



| 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            |                          | $F_{Zh}$  | ≤ 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<br>(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.

|           |  |
|-----------|--|
| 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<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.