

Exploline



Ex-Signalling Light dSL 21

Modular concept with reinforced polyester housing, for use in Ex areas of zone 1 and 2

- ▶ ATEX II 2 G Ex de IIC T6
- ▶ Reinforced polyester housing, polycarbonate cap
- ▶ Protection degree IP 66
- ▶ Protection class II
- ▶ Electrical enclosure “increased safety”



Application

Hazardous areas often require lighting up rooms and corridors. The ExII light dSL 21 provides this capacity. It is designed for continuous operation.

The Light dSL 21 is activated by turning on the supply voltage and is available with an operating voltage of 230 V/15 W. The stable, all-plastic housing conforms to protection degree IP 66 and is suitable for both indoor and outdoor use.

Explosion protection class

II 2 G Ex de IIC T6 allows the signalling device to be operated in Ex areas of the zones 1 and 2.

Design

The flameproof enclosure and the “increased safety” class of protection of the terminal room guarantee hazardous area protection.

The upper part of the flameproof enclosure, which contains the long life lamp, consists of a transparent polycarbonate cap.

The housing is completely made of plastic. Thus the device is protected against corrosion, and fulfills the requirements of contact protection class II. No equipotential bonding necessary.

All outer fastening parts have been made of non-corrosive materials.

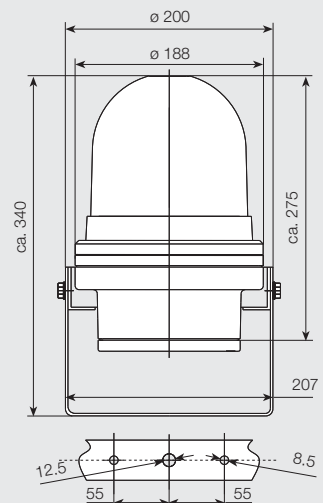
Signalling device in a chemical plant

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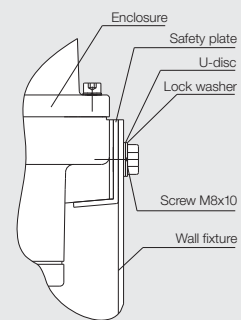


Technical specifications

Housing, lower part	Fibre-reinforced polyester
Housing colour	Black or red
Cap	Polycarbonate (Makrolon)
Protection degree	IP 66 (IEC529/EN 60529)
Expl. protection class	II
Light source	Energy Saving Lamp 15 W
Cable gland	1x M20 x 1.5 and blind plug M20 x 1.5
Operating conditions	Inside or outside
Operating position	Any position, mounted on rotating bracket
Connecting terminals	1.5 mm ² fine wire 2.5 mm ² single wire
Operating mode	Continuous
Temperature range	
Operating	-20°C to +40°C
Storage	-30°C to +80°C
Expl. protection class	II 2 G Ex de IIC T6
Weight	Approx. 5.5 kg
Approval	PTB 02 ATEX 1008



Wall mounting



Order information

*All article-numbers are ARTEX-variants

Type	Name	Rated voltage U _e	Tolerance U _e	Current consumption	Colour	Article no.
Housing black						
dSL 21	Ex II-Signalling light	230 VAC	+10/-10%	0,15 A	clear	952 301 10*
dSL 21	Ex II-Signalling light	230 VAC	+10/-10%	0,15 A	red	952 301 12*
dSL 21	Ex II-Signalling light	230 VAC	+10/-10%	0,15 A	green	952 301 14*
Housing red						
dSL 21	Ex II-Signalling light	230 VAC	+10/-10%	0,15 A	clear	952 301 1113*
dSL 21	Ex II-Signalling light	230 VAC	+10/-10%	0,15 A	red	952 301 1213*
dSL 21	Ex II-Signalling light	230 VAC	+10/-10%	0,15 A	green	952 301 1413*

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