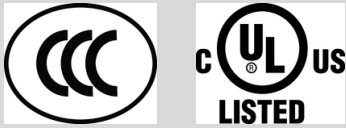


SN02D12-502-MC2271 (Order no. 105794)

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		
	DC-13	4 A 24 V
	AC-15	4 A 30 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	1x plug connector M12 (5-pin, angle plug connector: cable outlet adjustable, max. 270°. Default setting for cable outlet 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 ... 80 °C
Material	
	Housing Die-cast aluminum, anodized
	Contact Silver alloy, gold flashed

Miscellaneous

C number	
	C2271