

GLBF04R12-502-M (Order no. 085938)

Series GLBF... 12 mm, mechanical

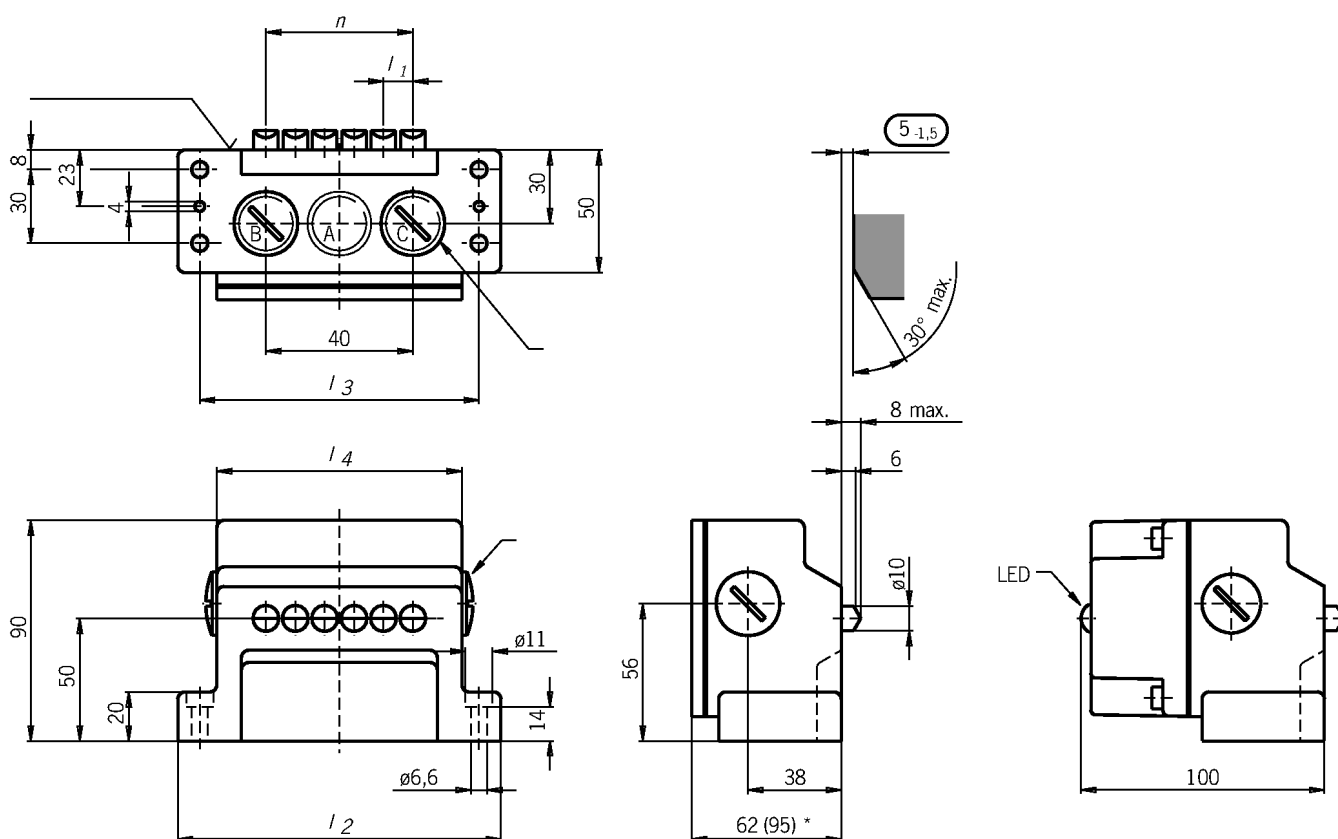
- ▶ Plunger spacing 12 mm
- ▶ Horizontal housing
- ▶ Degree of protection IP67 according to IEC 60529



