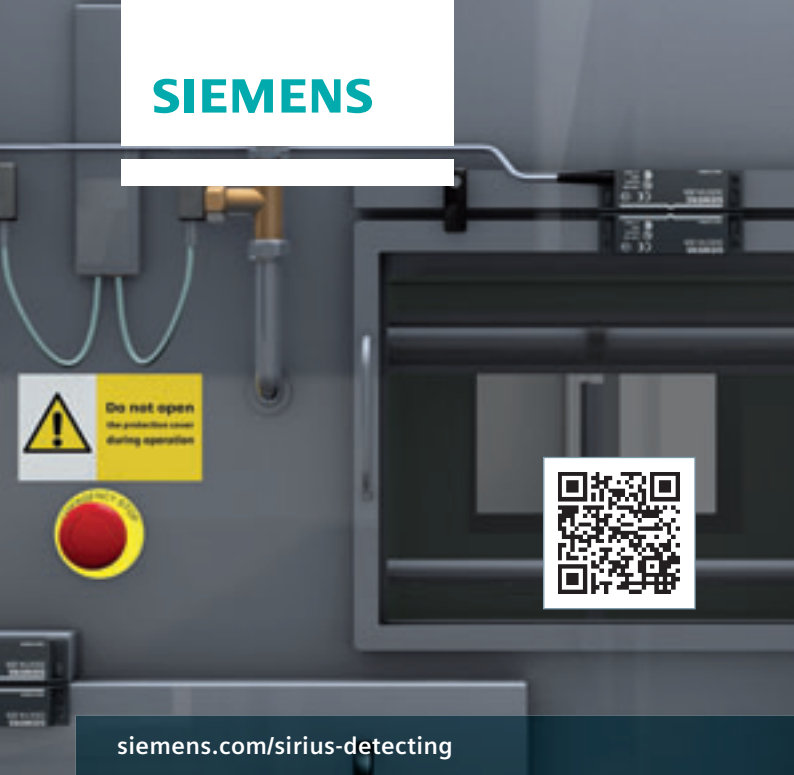


A background image showing a grey industrial machine panel. On the left, there are blue cables connected to a terminal block. Below them is a yellow warning label with a black exclamation mark icon and the text "Do not open the protective cover during operation". Below the label is a red emergency stop button with a yellow border. To the right of the button is a QR code. The Siemens logo is at the top left.

SIEMENS

siemens.com/sirius-detecting

Safety is a SIRIUS business

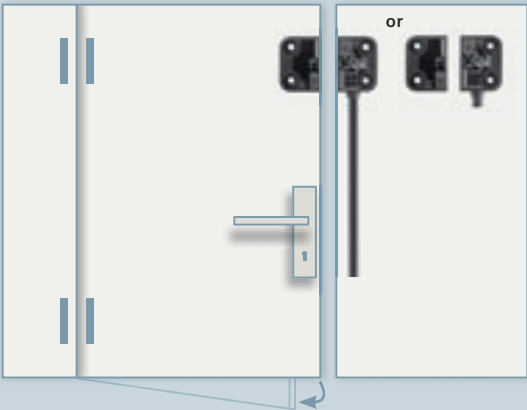
The quick and easy way to an integrated safety solution

Whether it's an emergency stop, protective door monitoring, or light array function, our SIRIUS safety products are the quick and easy way to an integrated safety solution. From the sensor to the actuator, you can rely on our experienced team – and on our portfolio, which now features three new highlights:

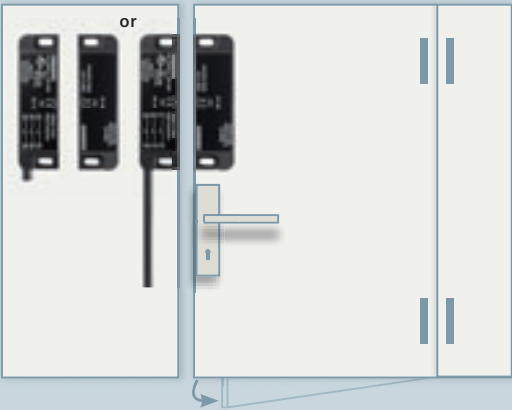
- SIRIUS ACT push button and signaling devices combine sturdiness with an attractive design and are ideal, for example, for emergency-stop applications and two-hand operation consoles.
- The new SIRIUS 3SE6 Magnetically Operated Switches offer tamper-proof protective door monitoring at a small footprint.
- The new 3SK2 Safety Relays provide expanded safety functions through software parameterization.

