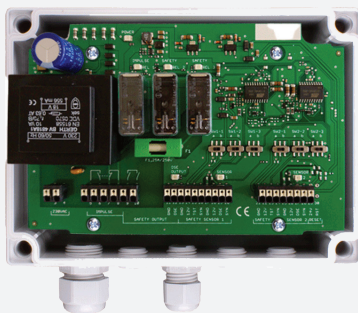


Safety control unit

AOS 7024

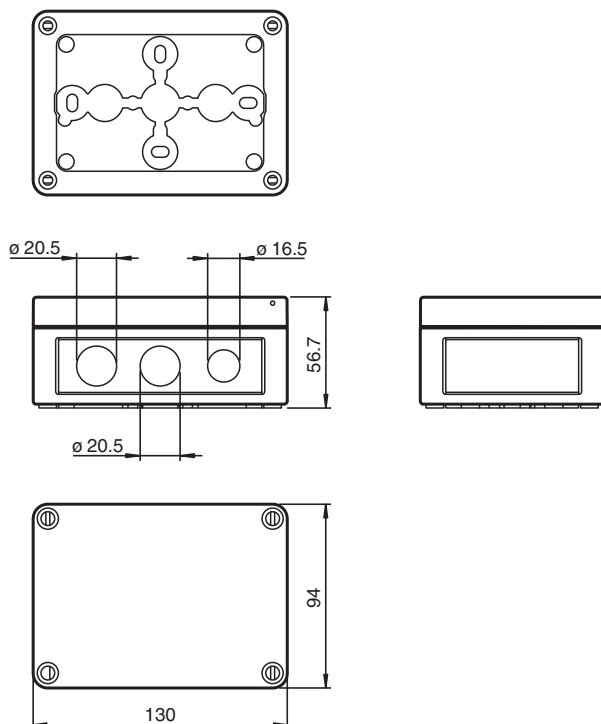


- Safety control unit
- 2-channel interpreter
- for two optical closing edge protection devices, two "TWIN-PRO" pull-in protection devices, or two LIGIs with OSE outputs
- Two OSE inputs or 8k2 inputs
- one safety circuit
- Power/function indicator LEDs
- Operating voltage 24 V AC/DC

Safety control unit



Dimensions



Technical Data

General specifications

Marking	CE
---------	----

Indicators/operating means

Operation indicator	LED green: power on
Function indicator	LED red: lights up when the sensor is triggered LED green: lights up when the safety relay is activated LED yellow: safety relay has been interrupted

Electrical specifications

Operating voltage	U_B	24 V AC/V DC $\pm 10\%$
Power consumption	P_0	max. 6 VA

Technical Data

Output		
Output type		relay, NO contact
Switching voltage		250 V AC / 50 V DC
Switching current		max. 1.25 mA
Energized/De-energized delay		typ. 500 ms
Response time		≤ 20 ms
Conformity		
Functional safety		ISO 13849-1 , Cat. 3 PL d
Product standard		EN 61000-6-2, EN 61000-6-3
Ambient conditions		
Ambient temperature		-25 ... 60 °C (-13 ... 140 °F)
Storage temperature		-25 ... 65 °C (-13 ... 149 °F)
Mechanical specifications		
Degree of protection		IP66 according to EN 60529
Connection		screw terminals , lead cross section 2 x 1 mm ²
Material		
Housing		Polycarbonate
Mass		750 g
Dimensions		
Height		113 mm
Width		163 mm
Depth		62.5 mm

Release date: 2024-07-03 Date of issue: 2024-07-08 Filename: 64319429_eng.pdf