

Safety Relay SR4

4 pole 6 A



- 2 N/O+2 N/C or 3 N/O+1 N/C contacts
- Safety relay with forcibly guided contacts
- According to EN 50205
- Segregated contacts
- Low coil power
- Polarized, monostable coil system
- Small size
- Washable

Applications

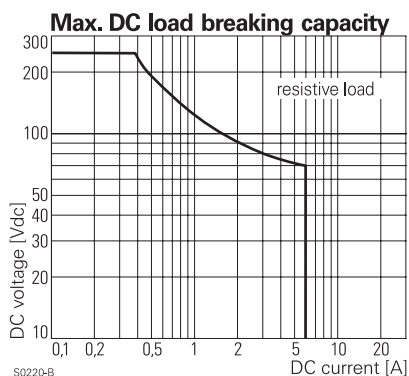
Emergency shut-off, machine control, elevator and escalator control, light barrier control



Technical data of approved types on request

Contact data

Configuration	2 N/O contact and 2 N/C contact or 3 N/O contact and 1 N/C contact
Type of contact	single contact, forcibly guided
Rated current	6 A
Continuous thermal load	1 contact with load 6 A ≥2 contacts with load 2 A
Rated voltage / max.breaking voltage AC	250 Vac / 250 Vac
Maximum breaking capacity AC	1500 VA
Contact material	AgCdO
	AgCdO gold plated, AgNi 0.15 gold plated
Minimum contact load	500 mA, 12 Vac/ Vdc for AgCdO



Contact life

Load	Operations
Rated load	approx. 1x10 ⁵

Coil data

Nominal voltage	6...110 Vdc
Nominal coil power	540...640 mW
Operative range	2

Coil versions

Coil code	Nominal voltage Vdc	Pull-in voltage Vdc	Release voltage Vdc	Coil resistance Ω	Coil current mA
003	6	4.5	0.6	67±10%	89.6
004	9	6.6	0.9	134±10%	67.2
005	12	8.9	1.2	255±10%	47.1
006	21	16.3	2.1	820±10%	25.6
007	24	17.8	2.4	1020±10%	23.5
009	48	35.8	4.8	3910±15%	12.3
010	60	45.3	6.0	6140±15%	9.8
012	110	81.8	11.0	18855±15%	5.8

All figures are given for coil without preenergization, at ambient temperature +20°C
 $U_{op\ max}$: at 80 °C after preenergization with $1.1 \times U_{nom}$ the max. operate voltage is 85% of U_{nom} . U_{max} : at 80 °C the max. coil voltage is $1.1 \times U_{nom}$

Other coil voltages on request

