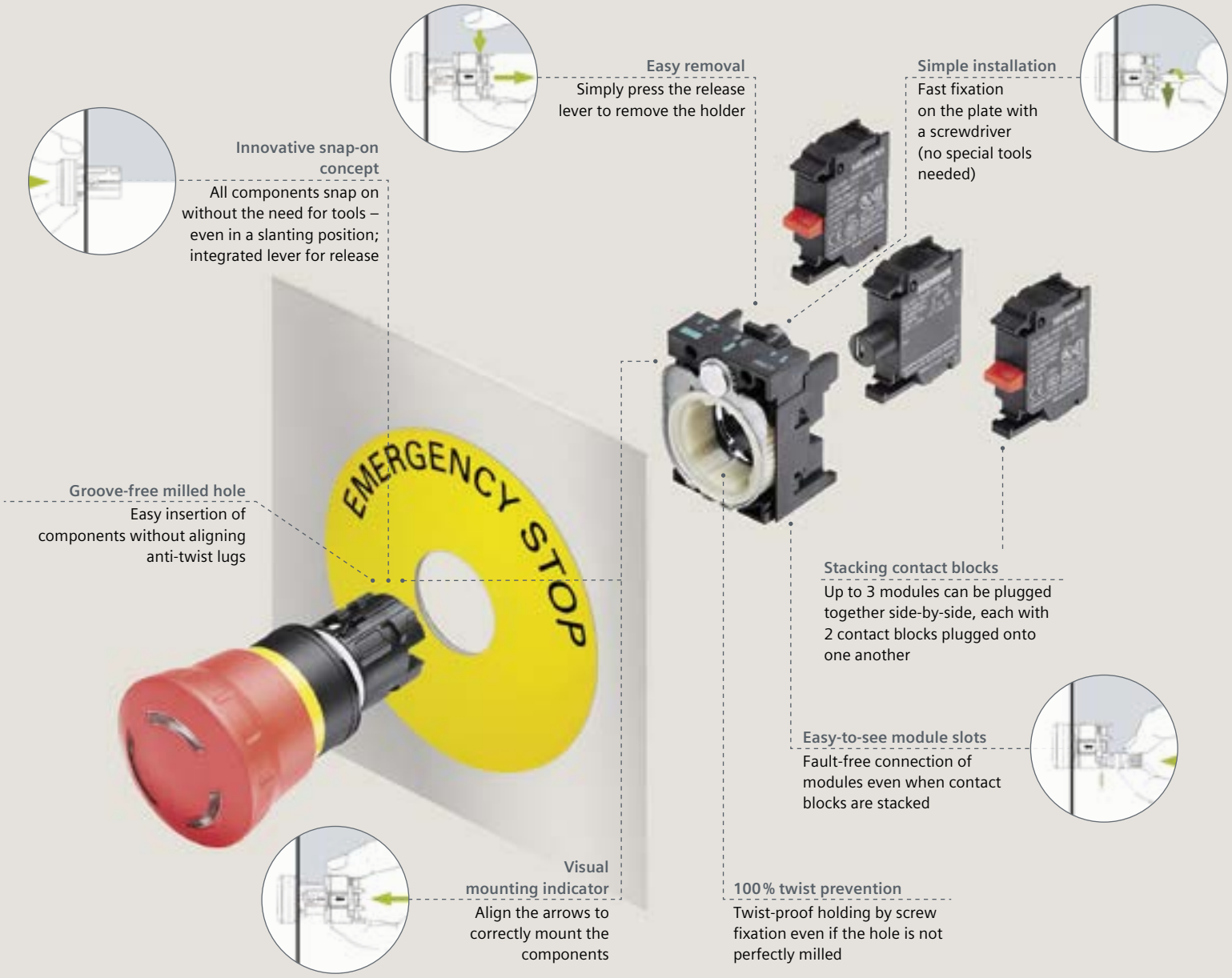
Communication solutions for the field and the control panel

Modular design »

Actuator, holder and contact blocks can be ordered individually and combined freely

Flexible communication, tough and intelligent

When it comes to communication, SIRIUS ACT is a strong performer. Besides the standard wiring, you can also connect these push buttons, indicator lights and switches directly to the controller – in the field via AS-Interface or in the control panel with IO-Link. By doing so, you can reduce wiring time and effort, minimize error source and have more flexibility for future modification and expansions. Interfacing to PROFINET is also just about to become reality for SIRIUS ACT.



