

STP3D-2131B072MC2393 (Order no. 117233)

Technical data

Approvals



Electrical connection values

Fuse	max. 4 A gG
Power consumption	ca. 8.5 W
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

DC 72 V -30% ... +25%

Solenoid duty cycle	100 %
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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

Anfahrsgeschwindigkeit	max. 20 m/min
Approach direction	B
Connection type	Cable connection $l=1,400$ mm
Number of guard lock monitoring NO contacts	1
Number of door position positively driven contacts	1
Number of guard lock monitoring positively driven contacts	2

Extraction force	30 N
Actuation frequency	max. 1200 1/h
Actuating force	35 N
Installation orientation	any
Insertion depth	24.5 mm
Storage temperature	-25 ... 70 °C
Mechanical life	1 x 10 ⁶
Retention force	20 N
Switching principle	Slow-action switching contact
Degree of protection	IP67
Ambient temperature	-20 ... 70 °C
Material	
	Housing Reinforced thermoplastic
	Contact Silver alloy, gold flashed
Locking force F _{max}	2500 N
Locking force F _{Zh}	2000 N
Guard locking principle	Closed-circuit current principle

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

	B10 _D	Mission time
Monitoring of the guard position	5x10 ⁶	20 y
	Important! Values valid at DC-13 100 mA/24V	
Guard lock monitoring	5x10 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