



## SAFE S.6 / SAFE S.10

Emergency stop  
and safety gate monitoring relay  
CE, TÜV, UL, C-UL  
2 normally open safety contacts  
Visual indicators for the state of operation and power supply  
selectable opposite polarity between channels

Power, channel 1 and channel 2  
24 V AC / DC (without galvanic disconnection, but with a fuse F1)  
24 V DC (without galvanic disconnection, but with an electronic fuse)  
24, 48, 110-127, 230 V AC (with galvanic disconnection/transformer)  
ca. 8 VA  
< 150 ms / < 60 ms  
SAFE S.6 8 A AC/DC      SAFE S.10 10A AC/DC  
100 mA\*  
Simultaneous protective door contacts : ca. 66 ms  
SAFE S.6 -25°C to +65°C, SAFE S.10 -25°C to 40°C  
SAFE S.6 1800 VA (resistive load)      SAFE S.10 2300VA (resistive load)  
SAFE S.6 8A quick acting or 4A time lag  
SAFE S.10 10A quick acting or 6A time lag

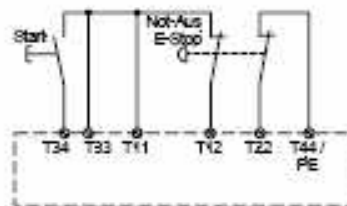
A supply voltage must be applied at terminals A1 and A2 in order to operate the device, if this is done there is a voltage of 24V DC at terminal T11. Terminals T12 and T22 must be wired as shown in the application examples. To start the unit terminal T11 must be bridged with terminal T34 by means of a closing contact or terminal T34 must receive a 24V DC impulse (short time bridging of the connection terminals T11-T34), if this is done contacts 13-14 and 23-24 close. The LEDs in channel 1 and channel 2 illuminate. In series with the start button and terminals T11 / T34 the function of an external contactor can be monitored. \*We offer all devices which have a contact capacity of min. 100mA at 24V DC with hard gold-plated contacts. In this way you get a contact capacity of 4mA.

- TYPE
- APPLICATIONS
- APPROVALS
- CONTACTS
- SPECIAL CHARACTERISTICS
- LED
- OPERATING VOLTAGE
- POWER CONSUMPTION
- START UP DELAY/ FALLBACK
- CONTACT CAPACITY max.
- CONTACT CAPACITY min. bei 24V DC\*
- SIMULTANEITY
- ENVIRONMENTAL TEMPERATURE
- SWITCHING CAPACITY
- CONTACT SECURITY

### → OPERATING MODE

\*We offer all devices who have a CONTACT CAPACITY of min. 100 mA at 24 V DC with hard gold-plated contacts. In this way the CONTACT CAPACITY of min. 100 mA is only 4 mA. Please ask our sales team!

### → CONNECTION DIAGRAM



### → FUNCTION CIRCUIT DIAGRAM