Installation has never been easier

Innovative snap-on concept makes the task of installing a unit so effortless that it can be done with one hand. With 100% twist prevention integrated into the holders, SIRIUS ACT can be installed in groove-free milled holes, saving you significant installation time. In addition, visible installation markers and indicators on components further reduce risk of incorrect installation.

Impressive features

Easy to select and use

Intuitive online configurator

- User-friendly drag and drop configuration
- Graphical preview of selection
- Easy identification of a customer-specific configuration by CIN order number

One-handed installation without special tools

- Components can be snapped on without having to hold the other side
- Installation also possible in a slanted position

Twisting prevented by screw fixation

- Simple round milled holes without a groove
- Significant time saving compared to ring nut fastening

Modular concept

- Actuator, holder, contact blocks and LED modules can be ordered individually and combined freely
- Contact blocks can be stacked onto one another

Reduced ordering and storage complexity

- Illuminated/non-illuminated selector switch can be used (one part number only)
- Top-selling models can also be ordered as complete, compact units (electrical parts permanently connected)

Rugged in use

Highest degree of protection (IP69K) throughout

- Media resistance (chemicals) thanks to solid stainless steel and high-grade plastics
- High reliability for fail-safe operation
- Long service life
- Extended industrial application in harsh environments
- Suitable for outdoor use

LED light sources

- Reduced energy consumption
- Long service life
- Low maintenance costs
- Different LED colors for individual color scheme

Secure attachment even under extreme stress

- High reliability for fail-safe operation
- Low maintenance costs
- Permanent twist prevention

ATEX certification (optional)

- Can be used in hazardous areas

Extensive portfolio

Broad product range

- State-of-the-art functions such as ID key-operated switches, sensor switches, potentiometers, etc.
- Customized variants, such as special tumbler arrangements, labeling, equipped enclosures
- Communication-enabled thanks to direct interfacing to AS-Interface, IO-Link or PROFINET

Diverse possible applications

- International certifications and approvals
- Short delivery times thanks to global availability

Modern design

Four design lines

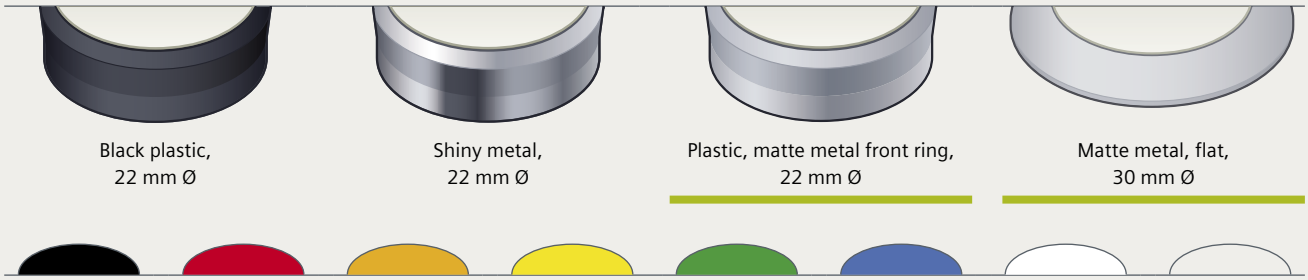
- Suitable and practical for every demand
- New: flat, matte front design for stylish systems

