

Indication
LED on green

LED flashing green

LED on yellow

LED flashing yellow

Explanation of switching conditions

- Authorised operation Y14 and Y24 "high"
- Enable delay time running
- At least one guard device open
- Feedback circuit is open
- Enable input X4 is open

Indication (orange)
LED one pulse



LED two pulses



LED three pulses



LED four pulses



LED five pulses



LED six pulses



LED seven pulses



LED eight pulses



Fault

- Guard device 1
- Guard device 2
- Guard device 3
- Guard device 4
- Enable outputs Y14 and Y24
- Additional transistor outputs Y1 to Y5
- Fault signals on the inputs, no secure evaluation
- Feedback circuit

Cause

- Incoming connection to switch defective
- Switch defective or mounted incorrectly
- Switch at least 5 s only partially actuated*
- Cross-wire monitoring
- Incoming connection to switch defective
- Switch defective or mounted incorrectly
- Switch at least 5 s only partially actuated*
- Cross-wire monitoring
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- Cross-wire monitoring
- Incoming connection to switch defective
- Switch defective or mounted incorrectly
- Switch at least 5 s only partially actuated*
- Cross-wire monitoring
- Cross-wire monitoring
- Short-circuit
- Short-circuit
- Too high capacitive or inductive coupling on the switch leads or incoming power supply leads
- Feedback of external contactors defective, incorrect wiring of feedback circuit

*** Partial actuation**

Switch position in which only one contact has been actuated

Deletion of fault indication

The fault indication is deleted, when its cause has been eliminated and the connected switch has been actuated to check all functions. (Open and re-close guard device)