



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 <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, 2 NO
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			≤ 1,5mm <sup>2</sup> 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.	
<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

EU Conformity	CE

Approvals	
	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.