Homogeneous lighting

- Clearly recognizable signals thanks to use of state-of-the-art LED technology

An overview of the product portfolio

Body design lines and button colors



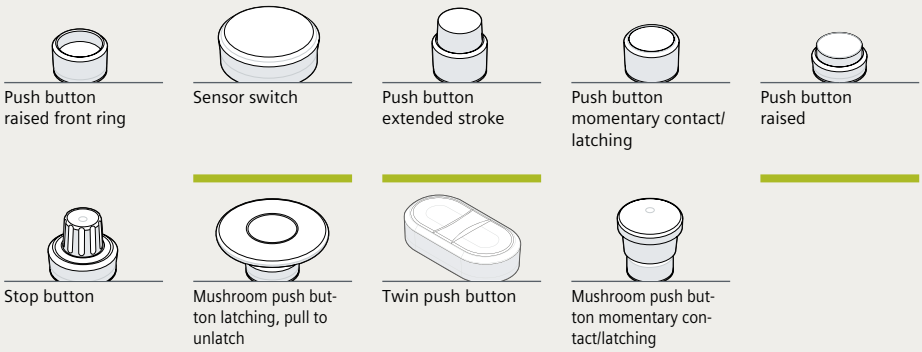
Black plastic, 22 mm Ø

Shiny metal, 22 mm Ø

Plastic, matte metal front ring, 22 mm Ø

Matte metal, flat, 30 mm Ø

Push buttons



Push button raised front ring

Sensor switch

Push button extended stroke

Push button momentary contact/ latching

Push button raised

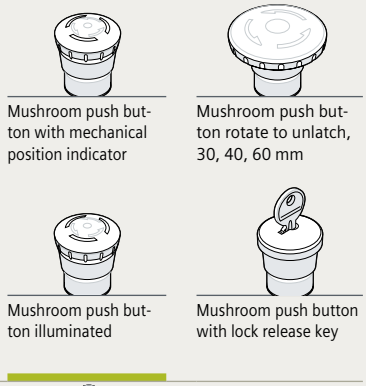
Stop button

Mushroom push button latching, pull to unlatch

Twin push button

Mushroom push button momentary contact/latching

Emergency stop



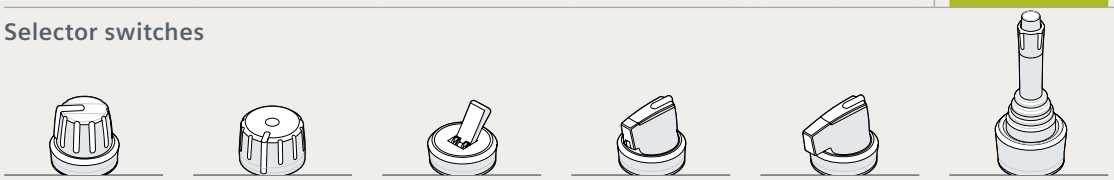
Mushroom push button with mechanical position indicator

Mushroom push button rotate to unlatch, 30, 40, 60 mm

Mushroom push button illuminated

Mushroom push button with lock release key

Selector switches



Rotary knob, 4 positions

Potentiometer

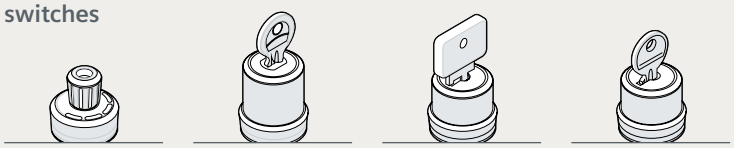
Toggle switch

Selector short handle

Selector long handle

Coordinate switch

Key-operated switches



ID key-operated switch

CES, BKS, IKON

OMR

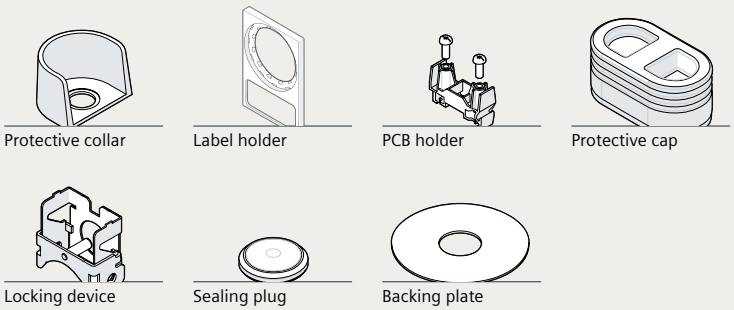
RONIS

Indicators

Indicator light, duo-LED

Acoustic signaling device

Accessories



Protective collar

Label holder

PCB holder

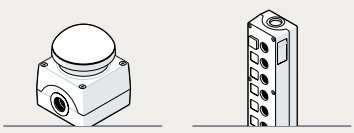
Protective cap

Locking device

Sealing plug

Backing plate

Enclosures



Palm push button

Enclosure 1, 2, 3, 4, 6 command points

New products in the range

A small selection of high demand models

Push button with flat button, latching

●	3SU10 ☐ 0-	0AB10-0AA0
●	3SU10 ☐ 0-	0AB20-0AA0
●	3SU10 ☐ 0-	0AB30-0AA0
●	3SU10 ☐ 0-	0AB40-0AA0
●	3SU10 ☐ 0-	0AB50-0AA0
○	3SU10 ☐ 0-	0AB60-0AA0
○	3SU10 ☐ 0-	0AB70-0AA0

Illuminated push button with flat button, momentary contact

●	3SU10 ☐ 1-	0AB20-0AA0
●	3SU10 ☐ 1-	0AB30-0AA0
●	3SU10 ☐ 1-	0AB40-0AA0
●	3SU10 ☐ 1-	0AB50-0AA0
○	3SU10 ☐ 1-	0AB60-0AA0
○	3SU10 ☐ 1-	0AB70-0AA0