Expanded portfolio with a new design for 3SE66/67 Magnetically Operated Switches

Left-hinged door

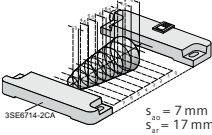
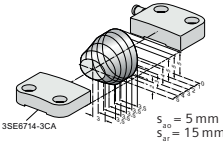


Right-hinged door



Highlights of the new magnetically controlled switches:

- Maximized system availability thanks to greater actuating distances
- New design that permits different installation options
- Simple diagnostics thanks to additional signaling contact
- Plug providing fast connection and a reduced installation time

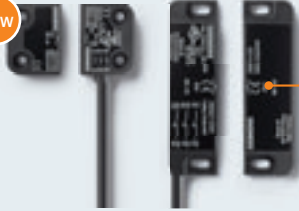
Switching element (25 x 88 mm)	Left-hinged door	Right-hinged door	Contacts	Version	Coupling with cable, 5 m
	3SE6614-4CA01	3SE6624-4CA01	2 NC	M8, 4-pole plug, LED	3SX5601-3GA05
	3SE6617-2CA01	3SE6627-2CA01	2 NC + 1 NC *	8 mm dia. latching connection, 6-pole plug	3SX5601-4GA05
	3SE6617-2CA04	3SE6627-2CA04	2 NC + 1 NC *	3 m cable	–
Solenoid			Min./max. actuating distance	Spacer	
	Level with surface	3SE6714-2CA	 3SE6714-2CA $S_{\text{air}} = 7 \text{ mm}$ $S_{\text{tot}} = 17 \text{ mm}$	3SX5600-2GA02	
	90° offset	3SE6724-2CA			
	Left-hinged door	Right-hinged door	Contacts	Version	Coupling with cable, 5 m
	3SE6616-3CA01	3SE6626-3CA01	1 NO + 1 NC + 1 NC *	8 mm dia. latching connection, 6-pole plug	3SX5601-4GA05
	3SE6617-3CA01	3SE6627-3CA01	2 NC + 1 NC *	8 mm dia. latching connection, 6-pole plug	3SX5601-4GA05
	3SE6617-3CA04	3SE6627-3CA04	2 NC + 1 NC *	3 m cable	–
Solenoid			Min./max. actuating distance	Spacer	
	Level with surface	3SE6714-3CA	 3SE6714-3CA $S_{\text{air}} = 5 \text{ mm}$ $S_{\text{tot}} = 15 \text{ mm}$	3SX5600-2GA01	
	90° offset	3SE6724-3CA			

