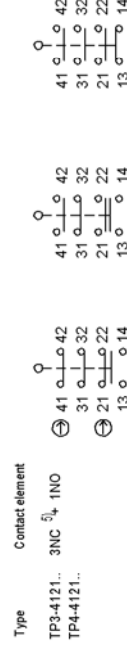
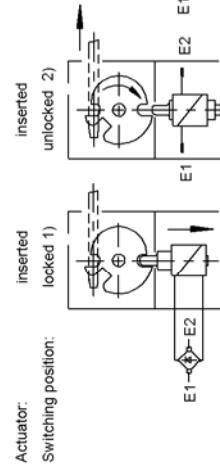


The safety switch and actuator must be assembled for installation purposes.
The safety switch must not be used as an end stop!

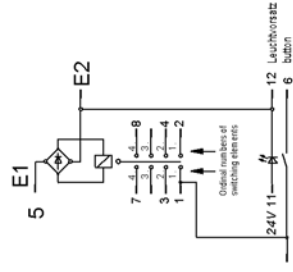
| Minimum travel + overtravel | | |
|-----------------------------------|--------------------|---------------------|
| Approach direction horizontal (h) | Actuator standard | Actuator overtravel |
| vertical (V) | 28 +2 29.5 +1.5 | 28 +7 --- |

Schaltfunktion



5) 2 direct opening + 1 delayed as door contact

Pin assignment, plug connector, LED + button



Approach direction

The actuator head can be turned to the desired approach direction after undoing the fixing screws.

Please order actuator separately.

Attention:

Plug connector is not on earth potential. There is no earth conductor. Before start-up, take protective measures! (e.g. use protective low voltage with a safe disconnection/PELV)

Technical Data

Please observe the operating instructions (in case of disagreement between data sheet and operating instructions, the information of the data sheet are to be considered)

| Parameter | Value | Unit |
|--|---|--------|
| Housing material | Reinforced thermoplastics (fibreglass) | |
| Environmental protection to IEC 60529 | IP 54 | |
| Mounting position | optional | |
| Mechanical service life | 1x10 ⁶ Switching cycles | |
| Ambient temperature | -20 to +55 | °C |
| Approach speed max. | 20 | m/min. |
| Actuating- / extraction- / retention force | 10 / 20 / 10 | N |
| Locking force, Fmax. | 1300 | N |
| Locking force fzh (incl. safety margin acc. to GS-ET-19) | 1000 | N |
| Locking method | TP1: Mechanically locked, 1) unlocking by applying voltage up to position openend. 3) | |
| Actuator inserted: | TP2: Locking 1) by applying voltage. Opened 3) without voltage. TP3: Mechanically locked, 1) unlocking by applying voltage up to position unlocked. 2) | |
| Weight | approx. 0.5 | kg |
| Solenoid operating voltage | +10% -15% | V |
| On time | 100 | % |
| Connected load | 8 | W |
| Switching principle | Slow-action contact element | |
| Contact material | Silver alloy, gold flashed | |
| Type of connection | Plug connector BHA 12 | |
| Rated insulation voltage Ui | 50 | V |
| Rated impulse withstand voltage Uimp | 2.5 | kV |
| Utilization category according to EN 60947-5-1 | AC-15 2A 50 V DC-13 2A 24 V | |
| Switching voltage min. at 10mA | 12 | V |
| Switching current min. at 24 V | 1 | mA |
| Conventional thermal current Ith | 2 | A |
| Short circuit protection (control circuit fuse) | 2A gG | |
| BUTTON | | |
| Operating voltage max. | 42 | V |
| Breaking capacity max. | 250 | mW |

Masse in mm / Dimensions in mm



192

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