

EEx II Strobe Light dSLB 20

Robust optical signalling device for use in areas with explosive atmospheres in group II and zones 1 + 2

- Compact construction
- Versatile
- Light intensity to 15 joule
- Protection degree IP 67
- Explosion protection class
 II 2G EEx de IIC T6

Application

It is often necessary to use optical signals for warning, indicating and signalling purposes in areas with explosive atmospheres.

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The EEx II strobe light dSLB 20 offers these signalling possibilities. It is designed for continuous operation. The dSLB 20 strobe light is activated by switching on the power supply and is available with various rated voltages. The sturdy housing conforms to protection degree IP 67 and can be installed both indoors and outdoors.

Design

The EEx II strobe light consists of a small flameproof housing of aluminium containing the electronics and a glass cap of hardened borosilicate glass. The terminal enclosure is realised in the explosion protection mode "increased safety".

Use on a forklift truck

The sturdy housing conforms to protection degree IP 67 and can be installed both indoors and outdoors.



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Technical specifications

Housing Aluminium, surface lacquered or powder-coated Colour Yellow/Blue with hardened glass cap and protective cage of stainless steel, 5 joule version without protective cage Cap colours Tansparent, red, yellow, green, blue Protection degree IP 67 (EC 529) Protection class I Cable gland 15 joule-variant = 1 x M 20 x 1.5 and 1 x blind plug M 20 x 1.5 Connection terminals Power supply: Cross section - 2.5 mm² single wire 1.5 mm² fine wire Protective earth - Screw connection with wire protection clamp in connection enclosure max. 2.5 mm² Equipotential - Screw connection with wire protection clamp outside, cross section max. 4 mm² Operating conditions Indoors and outdoors Operating position Any Operating position Any Operating position Average lifetime Approx. 60/min. (1 Hz) Average lifetime Operation -20° C to +40° C Storage -25° C to +70° C Expl. protection class II 2G EEx de IIC T6 Approx.2 kg			
of stainless steel, 5 joule version without protective cage Cap colours Protection degree Protection class I Cable gland 15 joule-variant = 1 x M 20 x 1.5 and 1 x blind plug M 20 x 1.5 5 joule-variant = 1 x M 20 x 1.5 on the side Connection terminals Power supply: Cross section - 2.5 mm² single wire 1.5 mm² fine wire Protective earth - Screw connection with wire protection clamp in connection enclosure max. 2.5 mm² Equipotential - Screw connection with wire protection clamp outside, cross section max. 4 mm² Operating mode Continuous Flash energy 5 joule / 15 joule Flash frequency Approx. 60/min. (1 Hz) Average lifetime Approx 5 x 10° flashes Temperature range Operation -20° C to + 40° C Storage -25° C to + 70° C Expl. protection class II 2G EEx de IIC T6 Approval PTB 99 ATEX 1028	Housing	Aluminium, surface lacquered or powder-coated	
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* The full article	transp.	01
number is made up by	red	02
appending the colour code for the coloured	yellow	03
cap to the article	green	04
numbers given below.	blue	05

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Order information

Туре	Name	Rated voltage	Flash energy	Current consumptio	n Art. no.*
dSLB 20	EEx II Strobe Light	24 VDC (21–53 VDC)	15 Ws	1 A	224 963
dSLB 20	EEx II Strobe Light	80 VDC (72-132 VDC)	15 Ws	250 mA	224 965
dSLB 20	EEx II Strobe Light	230 VAC (207-253 VAC)	15 Ws	200 mA	224 997
dSLB 20	EEx II Strobe Light	12 VDC	5 Ws	in preparation	224 912
dSLB 20	EEx II Strobe Light	24 VDC (21–53 VDC)	5 Ws	280 mA	224 913
dSLB 20	EEx II Strobe Light	80 VDC (72-132 VDC)	5 Ws	90 mA	224 915
dSLB 20	EEx II Strobe Light	115 VDC (103-127 VAC)	5 Ws	135 mA	224 906
dSLB 20	EEx II Strobe Light	230 VAC (207–253 VAC)	5 Ws	130 mA	224 907

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