

GSBF05K12-502-M (Order no. 088450)

Technical data

Approvals



Electrical connection values

Fuse	max. 8 A gG
Connection cross section	0.34 ... 1.5 mm ²
Rated insulation voltage U_i	250 V
Rated impulse voltage U_{imp}	2.5 kV
Utilization category	
	AC-12 8 A 250 V
	AC-15 6 A 230 V
	DC-13 6 A 24 V
Switching current	
	min. at DC 12V min. 10 mA
thermal rated current I_{th}	8 A

Mechanical values and environment

Anfahrsgeschwindigkeit	0.01 ... 10 m/min
Connection type	
	4 x M25 x 1.5
Number NC contacts	5
Number of switching elements	5
Number of NO contacts	5
Design	upright
Actuating element	Ball plunger (Operating point accuracy ± 0.01 . The reproducible operating point accuracy refers to the axial travel of the plunger after the switching element ES 502 E has been run-in with approx. 2,000 operating cycles.)
Actuating force	min. 20 N
Installation orientation	any

Storage temperature -25 ... 80 °C

Mechanical life 30 x 10⁶

Switching principle Snap-action switching contact
(Contact closing time<4 ms contact bounce time<3 ms)

Degree of protection IP67

Plunger spacing 12 mm

Ambient temperature -5 ... 80 °C

Material

Contact Silver alloy, gold flashed

Housing Die-cast aluminum, anodized