

Mechanical data		
Enclosure		Die-cast aluminium
Cover		Sheet aluminium
Actuating force	F_{bmin} F_{\ominus}	14 N + Force of the actuating device 25 N + Force of the actuating device
Operating temperature		-30 °C ... +75 °C
Storage temperature		-40 °C ... +80 °C
Protection type		IP66 / IP67 acc. EN 60529, Type 4X only with mounted actuating device
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 m/min $\leq V \leq 30$ m/min
Bounce duration		The value depends on the operating rate
Switchover time		The value depends on the operating rate
Switching frequency		≤ 60 / min.
Mechanical life		depending on the operating device up to 30×10^6 operating cycles
Mission time		≤ 20 years
Connection		Plug M12x1, 5-pole, A-coded
Earth bolt		1 x M3,5
Weight		$\approx 0,18$ kg
Installation position		operator definable

ID for safety engineering	
B10d N.C.	20×10^6 cycles

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

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

Approvals	
	CCC
	cULus

Notes

The degree of protection specified (IP code) applies only to a properly closed cover and the use of an equivalent connector.
The connector and the cable (fix or flexible mounted) must at least be suitable for the described ambient air temperatures.
The connector must not be connected or disconnected when voltage is applied.
The mechanical life of the connector is 100 connection cycles.

The information on the switching travel can be found in the data sheets of the actuator, as these depend on the actuator used.

Approvals / properties applies only to the fully assembled device.