

Mechanical data			
Enclosure	Thermoplastic GV (UL94-V0)		
Cover	Thermoplastic GV (UL94-V0)		
Actuating head	Thermoplastic GV / Zn-GD		
Actuator	Separate actuator (St / PA)		
	Minimum actuating radius	R_{min}	400mm
	Velocity for actuating	V_{max}	0,5 ^m / _s
	Extraction force		≥ 27N
Interlocking principle	Magnetic force		
Unlocking	Spring force		
Hold on force	≤ 1500N acc. to GS-ET-19		
	F_{Zh}		
Ambient air temperature	-25°C ... +70°C		
Contact type	3 NC		
Switching principle	3 slow make and break contact elements		
Mechanical life	1 x 10 ⁶ switching cycles (at max. 600 switch operations / h)		
Assembly	4 x M5		
Connection	Cage tension spring		
Conductor cross-sections	≤ 1,5mm ² flexible		
Cable entrance	3 x M20x1,5		
Weight	≈ 0,30kg		
Installation position	Operator definable		
Protection type	IP67 acc. to IEC/EN 60529		

Actuation

4 different actuating directions achievable by rotating the actuating head.
Changing between horizontal and vertical actuating direction by setting the actuating head in the requested direction.

Standards

VDE 0660 T100, DIN EN 60947-1, IEC 60947-1
VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1
GS-ET-19

EU Conformity

CE

Approvals

BG
cCSA_{US} B300 (same polarity)

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 switch may not be used as a mechanical stop.

In case that power is removed from the solenoid the safety switch will be no longer in a locked position. Operator can open the guard! Attention has to be given to the risks of the machine in this situation.