## Safety Relays



## **SCR - Safety Relays**

## **Product selection**

| Article number | Designation       | Enable<br>current paths<br>(NO contact) | Signaling<br>contact<br>(NC contact) | Signaling<br>contact<br>(NC contact) | Monitored start | Start automatic/<br>pushbutton<br>(manual) | Remarks  |
|----------------|-------------------|---|--------------------------------------|--------------------------------------|-----------------|--|--|
| 607.5111.009   | SCR4-W22-3.5-D    | e                                       | 3                                    | 1                                    | No              | Auto / pushbutton                          | -  |
| 607.5111.010   | SCR4-W22-3.5-SD   | e                                       | 3                                    | 1                                    | Yes             | Pushbutton                                 | -  |
| 607.5111.012   | SCR4-W22-4.6-DXT  | e                                       | 4                                    | 0                                    | -               | -  | Expansion module only used together with another SCR |
| 607.5111.015   | SCR2-W22-2.5      | d                                       | 2                                    | 0                                    | No              | Auto / pushbutton                          | -  |
| 607.5111.016   | SCR2-W22-2.5-S    | d                                       | 2                                    | 0                                    | No              | Pushbutton                                 | -  |
| 607.5111.018   | SCR4-W22-2.6-D2H  | e                                       | 2                                    | 1                                    | -               | -  | SCT for two-hand controller                          |
| 607.5111.020   | SCR ON4-W22-3.6-S | e                                       | 3                                    | 0                                    | Programmable    | Pushbutton                                 | Pushbutton SCR for safety light barrier              |

| Technical data              |    |                                |  |  |  |  |
|-----------------------------|----|--------------------------------|--|--|--|--|
| Electrical data             |    |                                |  |  |  |  |
| Supply voltage              | Ue | 24 V AC/DC (6075111020 24V DC) |  |  |  |  |
| Voltage range               |    | 0,90 1,1 U <sub>e</sub>        |  |  |  |  |
| Frequency                   |    | 50 60 Hz                       |  |  |  |  |
| Power intake                |    | 24 V DC: 3 W, 24 V AC: 5 V A   |  |  |  |  |
| Performance data            |    |                                |  |  |  |  |
| Conductor cross section     |    | 2 x 1.5 mm² / 4 x 1.5 mm²      |  |  |  |  |
| Contact data                |    |                                |  |  |  |  |
| Switching voltage           |    | 230 V AC, 24 V DC              |  |  |  |  |
| Switching current           |    | 5 A                            |  |  |  |  |
| Max. switching power        |    | 1250 V A (ohmic load)          |  |  |  |  |
| Mechanical service life     |    | 107 switching cycles           |  |  |  |  |
| Environmental data          |    |                                |  |  |  |  |
| Ambient temperature         |    | -25 °C to +50 °C               |  |  |  |  |
| Protection class, enclosure |    | IP40 DIN VDE 0470 Part 1       |  |  |  |  |
| Protection class, terminals |    | IP20 DIN VDE 0470 Part 1       |  |  |  |  |
| Mechanical data             |    |                                |  |  |  |  |
| Enclosure material          |    | Polyamide PA 6.6               |  |  |  |  |
| Approvals                   |    |                                |  |  |  |  |
| TÜV                         |    |                                |  |  |  |  |
| UL                          |    |                                |  |  |  |  |
| C-UL                        |    |                                |  |  |  |  |



IMPORTANT: The actuator for the SLK must be ordered separately. You will find a corresponding overview at the end.

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