

Datasheet

→ **S42_02** 

12/10/2025



Technical data

Equipped stainless steel housing with M12 connection for profile mounting

Type	S42_02
Series	S4
Rubric	Equipped stainless steel enclosure
Approvals	CE, TÜV_Süd, UKCA



→ General data

Mounting holes	2
Operating temperature	-25 °C ... 70 °C
Enclosure colour	Stainless steel, brushed
Contact material	AgNi gold-plated
Storage temperature	-25 °C ... 80 °C
Material	Stainless steel enclosures
Degree of protection front	IP54

Control elements

- Emergency stop FRVKOO_AU (2 NC)
- Buttons SSWTI_AU (1 NO), incl. button cap set (all colors), without label

→ Electrical data

Rated surge voltage	800 V M12 connector
Electrical lifetime	50,000 switching cycles emergency-stop 1,000,000 switching cycles pushbuttons

Bouncing time	< 10 ms NC < 10 ms NO
Supply voltage	1 V ... 24 V DC UL: 30 VDC, 50 mW max.
Supply operating current	1 mA ... 250 mA DC

Pin assignment

Control element	Contact	Pins
Not-Stop	NC 1	1 - 2
	NC 2	3 - 4
Pushbutton	NO 1	5 - 6

→ Mechanical data

connection	M12 connector 8-polig A coded
Tightening torque screws	0.5 Nm enclosures
Release	Twist to release left/right
Mechanical lifetime	50,000 switching cycles emergency-stop 1,000,000 switching cycles pushbuttons
Positive opening	Acc. to EN60947-5-1, appendix K Forced opening distance > 3 mm

Instructions for mounting

- Fastening tab top/bottom (incl. sliding block)

Technical drawings

→ Dimensional drawing

