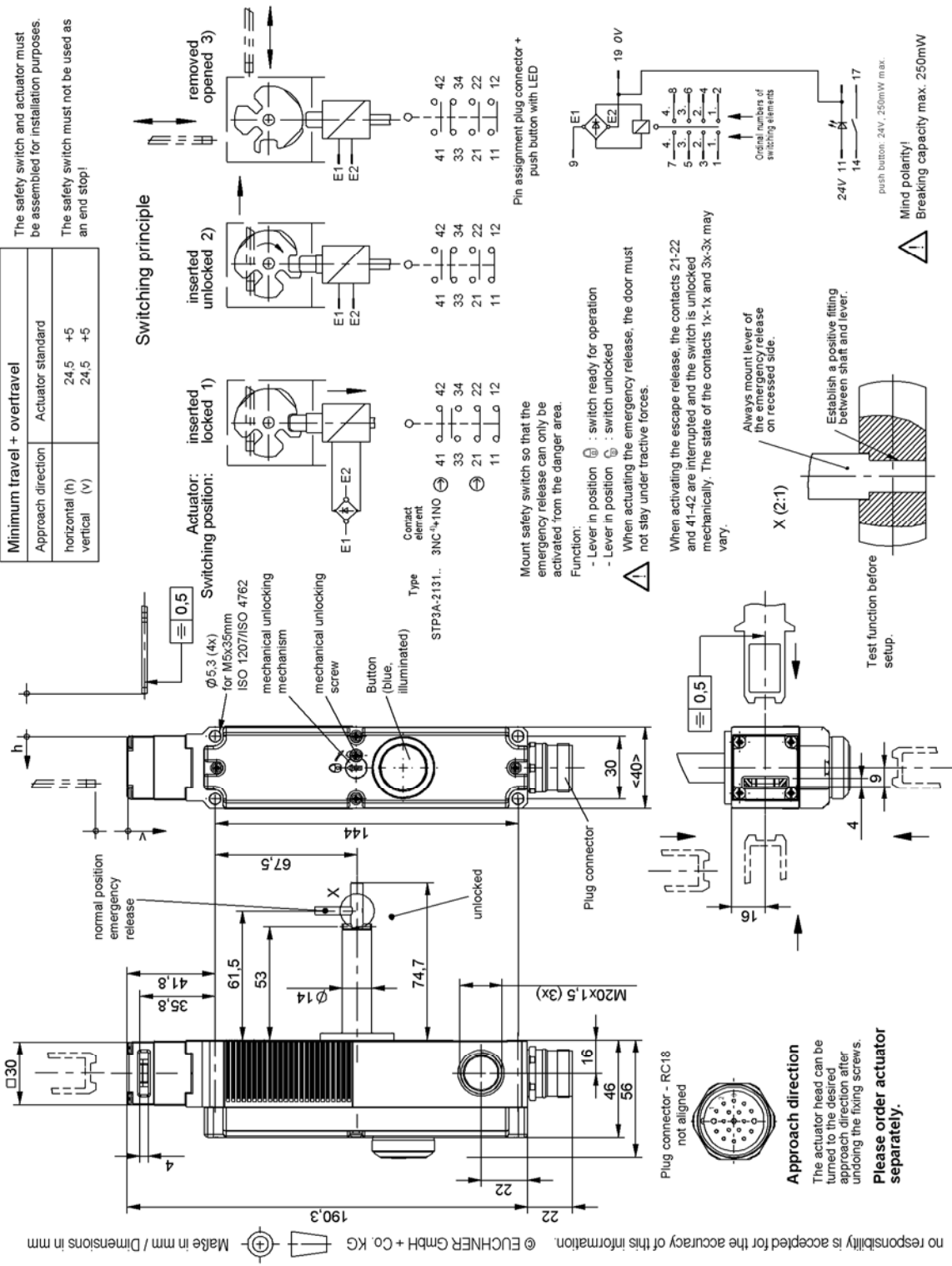


Technische Änderungen vorbehalten, alle Angaben ohne Gewähr / Subject to technical modifications;

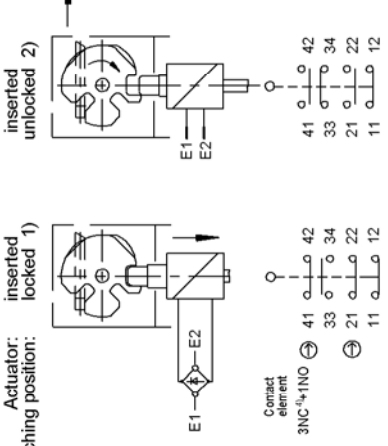


Minimum travel + overtravel	
Approach direction	Actuator standard
horizontal (h)	24.5 +5
vertical (v)	24.5 +5

The safety switch and actuator must be assembled for installation purposes.

The safety switch must not be used as an end stop!

Switching principle

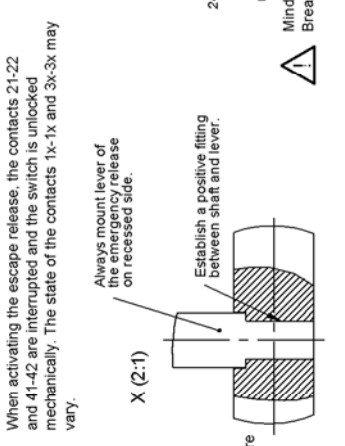


Mount safety switch so that the emergency release can only be activated from the danger area.

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.



Technical Data

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 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%	V
Connected load	AC/DC 24	%
Switching principle	100	W
Contact material	8	
Connection	Dependent action contact element	
Cross section max.	Silver alloy, gold flashed	
Rated insulation voltage U _i	Plug connector RC18 (18 Pin)	V
Rated impulse withstand voltage U _{imp}	50	V
Utilization category according to EN 60947-5-1	1.5	kV
Switching voltage min.	AC-15 4A 50V	
Switching current min. at 24 V	DC-13 4A 24V	V
Conventional thermal current I _{th}	12	V
Short circuit protection (control circuit fuse)	1	mA
	4	A
	4A gG	