

**S4\_M12\_Alle**

01.04.2021

**Equipped stainless steel enclosure with M12 cable entry (8 poles)  
for profile rail mounting - 1 mounting hole**

**General Data**

|                              |                                                                                                    |
|------------------------------|----------------------------------------------------------------------------------------------------|
| Type reference               | S41_01; S42_02; S43_03                                                                             |
| Description                  | Equipped stainless steel enclosure                                                                 |
| Approvals                    | CE, TÜV_Süd, UKCA                                                                                  |
| Contact type                 | emerg.stop, pos.1: 2 NC pushbuttons, pos.2/3: 1 NO each                                            |
| Degree of protection         | IP54                                                                                               |
| Connection type              | 8-pole M12 (m)emerg.stop:pin 1-2 NC1; pin 3-4: NC2 pushbutton 1:pin 5-6:NO pushbutton 2:pin 7-8:NO |
| Contact material             | AgNi, gold-plated                                                                                  |
| Max. storage temperature     | -25°C ... 80°C                                                                                     |
| Max. operating temperature   | -25°C ... 70°C                                                                                     |
| Mechanical life              | switching cycles: emergency-stop: 50,000<br>pushbuttons: 1 million                                 |
| Electrical life (rated load) | switching cycles: emergency-stop: 50,000<br>pushbuttons: 1 million                                 |
| Bouncing time NO             | < 10ms                                                                                             |
| Bouncing time NC             | < 10ms                                                                                             |
| Positive opening contact     | acc. to EN60947-5-1, appendix. K (emerg.stop)                                                      |

**General data**

|                                      |                                          |
|--------------------------------------|------------------------------------------|
| Rated impulse voltage                | 800 V (M12 connector)                    |
| Positive opening travel              | > 3 mm                                   |
| Release                              | twist release, left or right (E-stop)    |
| Standards                            | EN 60947-5-1, EN 60947-5-5, EN ISO 13850 |
| Tightening torque (enclosure screws) | 0.5 Nm                                   |

**Electrical features**

|                     |                                      |
|---------------------|--------------------------------------|
| Operational voltage | 1 V ... 24 V (UL: 30 VDC, 50 mW max) |
| Operational current | 1 mA ... 250 mA                      |

**Note**


S41\_01: emerg.stop in stainless steel enclosure  
S42\_02: emerg.stop and 1 pushbutton in stainless steel enclosure  
S43\_03: emerg.stop and 2 pushbuttons in stainless steel enclosure

Mounting: fastening clip on top/at the bottom (incl. T-shaped sliding block)  
Emerg. stop: FRVKOO\_AU (2 NC)  
Pushbuttons: SSWTI (1 NO) incl. set of lenses (all colours),  
without nameplate

Approvals: emerg.stop: TÜV, UR  
Pushbuttons: CCC, VDE, ENEC 10

Data Sheet: art.no.: 615403901