Selector switch, can be illuminated, 3 positions I-0-II, latching

●	3SU10 ☐ 2-	2BL20-0AA0
●	3SU10 ☐ 2-	2BL30-0AA0
●	3SU10 ☐ 2-	2BL40-0AA0
●	3SU10 ☐ 2-	2BL50-0AA0
○	3SU10 ☐ 2-	2BL60-0AA0

Selector switch, can be illuminated, 2 positions I-0, latching

●	3SU10 ☐ 2-	2BF20-0AA0
●	3SU10 ☐ 2-	2BF30-0AA0
●	3SU10 ☐ 2-	2BF40-0AA0
●	3SU10 ☐ 2-	2BF50-0AA0
○	3SU10 ☐ 2-	2BF60-0AA0

Selector switch, can be illuminated, 3 positions I-0-II, momentary contact

○	3SU10 ☐ 2-	2BM60-0AA0

Selector switch, can be illuminated, 4 positions O-I-II-III, 4x90°, latching

○	3SU10 ☐ 0-	2AS60-0AA0

Key-operated switch, 2 positions 0-I, latching

RONIS SB30[1]	3SU10 ☐ 0-	4BF11-0AA0
RONIS SB30[2]	3SU10 ☐ 0-	4BF01-0AA0
CES SSG10[1]	3SU10 ☐ 0-	5BF11-0AA0
CES SSG10[2]	3SU10 ☐ 0-	5BF01-0AA0

Key-operated switch, 2 positions 0-I, momentary contact, key removal in pos. 0

RONIS SB30	3SU10 ☐ 0-	4BC01-0AA0
CES SSG10	3SU10 ☐ 0-	5BC01-0AA0

EMERGENCY-STOP mushroom push button, rotate to unlatch, can be illuminated

33.4 mm	3SU10 ☐☐	-1GB20-0AA0
40 mm	3SU10 ☐☐	-1HB20-0AA0

Plastic 0	☐☐	0 Not illuminated
Metal 5	☐☐	1 Illuminated

EMERGENCY-STOP mushroom push button, 40 mm

Pull to unlatch	3SU10 ☐ 0-	1HA20-0AA0
SB30 key-operated release	3SU10 ☐ 0-	1HF20-0AA0
CES SSG10 key-operated release	3SU10 ☐ 0-	1HR20-0AA0

Plastic 0	☐
Metal 5	☐

[1] Key removal in all positions

[2] Key removal in position 0

Illuminated push button with flat button, metal, matte, latching, flat mounting, 30 mm

●	3SU10	6	1- 0JA20-0AA0
●	3SU10	6	1- 0JA30-0AA0
●	3SU10	6	1- 0JA40-0AA0
●	3SU10	6	1- 0JA50-0AA0
○	3SU10	6	1- 0JA70-0AA0

Push button with flat button, metal, matte, momentary contact, flat mounting, 30 mm

●	3SU10	6	0- 0JB10-0AA0
●	3SU10	6	0- 0JB20-0AA0
●	3SU10	6	0- 0JB30-0AA0
●	3SU10	6	0- 0JB40-0AA0
●	3SU10	6	0- 0JB50-0AA0
○	3SU10	6	0- 0JB60-0AA0

Potentiometer, compact

1 kΩ	3SU12	□	0- 2PQ10-1AA0
4.7 kΩ	3SU12	□	0- 2PR10-1AA0
10 kΩ	3SU12	□	0- 2PS10-1AA0

ID key-operated switch, plastic, 4 switch positions

Black plastic front ring	3SU10	0	0- 4WS10-0AA0
Silver metal front ring	3SU10	3	0- 4WS10-0AA0

Mushroom push button

●	3SU10	□	0- 1BD10-0AA0
●	3SU10	□	0- 1BD20-0AA0
●	3SU10	□	0- 1BD30-0AA0
●	3SU10	□	0- 1BD40-0AA0

Plastic 0 □
Metal 5 □

Acoustic signaling device, 75 dB, compact

6 ... 24 V	●	3SU12	□ 0- 6KG10-1AA0
24 ... 230 V	●	3SU12	□ 0- 6KH10-1AA0

Plastic 0 □
Metal 5 □

Ordering the holder in plastic or metal separately

Holders

3-fold holder 3SU15 □ 0- 0AA10-0AA0

4-fold holder 3SU15 □ 0- 0BA10-0AA0

Plastic 0 □
Metal 5 □

Holder with contact blocks

Contact blocks	Number NOs	Number NCs	
1	1	0	3SU15 □ 0- 1AA10-1BA0
1	0	1	3SU15 □ 0- 1AA10-1CA0
1	1	1	3SU15 □ 0- 1AA10-1FA0
2	1	1	3SU15 □ 0- 1AA10-1NA0
2	2	2	3SU15 □ 0- 1AA10-1LA0

