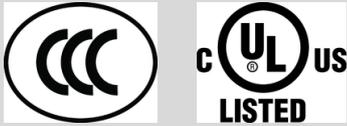


**RGBF03R12-502LE220-M (Order no. 111582)**

## Technical data

### Approvals



### Electrical connection values

Fuse	max. 8 A gG	
Connection cross section	0.34 ... 1.5 mm <sup>2</sup>	
Display module	AC	187 ... 220 ... 253 V LED
Rated insulation voltage U <sub>i</sub>	250 V	
Rated impulse voltage U <sub>imp</sub>	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 <sub>th</sub>	8 A	

### Mechanical values and environment

Anfahrgeschwindigkeit	0.01 ... 80 m/min	
Connection type	4 x	M25 x 1.5
Number NC contacts	3	
Number of switching elements	3	
Number of NO contacts	3	
Design	upright, according to DIN 43697	
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<sup>6</sup>

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 Die-cast aluminum, anodized

Contact Silver alloy, gold flashed