

GLBF02R16-502-M (ORDER NO. 085955)

Series GLBF... 16 mm, mechanical

- ▶ Plunger spacing 16 mm
- ▶ Horizontal housing
- ▶ Degree of protection IP67 according to IEC 60529

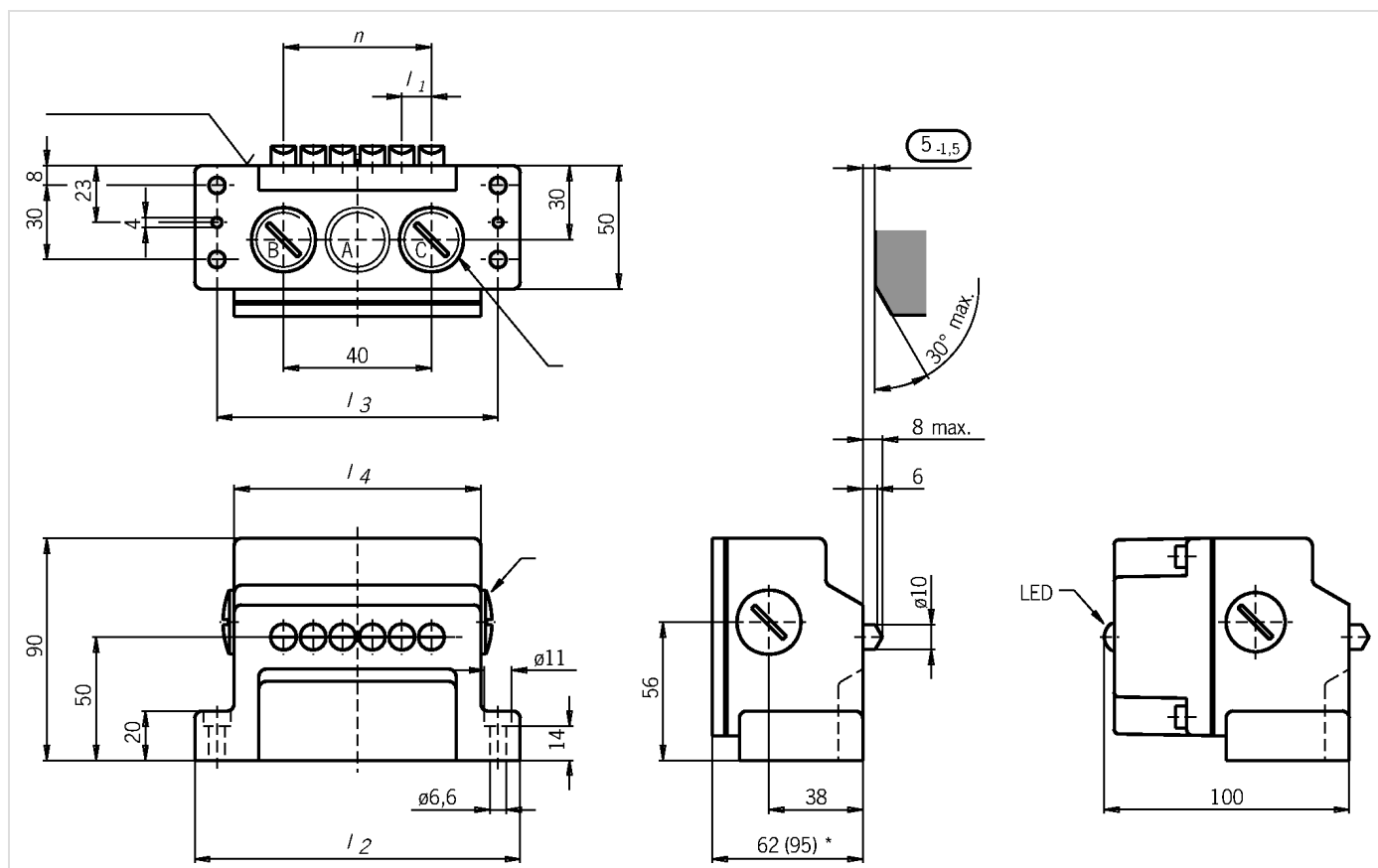


Description

Switching element

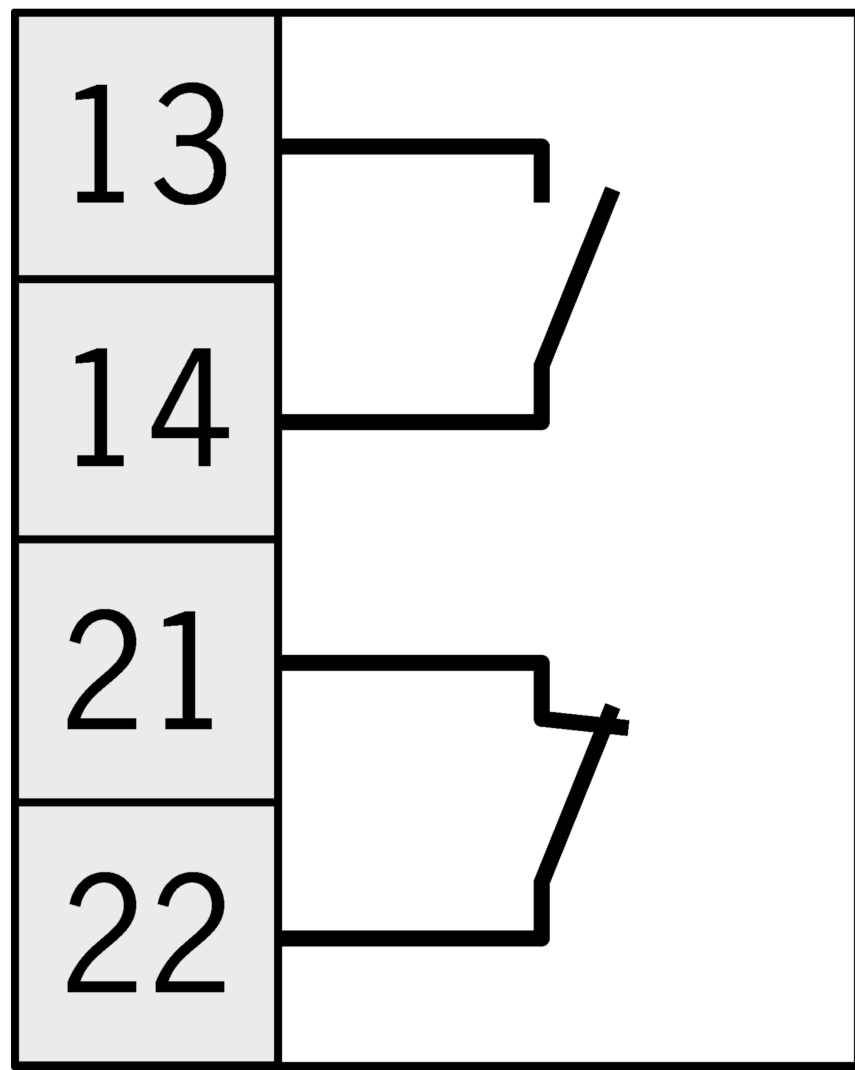
ES 502 E Snap-action switching contact 1 NC + 1 NO

Dimension drawings



Connection examples

ES 502 E



Technical data

Approvals



Electrical connection ratings

Connection cross-section	0.34 ... 1.5 mm ²
Rated impulse withstand voltage U _{imp}	2.5 kV
Rated insulation voltage U _i	250 V
Short circuit protection according to IEC 60269-1	8A gG
Switching current	
	min. at DC 12V min. 10 mA
thermal rated current I _{th}	8 A
Utilization category	
	AC-12 8A 250V
	AC-15 6A 230V
	DC-13 6A 24V

Mechanical values and environment

Actuating element	
	Slide bearing Roller 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
Ambient temperature	-5 ... +80 °C
Approach speed	0.01 ... 80 m/min
Connection	
	3 x M25 x 1.5
Degree of protection	IP67
Design	horizontal
Installation orientation	any
Material	
	Contact Silver alloy, gold flashed
	Housing Sand-cast aluminum, anodized
Mechanical life	30 x 10 ⁶
Number NC contacts	2
Number of NO contacts	2
Number of switching elements	2
Plunger spacing	16 mm
Switching principle	Snap-action switching contact (Contact closing time 4 ms, contact bounce time 3 ms)

Contacts

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