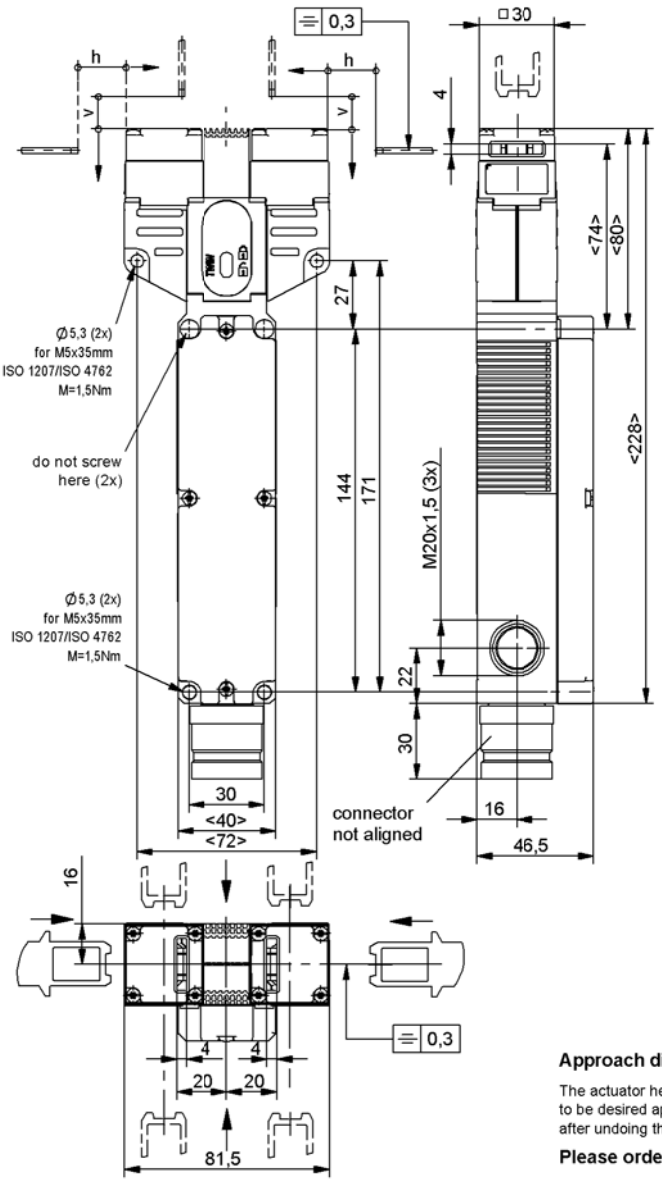
Datenblatt / Data Sheet STP-TW-3A-2131AC024-10C-DCX

EUCHNER



Minimum Travel - overtravel	
Approach direction	Standard actuator
horizontal (h)	24,5 +5
vertical (v)	24,5 +5

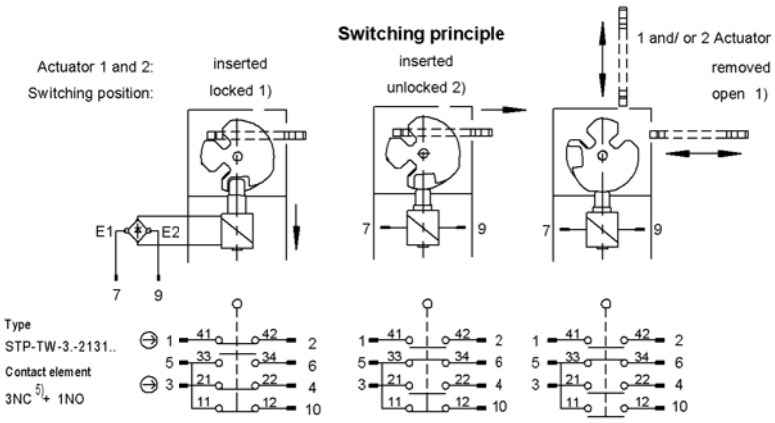
The safety switch and actuator must be assembled for installation purposes.

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

Attention!

To achieve the stated locking force, the mounting holes on the switch head must also be used.

Switching principle



5) 2 direct opening NC + 1 delayed NC as door contact

Approach direction

The actuator head can be turned to be 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 betw een 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 10^6	Sw ichting 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
Actuation frequency	1200	1/h
Locking methods Actuator inserted:	STP-TW-3: Mechanically locked, 1) unlocking by applying voltage up to position unlocked 2). Open 3) if actuator is removed.	
Weigth	approx. 0,6	kg
Solenoid operating voltage +10% -15%	AC/DC 24	V
Duty cycle	100	%
Connected load	8	W
Switching principle	Slowaction contact element	
Contact material	Silver alloy, gold flashed	
Type of connection	Plug 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

Technische Änderungen vorbehalten, alle Angaben ohne Gewähr / Subject to technical modifications; no responsibility is accepted for the accuracy of this information. © EUCHNER GmbH + Co. KG Maße in mm / Dimensions in mm

EUCHNER GmbH + Co. KG Kohlhammerstraße 16 70771 Leinfelden-Echterdingen Tel. +49/711/7597-0 Fax +49/711/753316 www.euchner.de info@euchner.de