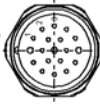


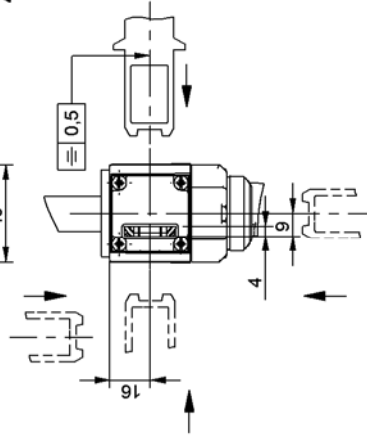
Plug connector - RC18
not aligned



Approach direction

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

Please order actuator separately.



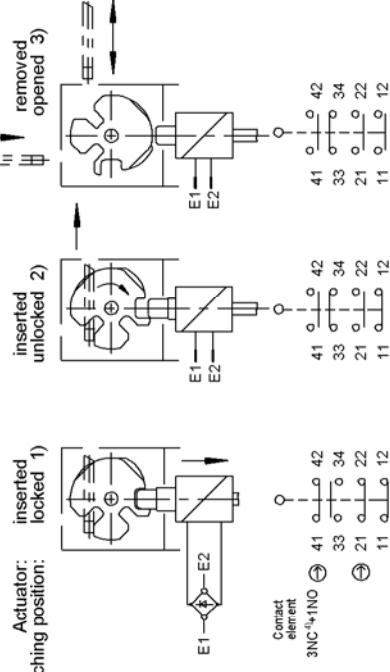
Always mount lever of the emergency release on recessed side.

Establish a positive fitting between shaft and lever.

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



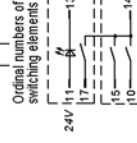
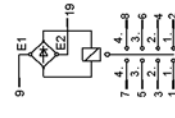
Mount safety switch so that the emergency release can only be activated from the danger area.

- 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.

Pin assignment, plug connector, LED + button



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 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	35 / 30 / 20	N
Locking force, F _{max}	2500	N
Locking force F _{zh} (incl. safety margin acc. to GS-ET-19)	2000	N
Locking method	STP1: Mechanically locked, 1) unlocking by applying voltage up to position opened. 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%	V
Connected load	AC/DC 24	%
Switching principle	8	W
Contact material	Dependent action contact element	
Connection	Silver alloy, gold flashed	
Gross section max.	Plug connector RC18 (18 Pin)	
Rated insulation voltage U _i	50	V
Rated impulse withstand voltage U _{imp}	1.5	KV
Utilization category according to EN 60947-5-1	AC-15 4A 50V DC-13 4A 24V	
Switching voltage min.	12	V
Switching current min. at 24 V	1	mA
Conventional thermal current I _{th}	4	A
Short circuit protection (control circuit fuse)	4A.gG	
BUTTON		
Operating voltage max.	42	V
Breaking capacity max.	250	mW