Plastic 0 □
Metal 5 □

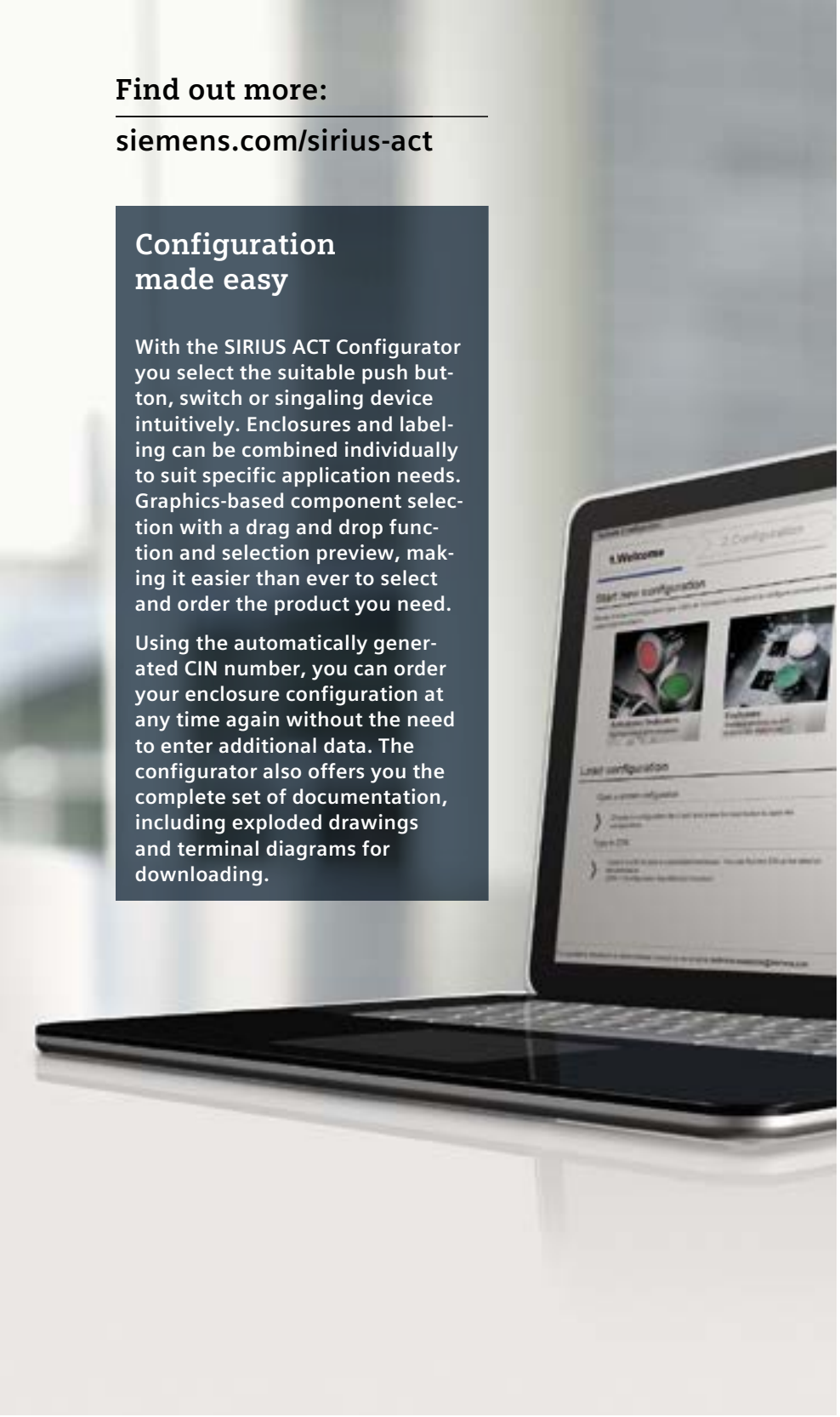
Find out more:

siemens.com/sirius-act

Configuration made easy

With the SIRIUS ACT Configurator you select the suitable push button, switch or singaling device intuitively. Enclosures and labeling can be combined individually to suit specific application needs. Graphics-based component selection with a drag and drop function and selection preview, making it easier than ever to select and order the product you need.

Using the automatically generated CIN number, you can order your enclosure configuration at any time again without the need to enter additional data. The configurator also offers you the complete set of documentation, including exploded drawings and terminal diagrams for downloading.



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