

SGP3H-538ASEM4 (Order no. 117242)

Technical data

Approvals



Electrical connection values

| | |
|---------------------------------|--------------------|
| Fuse | max. 4 A gG |
| Rated insulation voltage U_i | 50 V |
| Rated impulse voltage U_{imp} | 2 kV |
| Utilization category | |
| | AC-15 4 A 50 V |
| | DC-13 4 A 24 V |
| Switching voltage | min. 24 V |
| Switching current | |
| | min. at 24 V 30 mA |
| thermal rated current I_{th} | 1 A |

Mechanical values and environment

| | |
|--|-------------------------------|
| Anfahrsgeschwindigkeit | max. 20 m/min |
| Approach direction | A |
| Connection type | Plug connector M12 (4-pin) |
| Number of door position positively driven contacts | 2 |
| Extraction force | 25 N |
| Actuation frequency | max. 6700 1/h |
| Actuating force | 25 N |
| Installation orientation | any |
| Insertion depth | 24.5 mm |
| Storage temperature | -25 ... 70 °C |
| Mechanical life | 2×10^6 |
| Retention force | 10 N |

| | |
|----------------------|-------------------------------|
| Switching principle | Slow-action switching contact |
| Degree of protection | IP67 |
| Ambient temperature | -20 ... 60 °C |

Material

| | |
|---------|----------------------------|
| Contact | Silver alloy, gold flashed |
| Housing | Reinforced thermoplastic |

Characteristic values according to EN ISO 13849-1 and EN IEC 62061

| | B10 _D | Mission time |
|----------------------------------|---|--------------|
| Monitoring of the guard position | 3x10 ⁶ | 20 y |
| | Important! Values valid at DC-13 100 mA/24V | |