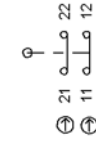
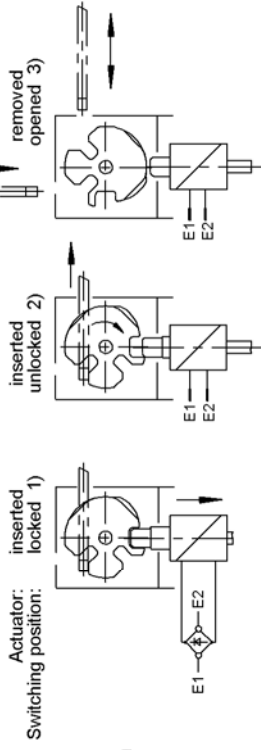


Type
STP1A-538..
STP2A-538..

Contact
element
2NC

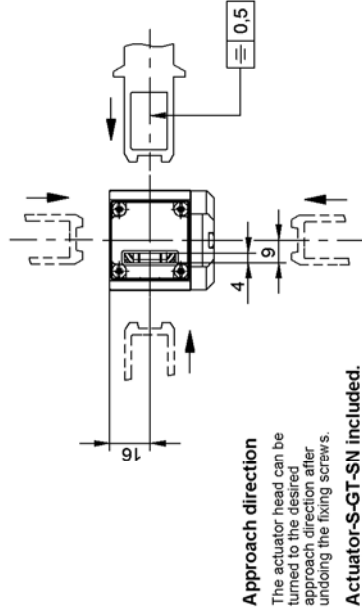


Switching principle



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!



Approach direction
The actuator head can be turned to the desired approach direction after undoing the fixing screws.
Actuator-S-GT-SN included.

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 thermoplastics (fibreglass)	
Environmental protection to IEC 60529	IP 67	
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	35 / 30 / 20 N	
Locking force, Fmax.	2500 N	
Locking force Fzh (incl. safety margin acc. to GS-ET-19)	2000 N	
Locking method	STP1: Mechanically locked, 1) unlocking by applying voltage up to position openend. 3)	
Actuator inserted:	STP3: Mechanically locked, 1) unlocking by applying voltage up to position unlocked. 2)	
Weight	approx. 0.5 kg	
Solenoid operating voltage	+10% / -15% AC/DC 24	
Connected load	AC110 AC230	
Switching principle	100 %	
Contact material	8 10 11	
Connection	Dependent action contact element Silver alloy, gold flashed	
Gross section max.	250 Srew terminal / 1,5 mm²	
Rated insulation voltage Ui	2.5 V	
Rated impulse withstand voltage Uimp	AC-15 4A 230V DC-13 4A 24V	
Utilization category according to EN 60947-5-1		
Switching voltage min. at 10 mA	12 V	
Switching current min. at 24 V	1 mA	
Conventional thermal current Ith	4 A	
Short circuit protection (control circuit fuse)	4A gG	