

SIRIUS 3TK28 Safety Relays

With special functions

Selection and ordering data

Type	3TK28 10
	Standstill monitors
Sensors	
• Inputs	3
• Electronic	--
• With contacts	--
• Without sensors (measuring inputs)	3
Safety mats	
	--
Start	
• Auto	✓
• Monitored	--
Cascading input	
24 V DC	--
Key-operated switch	
	--
Enabling circuit, floating	
• Stop category 0	3 NO + 1 NC
• Stop category 1	--
Enabling circuit, solid-state	
• Stop category 0	--
• Stop category 1	--

✓ = Available
-- = Not available

Type	3TK28 10
	Standstill monitors
Signaling outputs	
• Floating	1 CO
• Electronic	2
Standards	
	EN 60204-1, EN ISO 12100, EN 954-1, IEC 61508
Test certificates	
	TÜV, UL, CSA
Category acc. to EN 954-1 max	
	4
SIL level max. acc. to IEC 61508	
	3
Performance level PL acc. to ISO 13849-1	
	e
Probability of a dangerous failure per hour (PFH_d)	
	1.5 x 10 ⁻⁸ /h
Rated control supply voltage	
• 24 V DC	✓
• 230 V AC	✓
• 400 V AC	✓