


# SIRIUS 3SE6 Non-contact Safety Switches

## Magnet

### 3SE66, 3SE67 magnetically operated switches

#### Combination of monitoring units and magnetically operated switches

Monitoring units		Magnetically operated switches (contact block + switching magnet)			Achievable SIL (IEC 61508, IEC 62061) Performance level (EN ISO 13849-1)	
		1 NO + 1 NC 3SE6605-.BA..  1 NO + 1 NC (+ 1 NC sign. contact) 3SE6606-3BA	2 NC 3SE6604-2BA..  1 NO + 2 NC 3SE6606-2BA04	--		
						
		3SE6704-.BA	3SE6704-2BA			
		1 NO + 1 NC (+ 1 NC sign. contact) 3SE6616-3CA01 3SE6626-3CA01	2 NC, 2 NC (+ 1 NC sign. contact) 3SE6614-4CA01 3SE6624-4CA01 3SE6617-2CA01 3SE6627-2CA01 3SE6617-2CA04 3SE6627-2CA04	2 NC (+ 1 NC sign. contact) 3SE6617-3CA01 3SE6627-3CA01 3SE6617-3CA04 3SE6627-3CA04		
						
		3SE6714-3CA 3SE6724-3CA	3SE6714-2CA 3SE6724-2CA	3SE6714-3CA 3SE6724-3CA		
Relay output						
SIRIUS safety relays	3SK1111		--	✓	✓	SIL 3/PL e
	3SK1121, 3TK2826		✓	✓	✓	SIL 3/PL e
Solid-state outputs						
SIRIUS safety relays	3SK1112, 3SK1122		✓	✓	✓	SIL 3/PL e
	3SK2112, 3SK2122		✓	✓	✓	SIL 3/PL e
	3TK2845		--	✓	✓	SIL 3/PL e
Safe compact modules ASIsafe	3RK1205, 3RK1405		--	✓	✓	SIL 3/PL e
Modular safety system (MSS)	3RK3		✓	✓	✓	SIL 3/PL e
SIMATIC S7-1200F or SIMATIC S7-1500F	F-DI 16 x 24 V DC		✓	✓	✓	SIL 3/PL e
SIMATIC ET 200SP PROFIsafe	4/8 F-DI, 24 V DC		✓	✓	✓	SIL 3/PL e
SIMATIC ET 200eco	4/8 F-DI, 24 V DC		✓	✓	✓	SIL 3/PL e
SIMATIC ET 200pro	8/16 F-DI, 24 V DC, 4/8 F-DI / 4 F-DO 2 A, 24 V DC, F-Switch		✓	✓	✓	SIL 3/PL e

✓ Suitable magnetically operated switch

-- Not available