

Safety control unit

AOS 124

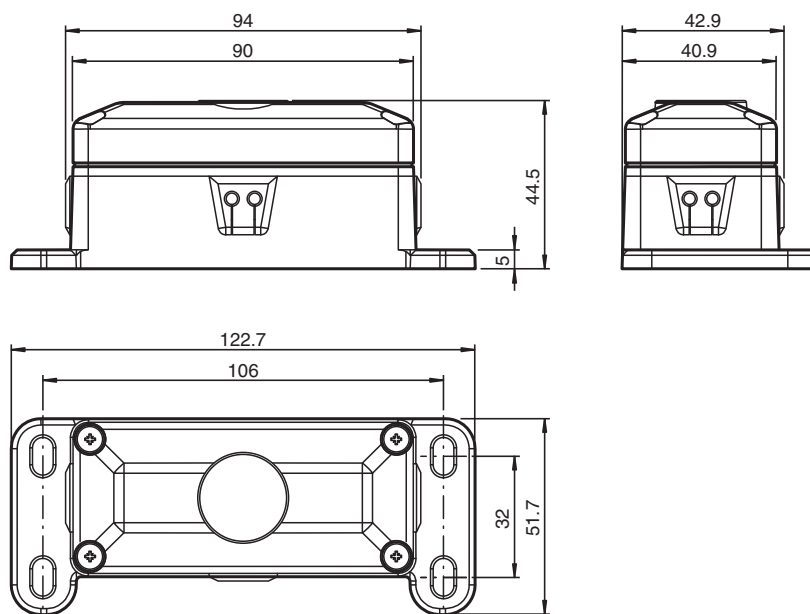


- Safety control unit
- one OSE input
- LED display indicators
- for door leaf mounting
- relay output and test input

Safety control unit



Dimensions



Technical Data

General specifications

Marking	CE
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Indicators/operating means

Function indicator	two yellow indicator LEDs when both light up, the NO is closed and the NC is open
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Electrical specifications

Operating voltage	U_B	19 ... 35 V DC 19 ... 30 V AC
Power consumption	P_0	< 1 VA

Input

Test input	Circuit with voltage > 6 V , pull-down 57 kOhm , invertable with X3 jumper
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Technical Data

Output

Output type		relay, change-over contact
Switching voltage		50 V AC/DC
Switching current		0.6 A
Energized/De-energized delay		typ. 100 ms
Response time		≤ 20 ms

Conformity

Functional safety		ISO 13849-1 Cat. 2 when using the test input ISO 13849-1 Cat. 1 without testing
Product standard		EN 61000-6-2, EN 61000-6-3

Ambient conditions

Ambient temperature		-20 ... 55 °C (-4 ... 131 °F)
Storage temperature		-20 ... 55 °C (-4 ... 131 °F)

Mechanical specifications

Degree of protection		IP65
Connection		screw terminals , lead cross section 2 x 1 mm ²
Material		
Housing		Polycarbonate
Mass		105 g
Dimensions		
Height		52 mm
Width		123 mm
Depth		45 mm