TP-TW-3-2131AC024M (Order no. 102092)

Technical data

Approvals

Electrical connection values

Fuse		max. 4 A gG
Power consumption		8 W
Connection cross section		0.34 … 1.5 mm²
Rated insulation voltage U_i		250 V
Rated impulse voltage U_{imp}		2.5 kV
Utilization category		
	AC-15	4 A 230 V
	DC-13	4 A 24 V
Solenoid operating voltage		
	AC/DC	24 V -15% … +10%
Solenoid duty cycle		100 %
Switching voltage		
	min. at 10 mA	12 V
Switching current		
	min. at 24 V	1 mA
thermal rated current I_{th}		4 A

Mechanical values and environment

Anfahrgeschwindigkeit		max. 20 m/min
Approach direction		A and C (two actuating heads)
Connection type		
	3 x	M20 x 1.5
Number of door position NC contacts		1
Number of guard lock monitoring NO contacts		1

Number of guard lock monitoring positively driven contacts	2
Extraction force	20 N
Actuation frequency	max. 1200 1/h
Actuating force	10 N
Installation orientation	any
Storage temperature	–25 … 70 °C
Mechanical life	1 x 10^6
Retention force	10 N
Switching principle	Slow-action switching contact
Degree of protection	IP67
Ambient temperature	–20 … 55 °C
Material	
Contact	Silver alloy, gold flashed
Housing	Reinforced thermoplastic
Locking force F_{max}	1300 N
Locking force F_{Zh}	1000 N
Guard locking principle	Closed-circuit current principle

Characteristic values according to EN ISO 13849-1 and EN IEC 62061

	$B10_D$	Mission time
Guard lock monitoring	$2x10^6$	20 y
	Important! Values valid at DC-13 100 mA/24V	

	PL	Maximum SIL	Category	Mission time
Control of guard locking	Depending on external control of guard locking			20 y

In combination with actuator ACTUATOR-P-GT

Horizontal overtravel	2 mm
Vertical overtravel	1.5 mm