



Ex command device Ex ES 97 RT-11 -20°C Article no.: 1332187

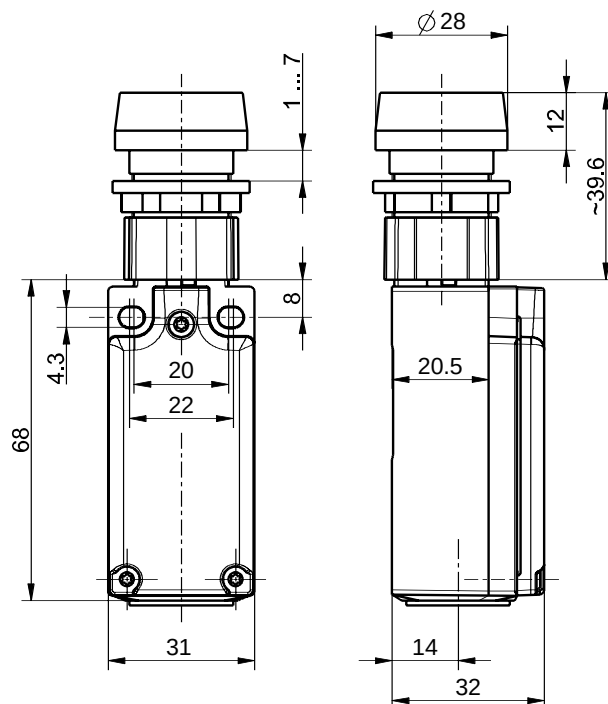
Product features

- Ex zone 1 and 21
- Control panel mounting
- Thermoplastic enclosure
- High degree of protection IP66 / IP67 / IP69
- Design to EN 50047
- Wiring compartment
- Mounting hole diameter 22.5 mm
- Actuator: Push button RT
- Actuator made of plastic

Notes

- 1 Ex"e" cable gland M20x1.5 included in delivery

Dimensions



Technical data

Applied standards

EN IEC 60079-0, EN 60079-1, EN IEC 60079-7, EN 60079-31, EN 60947-5-1, EN ISO 13849-1

Enclosure

thermoplastic, glass-fibre reinforced, shockproof, self-extinguishing UL 94 V-0

Cover

thermoset, glass-fibre reinforced, shockproof, self-extinguishing UL 94 V-0

Sealing

silicone

Degree of protection

device: IP66/IP67 (EN 60079-0 + IEC/EN 60529), IP67/IP69 (IEC/EN 60529), IP69K (ISO 20653)
actuator: IP65 (IEC/EN 60529)

B_{10d} (10 % load)

2 million

T_M

max. 20 years

Contact material

Silver, nickel-plated

Switching system

slow action, positive break NC contacts ⊖

Switching elements

1 NC/1 NO contact, type Zb

Connection

screw connection terminals

Cable cross-section

min. 0.75 mm² (AWG 18), max. 1.5 mm² (AWG 16), incl. conductor ferrules

Cable entry

M20 x 1.5; screwing depth max. 9 mm; use only Ex approved and certified cable glands with min. degree of protection IP66 and suitable for the specified ambient temperature range

Clamping range

7 ... 12 mm

Utilisation category

AC-15

Rated operating current I_e

max. 6 A or 3 A ☐

Rated operating voltage U_e

max. 250 VAC

Errors and omissions excepted.



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Technical data (contd.)

Degree of pollution
3

Mechanical life
1 million operations

Impact energy
max. 7 J

Ambient temperature
-20 °C ... +45 °C max. 6 A,
-20 °C ... +60 °C max. 3 A

Short-circuit protection
3 A / 6 A gG/gN fuse

Ex marking

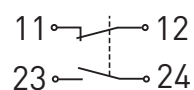
⊕ II 2G Ex db eb IIC T6 Gb,
⊕ II 2D Ex tb IIIC T80 °C Db
IECEx Ex db eb IIC T6 Gb,
Ex tb IIIC T80 °C Db

Approvals

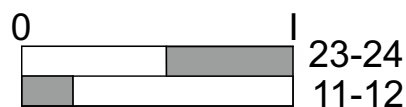
BVS 16 ATEX E 052
IECEx BVS 16.0052



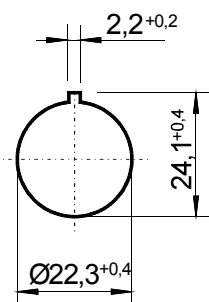
Contact diagram



Switching diagram



Cut out dimensions



Errors and omissions excepted.