



Mechanical data	
Enclosure	Thermoplastic, glass fibre reinforced (UL 94-V0)
Cover	Thermoplastic, glass fibre reinforced (UL 94-V0)
Actuator	Metal lever with plastic roller / lever in 15 ° increments adjustable
Operating temperature	-30 °C ... +75 °C
Storage temperature	-40 °C ... +80 °C
Protection type	IP66 / IP67 acc. EN 60529, Type 4X – Indoor Use only
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	1 N.C. (Form Zb), 1 N.O.
Bounce duration	ms < 3 ms
Switchover time	ms < 8 ms
Switching frequency	≤ 30 / min.
Mechanical life	100.000 switching cycles
Mission time	≤ 20 years
Connection	4 screw connections (M3)
Conductor cross-sections	0,34 mm <sup>2</sup> - 1,5 mm <sup>2</sup> ; AWG 22-16 (solid or stranded wire with ferrules)
Cable entrance	1 x M20 x1,5
Weight	≈ 0,25 kg
Installation position	operator definable

Actuation
The actuating device is preferably started from 2 sides. By lifting the clamp the actuation assembly can be rotated in 45° increments such that 16 actuation directions are possible. The actuation assembly is to be again fastened to the housing by lowering the clamp.

ID for safety engineering (electrical and mechanical)	
B10d Opening error (NC)	≤ 2 x 10 <sup>5</sup> cycles (@ DC-13; 24 V; I <sub>e2</sub> = 0,1 A)
B10d Closing error (NO)	≤ 2 x 10 <sup>5</sup> cycles (@ DC-13; 24 V; I <sub>e2</sub> = 0,1 A)

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
cUL <sub>US</sub>

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. The lever with roller and corresponding fixing material is supplied loose with the switch.