19077 - Quantec Photon dual - redundant twin beacon with light sensor, 230 V AC (en)

The "Quantec Photon dual - redundant twin beacon with light sensor, 230 V AC" is a double light with power supply unit.

Quantec Photon dual - redundant twin beacon with light sensor, 230 V

Key features

- automatic takeover function
- Built in over-voltage protection: Class III according to DIN EN IEC 61400-24 and according to DIN EN IEC 62305-1
- M20 cable gland for input and output
- potential-free fault signalling contact

Performance characteristics

- Effective Intensity: red, 10 cd
- Horizontal angle of radiation: 360°
- Vertical beam spread: >12°

Supported light profiles

- ICAO Low-Intensity, Type A

Connector pinout

Pin	Signal	Function
X1.1 / X2.1	L	Live 230 V
X1.2 / X2.2	N	Neutral
X1.3 / X2.3	COM	Fault relay
X1.4 / X2.4	NC	
X1.5 / X2.5	PE	Protection earth

Technical specifications

General

Order number	19077
Illuminants	2 red LED
Approvals	• AVV 2015 Hindernisfeuer ES • ICAO Type A
Conformity	CE, RoHS

Electrical characteristics

Rated voltage	110 to 230 V AC
Overvoltage protection	Class III according to DIN EN IEC 61400-24 and according to DIN EN IEC 62305-1
Power consumption	P = 12 W
Fault relay	I_{max} = 5 A

Physical characteristics

Dimensions (H×W×D)	271 mm × 122 mm × 91 mm
Weight	Approx. 1400 g
IP rating	IP 68
Material	Special Steel, polyester resins with glass fiber reinforcement
Mounting	screwing, vertical, horizontal

Environmental specification

Operating temperature	-40 °C to +55 °C (-40 °F to 131 °F)
Storage temperature	-55 °C to +70 °C (-67 °F to 158 °F)
Relative humidity	0 to 100 %
Operating altitude	0 to 2500 m (0 to 8202 ft) AMSL

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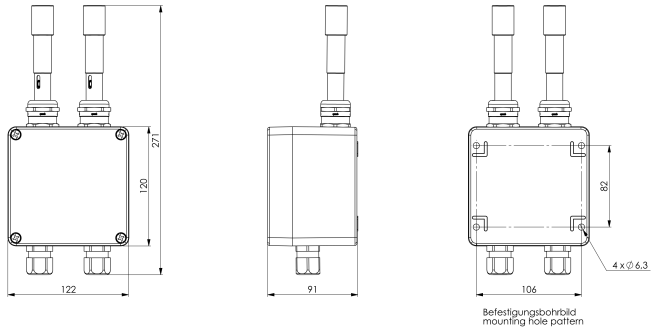
Drawing



Dimensions and mounting (without cable)

Subject to change without prior notice