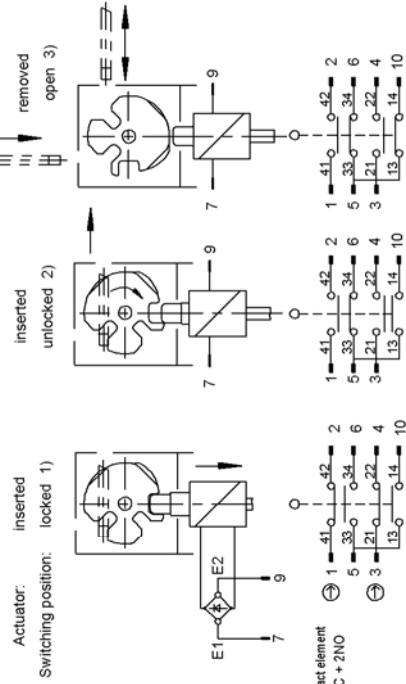


Minimum travel + overtravel	
Approach direction	Actuator standard
horizontal (h)	24.5 +5
vertical (v)	24.5 +5

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

**Switching principle**



**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)

**Approach direction**

The actuator head can be turned in the desired approach direction by undoing the fixing screws. Please order actuator separately.

Mount safety switch so that the emergency release can only be activated from the danger area.

Function:

- Lever in position : switch ready for operation
- Lever in position : switch unlocked



When actuating the emergency release, the door must not stay under tractive forces.

When activating the escape release, the contacts 21-22 and 41-42 are interrupted and the switch is unlocked mechanically. The state of the contacts 1x-1x and 3x-3x may vary.

**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)

Parameters	Value	Unit
Housing material	Reinforced thermoplastic	
Degree of protection according to IEC 60529	IP 65	
Installation position	any	
Mechanical service life	1 x 10 <sup>6</sup>	Switching cycles
Ambient temperature	-20 ... +55	°C
Approach speed max.	20	m/min
Actuating- / extraction- / retention force	35 / 30 / 20	N
Locking force, F max.	2500	N
Locking force Fzh (incl. safety margin acc. to GS-ET-19)	2000	N
Locking methods		
Actuator inserted:	STP3: Mechanically locked, 1) unlocking by applying voltage up to position unlocked 2). Open 3) if actuator is removed.	
Weight	approx. 0,5	kg
Solenoid operating voltage	+10% -15%	V
Duty cycle	AC/DC 24	%
Connected load	100	W
Switching principle	8	
Contact material	Slowaction contact element Silver alloy, gold flashed	
Connection Type	Connector BHA10	
Rated insulation voltage Ui	50	V
Rated impulse withstand voltage Uimp	2,5	kV
Utilization category according to EN 60947-5-1	AC-15 4A 50V DC-13 4A 24V	
Switching voltage min. 10mA	12	V
Switching current min. at 24V	1	mA
Conventional thermal current Ith	4	A
Short circuit protection (control circuit fuse)	4	A gG