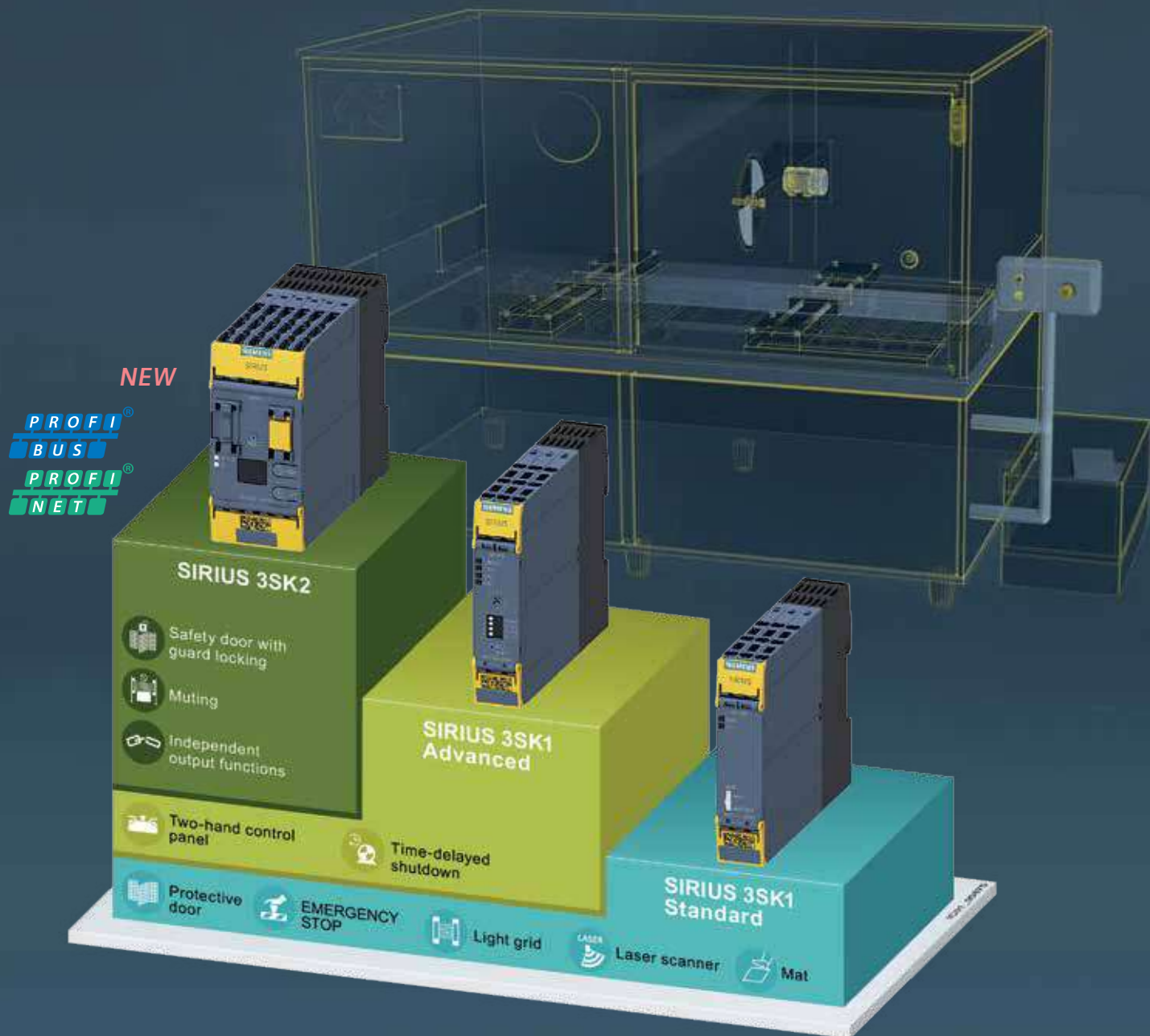




SIRIUS 3SK Safety relays

Select the optimum device – precisely for your application

SIRIUS 3SK safety relays offer outstanding simplicity and flexibility. Their modular design simplifies the planning, commissioning and expansion of plants. Simple safety functions, such as EMERGENCY STOP and protective door monitoring up to SIL 3 and PL e, can be quickly implemented without programming.

The safety relays are certified in accordance with IEC 62061 and ISO 13849-1 and are internationally applicable. The 3SK1 and 3SK2 versions of the device are available to meet differing requirements. The devices can be used for both stand-alone and integrated solutions.

www.siemens.com/safety-relays

SIEMENS

SIRIUS 3SK Safety relays

Relay enable circuit	Semiconductor enable circuit	Contacts				Rated control supply voltage		MOQ
		EC	SC	EC (td)	Adjustable Time Delay (td)			
SIRIUS 3SK1 standard basic units								
3SK1111-1AB30		3	1	--	--	24V AC/DC		1
3SK1111-1AW20		3	1	--	--	110-240V AC/DC		1
	3SK1112-1BB40	2	1	--	--	24V DC		1
SIRIUS 3SK1 advanced basic units								
3SK1121-1CB41		2	--	2	0.05...3 Sec	24V DC		1
3SK1121-1CB42		2	--	2	0.5...30 Sec	24V DC		1
3SK1121-1CB44		2	--	2	5.0...300 Sec	24V DC		1
	3SK1122-1CB41	2	--	2	0.05...3 Sec	24V DC		1
	3SK1122-1CB42	2	--	2	0.5...30 Sec	24V DC		1
	3SK1122-1CB44	2	--	2	5.0...300 Sec	24V DC		1
SIRIUS 3SK1 Output expansion module								
3SK1211-1BB00		4	1			24V AC		1
3SK1211-1BB40		4	1			24V DC		1
3SK1211-1BW20		4	1			110-240V AC/DC		1
SIRIUS 3SK2 Basic Unit								
	3SK2112-1AA10	10	--	2	0.05...3 Sec	24V DC	Prices available on request	1
	3SK2122-1AA10	20	--	4	0.05...3 Sec			1

Note: EC = enable Circuit(s), SC = signaling circuit(s), td = delayed

Everything for your safety

Detecting

Which sensors can be connected?



SIRIUS 3SE5 position switches



SIRIUS ACT / 3SB5 Emergency STOP



SIRIUS ACT Two-hand operation consoles



SIRIUS foot switches

Evaluating

How can you perform quick, flexible evaluation?



SIRIUS 3SK Safety relays



SIRIUS 3RQ1 Coupling relays

Reacting

Which actuators can be connected?



SIRIUS 3RT Contactors



SIRIUS 3RW Soft Starter



SIRIUS 3RM1 Motor Starters

SIRIUS 3RQ1 coupling relays NEW

The 3RQ1 relays are force-guided in accordance with IEC 60947-5-1 (IEC 61810-3), the mechanical connection between the contacts ensures the NO and NC contacts are never closed simultaneously. This means failures to open can be reliably recognized in order to ensure maximum safety.

These coupling relays are also an integral component of the 3SK safety relay system and serve as an output expansion module. 3RQ1 coupling relays are available in two variants to fulfill SIL 2 & SIL 3.



Type	Contacts		Rated control supply voltage	MOQ
	NO	NC		
3RQ1000-1EB00	1	1	24V DC	1
3RQ1000-1GB00	2	1		1
3RQ1000-1HB00	2	2		1
3RQ1000-1LB00	4	1		1

Safety evaluation with TIA selection tool - The fast way to a safe solution
www.siemens.com/safety