

GSBF06D08-552-M (Order no. 085987)

Series GSBF... 8 mm, mechanical

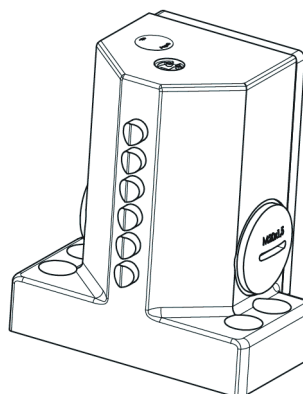
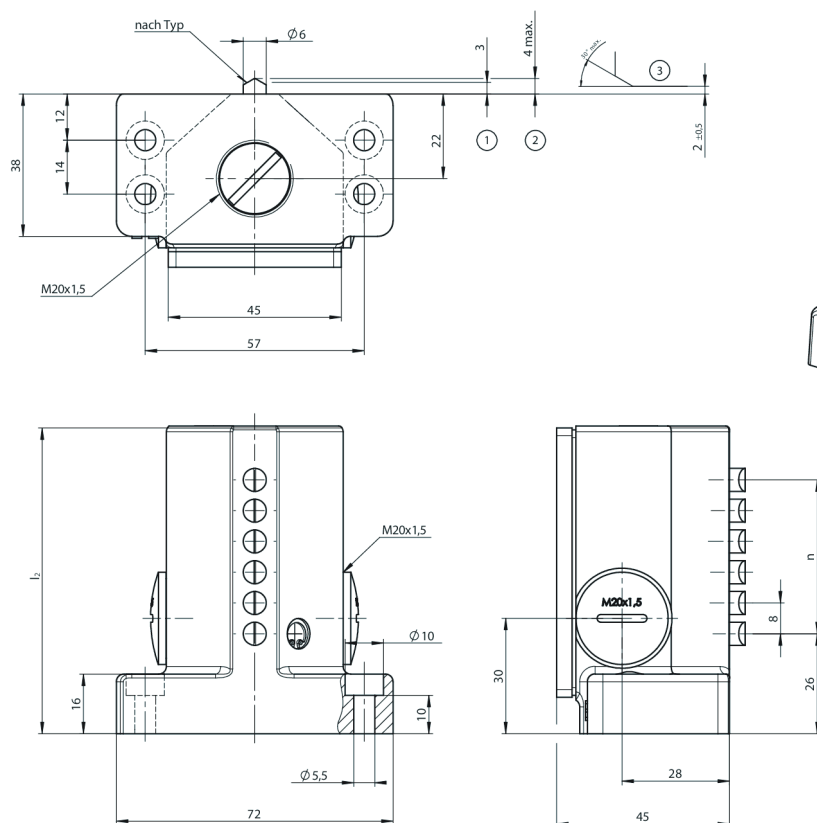
- ▶ Plunger spacing 8 mm
- ▶ Upright housing
- ▶ Degree of protection IP67 according to IEC 60529



Switching element

ES 552 Snap-action switching contact 1 changeover contact standard switching element

Dimensional drawings



20	192
18	176
16	160
14	144
12	128
10	112
8	96
6	80
5	80
4	64
3	64
2	48
n Anzahl der Stoessel	l ₂

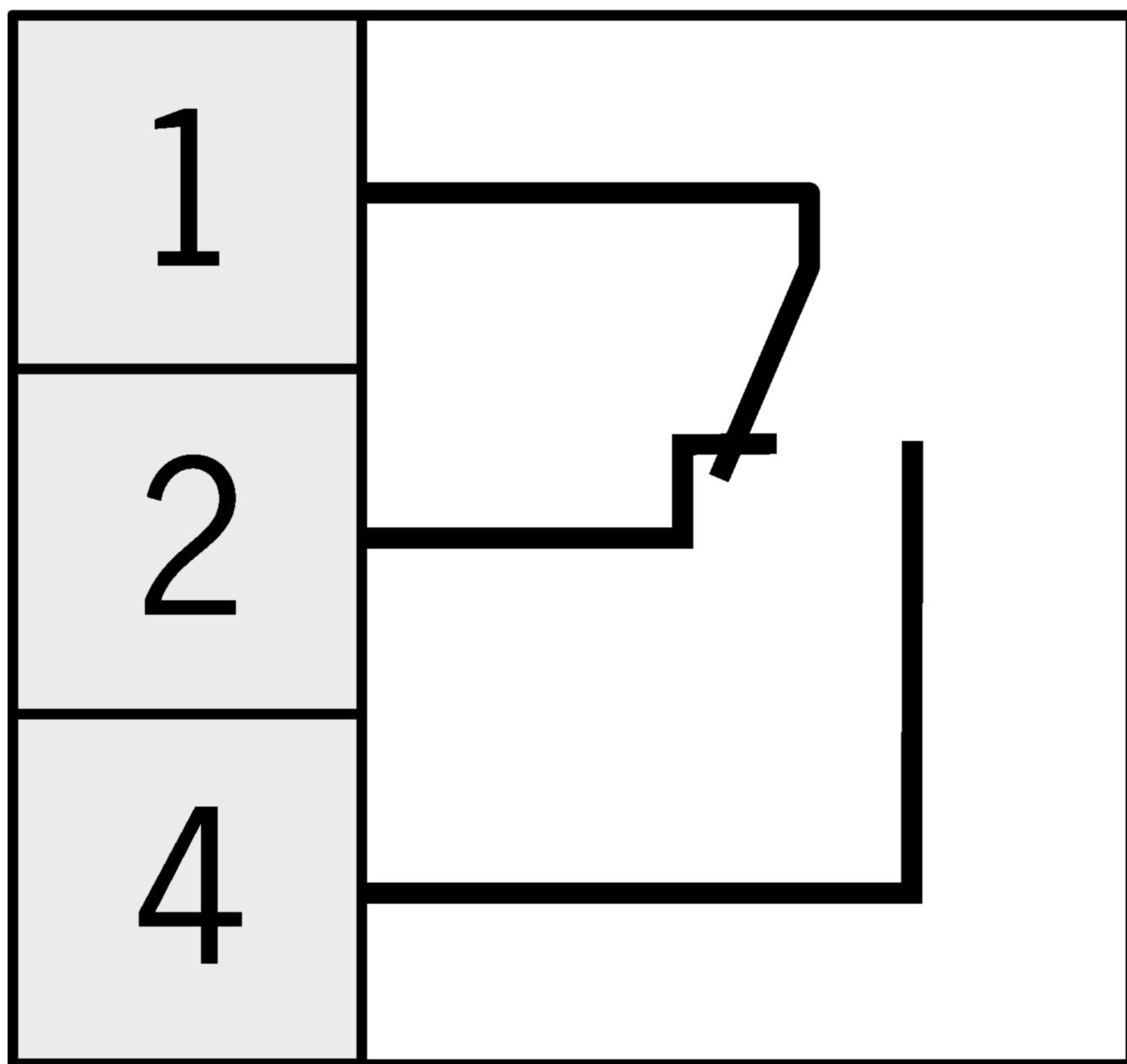
1 Operating point

2 Free position

3 Dog

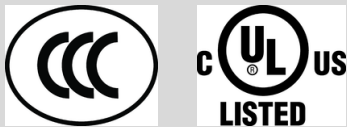
Connection examples

ES 552



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 ... 20 m/min
Connection type	
	3 x M20 x 1.5
Number of switching elements	6
Number of changeover contacts	6
Tightening torque	
	Screw terminal max. 0.2 Nm Hexagon socket AF 1.3 mm
Design	upright
Actuating element	Chisel plunger (Operating point accuracy ± 0.02 . 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