* + signaling contact

Detecting

Non-Contact Safety Switch
3SE66/67, Magnetic

New



SIRIUS ACT 3SU1
Emergency Stop

New



Non-Contact Safety Switch
RFID 3SE63



Mechanical Position Switch
3SE51/52/54



Mechanical Safety Switch
3SE51/52/53, 3SF1 for AS Interface



3SE7 Cable-Operated Switch



3SE29/39 Foot Switch

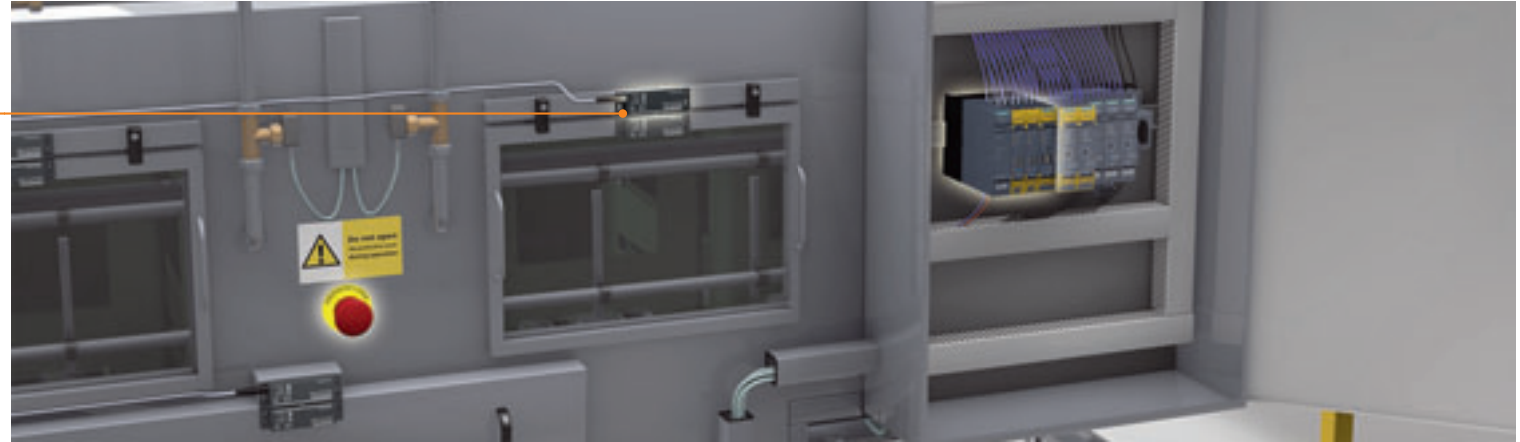


SIRIUS ACT 3SU18
Two-Hand Operation Console

New



Evaluating



Safety relays parameterizable via hardware

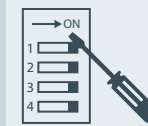


The 3SK1 Safety Relays are the ideal solution for simple safety applications and winners of the GIT Security Award 2014.



Inputs	Outputs	Voltage	Article No.
2 F-DI	3 F-RQ	AC/DC 110 – 240 V	3SK1111-□AW20
2 F-DI	3 F-RQ	AC/DC 24 V	3SK1111-□AB30
3 F-DI	2 F-DQ	DC 24 V	3SK1112-□BB40
3 F-DI	3 F-RQ		3SK1121-□AB40
3 F-DI	2 F-RQ		3SK1121-□CB4*
3 F-DI	1 F-DQ	DC 24 V	3SK1120-□AB40
3 F-DI	3 F-DQ		3SK1122-□AB40
3 F-DI	2 F-DQ		3SK1122-□CB4*
Screw connection			1
Spring connection			2

* Adjustable off delay: 1 = 0.05 – 3 s; 2 = 0.5 – 30 s; 4 = 5.0 – 300 s



Easily parameterized via DIP switches

Safety relays parameterizable via software for more sophisticated safety applications

New



Whereas with the proven 3SK1, all fail-safe outputs are disconnected simultaneously regardless of which sensor is tripped, with the new 3SK2 relays the fail-safe outputs are disconnected independently of one another.

Inputs	Outputs	Voltage	Article No.
10 F-DI	2 F-DQ	DC 24 V	3SK2112-□AA10
20 F-DI	4 F-DQ		3SK2122-□AA10
Screw connection			1
Spring connection			2



Parameterizable via software using drag & drop

Comprehensive diagnostics via SIRIUS Safety ES Software

Reacting

3RT2 Contactors

New



- Optimal connection to controller
- Power increased to up to 18.5 kW with 45 mm mounting width or 37 kW with 55 mm mounting width
- Comprehensive approvals for use worldwide

3RM1 Motor Starter



- Longer service life and less heat loss through hybrid switching technology
- Smaller footprint
- Less wiring and testing overhead thanks to device connector and infeed system

3RA6 Compact Starter



- Smaller footprint thanks to compact design
- Reduced planning and installation outlay
- Maximized system availability through integrated functionalities