



## Ex command device Ex ES 97 RWA-11 -20°C Article no.: 1479414

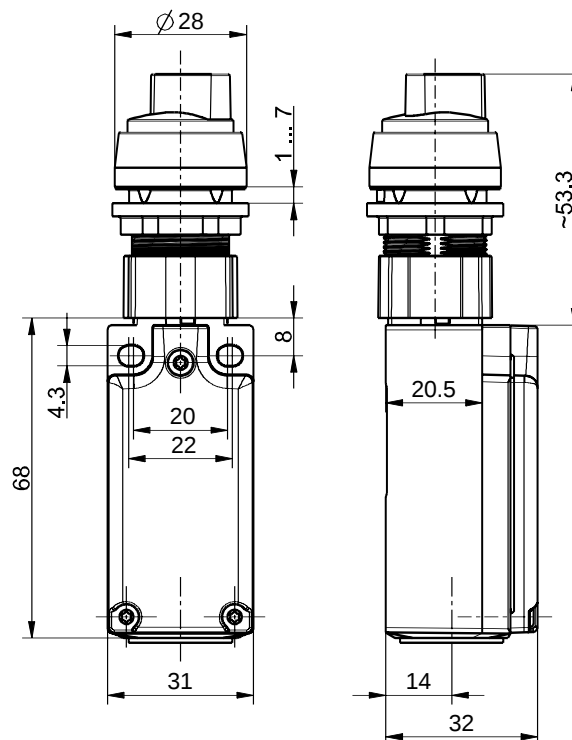
### Product features

- 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: Selector RW with rest positions
- Switching position RWA 0-I
- 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<sub>10d</sub> (10 % load)

2 million

#### T<sub>M</sub>

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 mm<sup>2</sup> (AWG 18), max. 1.5 mm<sup>2</sup> (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

Errors and omissions excepted.



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### Technical data (contd.)

Rated operating current  $I_e$   
max. 6 A or 3 A

Rated operating voltage  $U_e$   
max. 250 VAC

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

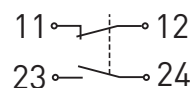
Short-circuit protection  
3 A / 6 A gG/gN fuse

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

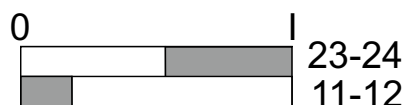
Approvals  
BVS 16 ATEX E 052  
IECEx BVS 16.0052



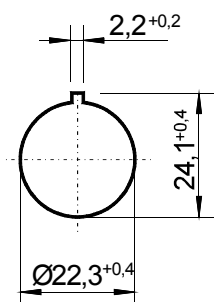
### Contact diagram



### Switching diagram



### Cut out dimensions



### Switching position RWA



2 switching positions  
Switching angle 90°