



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	$R_{min}$	150mm
	Velocity for actuating	$V_{max}$	0,5 <sup>m</sup> / <sub>s</sub>
	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	2 NC, 1 NO		
Switching principle	3 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	≤ 1,5mm <sup>2</sup> flexible		
Cable entrance	3 x M20x1,5		
Weight	≈ 0,43kg		
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.

<b>Standards</b>	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

<b>EU Conformity</b>	<b>CE</b>
----------------------	-----------

<b>Approvals</b>	BG
	cCSA <sub>US</sub> 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.