

GSBF04K08-552-M (Order no. 088438)

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	
	DC-13 2 A 24 V
	AC-15 2 A 230 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	4
Number of changeover contacts	4
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