

Actuating voltage	Approval	Category to EN 954-1	Number of enabling paths to IEC/EN 60204 Stop category	Signalling contacts	Part no. Article no.	Price see price list			
$U_c$			0 1						
<b>Safety relays for Emergency-Stop and protective door monitoring</b>									
	24 V DC, 24 V AC, 50/60 Hz	Dual-channel	ET 97030	4	3	–	–	ESR4-NO-30-24VAC-DC 279368	
	115 V AC, 50/60 Hz	Dual-channel	ET 97030	4	3	–	–	ESR4-NO-30-115VAC 279410	
	230 V AC, 50/60 Hz	Dual-channel	ET 97030	4	3	–	–	ESR4-NO-30-230VAC 279369	
	24 V DC, 24 V AC, 50/60 Hz	Single-channel	ET 97284	2	3	–	1	ESR4-NO-31 214612	
	115 V AC, 50/60 Hz	Single-channel	ET 97284	2	3	–	1	ESR4-NO-31-115VAC 279367	
	230 V AC, 50/60 Hz	Single-channel	ET 97284	2	3	–	1	ESR4-NO-31-230VAC 279365	
	24 V DC, 24 V AC, 50/60 Hz	Dual-channel	ET 98002	4	2	–	1	ESR4-NO-21 214613	
	24V DC	Dual-channel, Off-delayed, 0.15 – 3 s	ET 03004	4 (non-delayed) 3 (delayed)	2	1	–	–	ESR4-NV3-30 214616
	24V DC	Dual-channel, Off-delayed, 1.5 – 30 s	ET 03004	4 (non-delayed) 3 (delayed)	2	1	–	–	ESR4-NV30-30 <sup>1)</sup> 214617
	Can be used up to: prEN ISO 13849-1 PL e (PL = Performance level) EN 61508 SIL 3 (SIL = Safety integrity level) EN 62061 SILCL 3 (SILCL = Safety integrity level claim limit)	24 V DC, 24 V AC, 50/60 Hz	Dual-channel	Functional Safety FS TÜV Rheinland Group Type Approved	4	3	–	1	ESR4-NOE-31-24VAC-DC <sup>2)</sup> 106843
230 V AC, 50/60 Hz		Dual-channel	Functional Safety FS TÜV Rheinland Group Type Approved	4	3	–	1	ESR4-NOE-31-230VAC <sup>2)</sup> 106844	
24 V DC, 24 V AC, 50/60 Hz		Dual-channel	Functional Safety FS TÜV Rheinland Group Type Approved	4	4	–	–	ESR4-NOE-40-24VAC-DC <sup>2)</sup> 106845	
230 V AC, 50/60 Hz		Dual-channel	Functional Safety FS TÜV Rheinland Group Type Approved	4	4	–	–	ESR4-NOE-40-230VAC <sup>2)</sup> 106846	
<b>Safety relay</b>									
<b>Two-hand relay</b>									
24 V DC, 24 V AC, 50/60 Hz	Dual-channel	ET 98044	4	2	–	1	ESR4-NZ-21 <sup>3)</sup> 214620		
<b>Contact expansion modules</b>									
24 V DC, 24 V AC, 50/60 Hz	Non-delayed	ET 98109	4	4	–	2	ESR4-NE-42 <sup>4)</sup> 214614		
24V DC	Off-delayed, $t_d = 3$ s	ET 98109	4	–	4	2	ESR4-VE3-42 <sup>4)</sup> 214618		

**Notes**

- 1) Suitable for LS-S...MT-ZBZ safety position switch with interlocking option.
- 2) Approved for lifts according to EN 81-1 and furnaces according to EN 50156-1 (Safety-level step 3).
- 3) Safety category to EN 954-1: The base unit determines the maximum safety category.
- 4) Stop category to EN 60204: The base unit determines the maximum safety category.

