

dSLB20 Ex II Strobe Light

Robust optical signalling device
for applications in potentially
explosive areas of group II
and in zones 1, 2, 21 and 22



Overview

The dSLB20 Ex II Strobe Light is suitable for potentially explosive areas. Designed for continuous operation, it's also available for different operating voltages.

Simply activated by connecting the power supply, the sturdy housing of ingress protection IP 66/67 is suitable for both indoor and outdoor applications.

The dSLB20 has a small flameproof aluminium housing containing the electronics and the cap is made of hardened borosilicate glass. The terminal compartment is of protection type "increased safety".

A signalling combination can be established using the provided stainless steel mounting plate with integrated junction box.

The addition of a coloured plastic lens cover allows for easy changes of lens colour if required.

Features

- Compact construction
- Versatile application
- Light intensity up to 15 joule
- Ingress protection IP 66/67
- Protection type: II 2 G Ex d e IIC T5, T6 Gb
II 2 D Ex tb IIIC T95°C, T80°C Db

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 **ATEX IECEx**

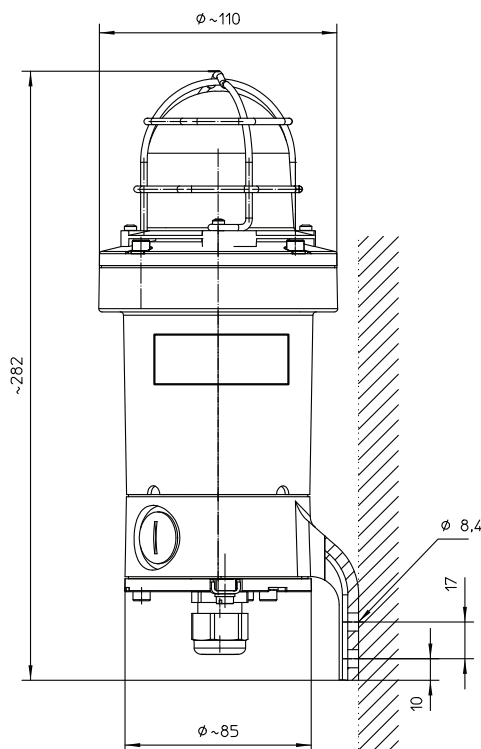
General arrangement drawing (all dimensions in mm)

Certification

Protection type	II 2 G Ex d e IIC T5, T6 Gb II 2 D Ex tb IIC T95°C, T80°C Db
Approval	PTB 99 ATEX 1028 IECEx PTB 09. 0062

Specifications

Housing	Aluminium, surface varnished or powder-coated
Housing colour	Yellow/blue
Cap	Clear borosilicate glass dome
Lens cover colour	Red, amber, green, blue
Lens cover	Plastic
Lens guard	Stainless steel
Ingress protection	IP 66/67 according to EN 60529
Protection class	I
Cable glands	1 x M20 x 1.5, 1x blind plug M20 x 1.5
Connection terminals	Terminal capacity: 2.5 mm ² single-wire 1.5 mm ² fine-wire Protective earth – Screw connection with wire protection clamp in connection enclosure max. 2.5 mm ² Equipotential – Screw connection with wire bonding conductor protection clamp outside, cross section max. 4 mm ²
Flash energy	5 joule/15 joule
Flash frequency	Approx. 60/min. (1 Hz)
Average life cycle	Approx. 5 x 10 ⁶ flashes
Operating conditions	Indoors and outdoors
Operating position	Any
Operating mode	Continuous operation
Temperature range	-55 °C to +40 °C (T6) -55 °C to +55 °C (T5)
Weight	Approx. 2 kg



Ordering data

* The full article number for ATEX and IECEx variants is made up by appending the colour code to the article numbers given below.

Type	Designation	Nominal voltage	Voltage range	Flash energy	Current consumption	Art. No.*		
dSLB20	Ex II Strobe Light	24 VDC	21-53 VDC	15 Joule	1 A	FHF 224 863 ..	transparent	01
dSLB20	Ex II Strobe Light	230 VAC	207-253 VAC	15 Joule	200 mA	FHF 224 897 ..	red	02
dSLB20	Ex II Strobe Light	12 VDC	10-14 VDC	5 Joule	600 mA	FHF 224 812 ..	amber	03
dSLB20	Ex II Strobe Light	24 VDC	21-53 VDC	5 Joule	280 mA	FHF 224 813 ..	green	04
dSLB20	Ex II Strobe Light	230 VAC	207-253 VAC	5 Joule	130 mA	FHF 224 807 ..	blue	05

Accessories

Red plastic lens cover	FHF6902E451A100
Amber plastic lens cover	FHF6902E451A110
Green plastic lens cover	FHF6902E451A120
Blue plastic lens cover	FHF6902E451A130
Lens Guard	FHF6902E431A000
Mounting plate with integrated junction box	FHF 229 901 01