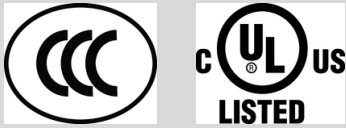


GSBF03K08-552-M (Order no. 088435)

Technical data

Approvals



Electrical connection values

| | | |
|---|------------------------------|------------|
| Fuse | max. 6 A gG | |
| Connection cross section | 0.14 ... 1.0 mm ² | |
| Rated insulation voltage U _i | 250 V | |
| Rated impulse voltage U _{imp} | 2.5 kV | |
| Utilization category | | |
| | AC-15 | 2 A 230 V |
| | DC-13 | 2 A 24 V |
| Switching current | | |
| | min. at DC 24V | min. 10 mA |
| thermal rated current I _{th} | 6 A | |

Mechanical values and environment

| | | |
|-------------------------------|--|--------------------------------------|
| Anfahrsgeschwindigkeit | 0.01 ... 8 m/min | |
| Connection type | | |
| | 3 x | M20 x 1.5 |
| Number of switching elements | 3 | |
| Number of changeover contacts | 3 | |
| Tightening torque | | |
| | Screw terminal | max. 0.2 Nm Hexagon socket AF 1.3 mm |
| Design | upright | |
| Actuating element | Ball plunger (Operating point accuracy ± 0.03. The reproducible operating point accuracy refers to the axial travel of the plunger after the switching element ES 552 has been run-in with approx. 2,000 operating cycles.) | |
| Actuating force | min. 15 N | |
| Installation orientation | any | |

Storage temperature -25 ... 80 °C

Mechanical life 10 x 10⁶

Switching principle Snap-action switching contact
(Contact bounce time ≤ 2 ms)

Degree of protection IP67

Plunger spacing 8 mm

Ambient temperature -5 ... 80 °C

Material

Contact Silver alloy, electro-gold plated

Housing Sand-cast aluminum, anodized