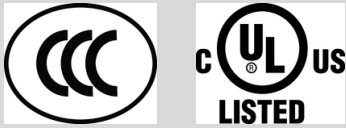


SN02W12-502-MC2501 (Order no. 159868)

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 |
| | AC-12 | 8 A 250 V |
| | DC-13 | 6 A 24 V |
| Switching current | | |
| | min. at DC 12V | min. 10 mA |
| thermal rated current I _{th} | 8 A | |

Mechanical values and environment

| | | |
|------------------------------|--|-----------|
| Anfahrgeschwindigkeit | 0.01 ... 10 m/min | |
| Connection type | | |
| | 2 x | M20 x 1.5 |
| Number NC contacts | 2 | |
| Number of switching elements | 2 | |
| Number of NO contacts | 2 | |
| Design | upright | |
| Actuating element | Rounded plunger (Attention: A shorter mechanical life is to be anticipated with a side approach direction.) | |
| Actuating force | min. 20 N | |
| Installation orientation | any | |
| Storage temperature | -40 ... 80 °C | |

| | |
|--------------------------|--|
| Mechanical life | 10 x 10 ⁶ (Without lubricant reduced mechanical life) |
| Contact bounce time | max. 3 ms |
| Switching principle | Snap-action switching contact |
| 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.) |
| Schließzeit | max. 4 ms |
| Degree of protection | IP40 |
| Plunger spacing | 12 mm |
| Ambient temperature | -40 ... 80 °C |
| Material | |
| | Housing Die-cast aluminum, anodized |
| | Contact Silver alloy, gold flashed |

Miscellaneous

| | |
|----------|-------|
| C number | |
| | C2501 |