



Emergency stop button

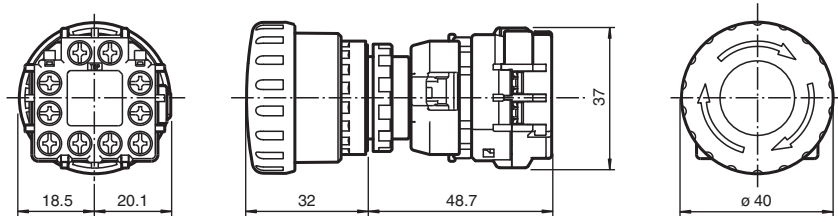
VAZ-2E1A-PM-S

- 2-channel, compelled connected
- Overload-protected in accordance with IEC 60947-5-5
- Integrated illumination in the actuator
- TÜV-approval for system components is available
- Biased actuator for self-monitoring
- EMERGENCY STOP unlocking by turning or pulling

Illuminated emergency stop button, 2-channel, force-guided



Dimensions



Technical Data

General specifications

UL File Number E198304

Functional safety related parameters

MTTF_d 284 a

B_{10d} 2 E+5

Electrical specifications

Rated operating voltage U_e 24 V AC/DC

Rated operating current I_e 5 A

Surge protection Category II

Insulation resistance min. 100 MΩ

Bulb 15 mA

Input

Number/Type 2 NC
Safety function by positive opening
in accordance with IEC/EN 60947-5-1
Reset by pulling

Output

Number/Type LED red

Directive conformity

Electromagnetic compatibility

Directive 2014/30/EU IEC 60947-5-5

Standard conformity

Degree of protection IEC 60529

Electrical safety EN/IEC 60947-5-5

Functional safety IEC 60947-5-1
IEC 60947-5-5

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Technical Data

| Ambient conditions | |
|--------------------------------------|---|
| Ambient temperature | -25 ... 55 °C (-13 ... 131 °F) (no freezing) |
| Storage temperature | -40 ... 80 °C (-40 ... 176 °F) |
| Relative humidity | 45 ... 85 % , noncondensing |
| Pollution degree | 3 |
| Mechanical specifications | |
| Operating force | Push: 32 N Pull: 21 N Turn: 0.27 Nm Minimum for positive opening: 80 Nm |
| Operating distance | for positive opening operation: min. 4 mm maximal: 4.5 mm |
| Degree of protection | IP65 depends on mounting point |
| Connection | Cable cross section 0.75 mm ² to 1.25 mm ² (AWG 18 to 16) , screw terminals |
| Installation | Installation in 22 mm hole |
| Mass | 72 g |
| Tightening torque, fastening screws | 2 Nm |
| Tightening torque of clamping screws | 0.6 to 1 Nm |
| Life span | > 250,000 switching operations |

Connection Assignment

