

Mechanical data		
Enclosure		Thermoplastic, glass fibre reinforced (UL 94-V0)
Cover		Thermoplastic, glass fibre reinforced (UL 94-V0)
Actuator		Plunger (Thermoplastic (UL 94-HB))
Actuating force	F_B	$5 \text{ N} \leq F_B \leq 30 \text{ N}$
Operating temperature		$-30 \text{ °C} \dots +75 \text{ °C}$
Storage temperature		$-40 \text{ °C} \dots +80 \text{ °C}$
Protection type		IP67 acc. EN 60529
Pollution degree (built-in switch)		3
Contact material		silver
Device Class (built-in switch)		Category E (MC3+CC2+SC1) acc. EN 60947-1 annex Q
Contact type		2 N.C. (Form Zb)
Operating rate	V	$0,06 \text{ m/min} \leq V \leq 30 \text{ m/min}$
Bounce duration	ms	$< 3 \text{ ms}$
Switchover time	ms	$< 8 \text{ ms}$
Switching frequency		$\leq 60 / \text{min.}$
Mechanical life		$0,5 \times 10^6$ operating cycles
Mission time		≤ 20 years
Connection		4 screw connections (M3)
Conductor cross-sections		Solid or Litz wire with ferrules $0,34 \text{ mm}^2 - 1,5 \text{ mm}^2$; AWG 22-16
Cable entrance		1 x M20 x1,5
Weight		$\approx 0,06 \text{ kg}$
Installation position		operator definable

Actuation	
The push bolt actuator is mainly intended to be actuated along its axis.	

ID for safety engineering	
B10d N.C.	1×10^6 cycles

Standards	
	DIN EN 60947-5-1
	UL 508 / CSA C22.2 No.14
	DIN EN ISO 13849-1

EU Conformity	
	acc. to directive 2014/35/EU (Low-Voltage-Directive)

Approvals	
	CCC
	cCSA _{US}
	cUL _{US}

Notes	
The degree of protection (IP code) specified applies solely to a property closed cover and the use of an equivalent cable gland with adequate cable.	