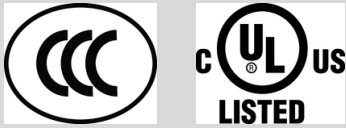


**SN02DQ12-502-M (Order no. 111519)**

## Technical data

### Approvals



### Electrical connection values

Fuse	max. 8 A gG	
Connection cross section	0.34 ... 1.5 mm <sup>2</sup>	
Rated insulation voltage U <sub>i</sub>	250 V	
Rated impulse voltage U <sub>imp</sub>	2.5 kV	
Utilization category		
	DC-13	6 A 24 V
	AC-12	8 A 250 V
	AC-15	6 A 230 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 ... 40 m/min	
Connection type		
	2 x	M20 x 1.5
Number NC contacts	2	
Number of switching elements	2	
Number of NO contacts	2	
Actuating element	Chisel plunger, transverse (Operating point accuracy ± 0.002. 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 Contact bounce time<3)
Degree of protection	IP67
Plunger spacing	12 mm
Ambient temperature	-5 ... 80 °C
Material	
	Housing Die-cast aluminum, anodized
	Contact Silver alloy, gold flashed