



Mechanical data			
Enclosure			Thermoplastic GV (UL94-V0)
Cover			Thermoplastic GV (UL94-V0)
Actuating head			Thermoplastic GV / Zn-GD
Actuator			Separate actuator with dust protector (St / PA)
	Minimum actuating radius	$R_{min}$	350 mm
	Velocity for actuating	$V_{max}$	0,5 <sup>m</sup> / <sub>s</sub>
	Extraction force		≥ 27 N
Interlocking principle			Magnetic force
Unlocking			spring force
Hold on force		$F_{Zh}$	≤ 1500N acc. to GS-ET-19
Ambient air temperature			-25 °C ... +70 °C
Contact type			4 NC
Switching principle			4 slow make and break contact elements
Mechanical life			1 x 10 <sup>6</sup> switching cycles (at max. 600 switch operations / h)
Assembly			4 x M5
Connection			Cage tension spring
Conductor cross-sections			≤ 1,5 mm <sup>2</sup> flexible
Cable entrance			3 x M20x1,5
Weight			≈ 0,31 kg
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
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Approvals	cCSA <sub>US</sub> B300 (same polarity)
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### 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.