

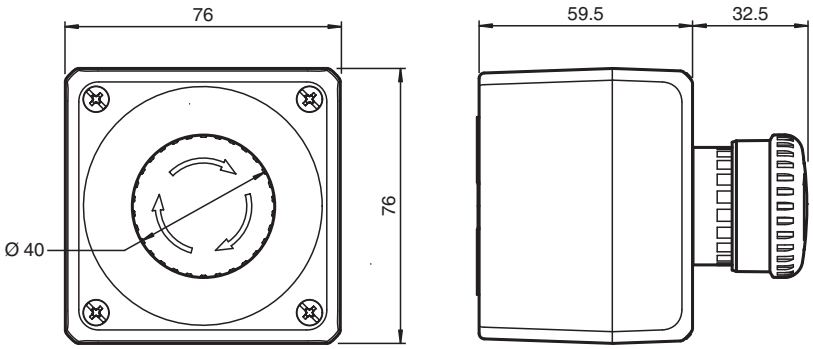
Emergency stop button

VAZ-2E1A-F85A-S

- 2-channel, compelled connected
- Integrated illumination in the actuator
- EMERGENCY STOP unlocking by turning or pulling

Emergency stop button

Dimensions



Technical Data

Functional safety related parameters		
B_{10d}		100000
Electrical specifications		
Rated operating voltage	U_e	24 V AC/DC, ± 10 %
Rated operating current	I_e	14 mA
Insulation resistance		min. 100 MΩ
Input		
Number/Type		2 NC Safety function by positive opening in accordance with IEC/EN 60947-5-1 Reset by pulling or turning
Supply		24 V AC/DC
Output		
Number/Type		LED red
Supply		24 V AC/DC
Compliance with standards and directives		
Directive conformity		

Release date: 2020-06-15 Date of issue: 2020-06-15 Filename: 246775_eng.pdf

Technical Data

Machinery Directive 2006/42/EC	EN ISO 13850:2008 (applicable sections) EN ISO 13849-1:2006 (calculation of B10d value, Appendix C)
Low Voltage Directive 2006/95/EC	EN 60947-1:2007 EN 60947-5-5/A1:2005
Standard conformity	
Functional safety	EN 60947-1:2007 , EN 60947-5-1:2005, EN 60947-5-5/A1:2005
Degree of protection	EN 60529:2000
Ambient conditions	
Ambient temperature	-20 ... 55 °C (-4 ... 131 °F) (no freezing)
Storage temperature	-45 ... 80 °C (-49 ... 176 °F)
Relative humidity	45 ... 80 % , noncondensing
Mechanical specifications	
Degree of protection	IP65 (front), IP20 (rear)
Connection	screw terminals
Life span	> 250,000 switching operations

Matching system components

	**VAA-2E1A-G10-SAJ/EA2J-1M**	G10 safety module2 safety inputs and1 standard electronic output
	**VAA-2E1A-G10-SAJ/EA2J-2X1M**	G10 safety module2 safety inputs and1 standard electronic output

Accessories

	**VAZ-F85A-SH**	Actuating protection for emergency off button
	**VAZ-F85A-MH**	Mounting aid for EMERGENCY STOP button

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