

SN02D12-502-MC2134 (Order no. 097868)

Technical data

Approvals



Electrical connection values

Fuse	max. 4 A gG	
Connection cross section	0.34 ... 1.5 mm ²	
Rated insulation voltage U _i	50 V	
Rated impulse voltage U _{imp}	1.5 kV	
Utilization category		
	AC-15	4 A 30 V
	DC-13	4 A 24 V
Switching current		
	min. at DC 12V	min. 10 mA
thermal rated current I _{th}	4 A	

Mechanical values and environment

Anfahrsgeschwindigkeit	0.01 ... 40 m/min	
Connection type	1 x plug connector (5-pin, not adjustable. Cable outlet for angle plug connector to the rear.)	
Number NC contacts	2	
Number of switching elements	2	
Number of NO contacts	2	
Design	upright	
Actuating element	Chisel plunger	
Actuating force	min. 20 N	
Installation orientation	any	
Storage temperature	-25 ... 80 °C	
Mechanical life	30 x 10 ⁶	
Contact bounce time	max. 3 ms	
Switching principle	Snap-action switching contact	

Operating point accuracy $\pm 0,002$
 (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.)

Schließzeit max. 4 ms

Degree of protection IP67

Plunger spacing 12 mm

Ambient temperature $-5 \dots 80 \text{ }^\circ\text{C}$

Material

Housing Die-cast aluminum, anodized

Contact Silver alloy, gold flashed

Miscellaneous

C number

C2134

Additional information

Housing without earth conductor!

(All the electrical connections must either be isolated from the mains supply by a safety transformer according to EN IEC 61558-2-6 with limited output voltage in the event of a fault, or by other equivalent insulation measures.)