Switching element

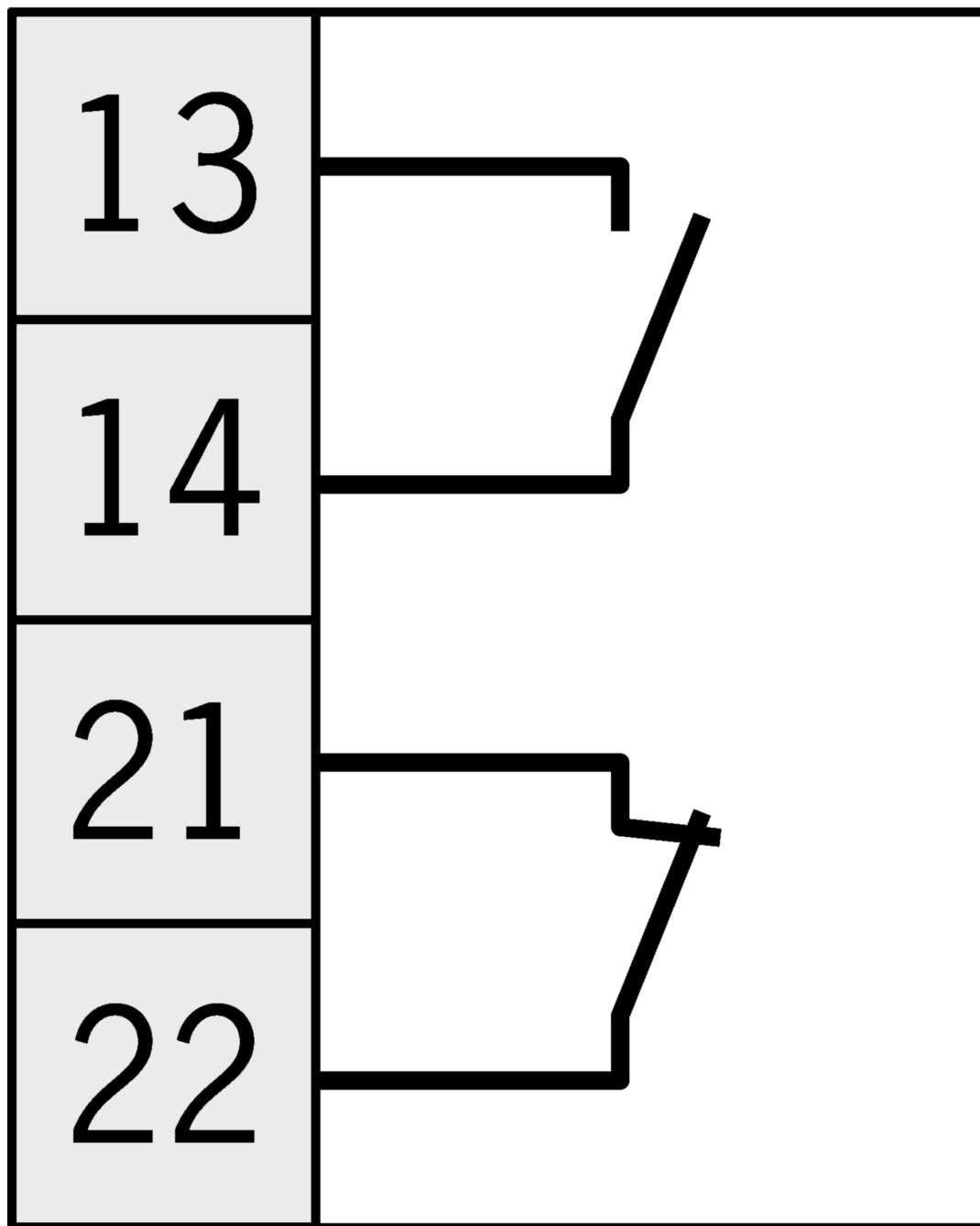
ES 502 E Snap-action switching contact 1 NC + 1 NO

Dimensional drawings



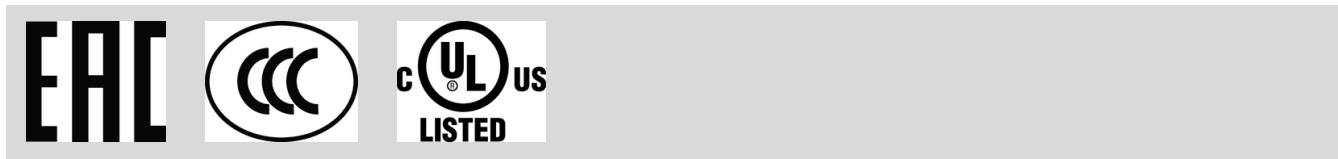
Connection examples

ES 502 E



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-15 6 A 230 V
	DC-13 6 A 24 V
	AC-12 8 A 250 V
Switching current	
	min. at DC 12V min. 10 mA
thermal rated current I_{th}	8 A

Mechanical values and environment

Anfahrsgeschwindigkeit	0.01 ... 80 m/min
Connection type	
	3 x M25 x 1.5
Number NC contacts	4
Number of switching elements	4
Number of NO contacts	4
Design	horizontal
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

Installation orientation	any
Storage temperature	-25 ... 80 °C
Mechanical life	30 x 10 ⁶
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

Housing	Sand-cast aluminum, anodized
Contact	Silver alloy, gold flashed

Downloads

All documentation for this material can be found on our website:

<https://www.euchner.de/en-us/a/085938/?#downloads-tab>

Ordering data

Ordernumber	085938
Item designation	GLBF04R12-502-M
Gross weight	0,813kg
Global Trade Item Number (GTIN)	4047048004801
Customs tariff number	85365019000
ECLASS	27-27-06-02 Multi-position switch