



Flashing lamp 15 J

Features

- Set in Zone 1 and 2, Zone 21 and 22
- Maintenance-free
- Compact design
- Very sturdy
- Low power demand due to high lamp efficiency
- Easy installation

Description

Plant and machinery are fitted with visual alarms to give timely warning of dangerous situations and to enable machinery to be shut down before damage occurs.

BARTEC flashing lamps are designed for continuous operation. The LED flashing lamp can be set on 4 different modes: flashing, flash, permanent and rotating light.

BARTEC's flashing lamps provide information, warnings and alarms on machinery and plant in explosion-endangered areas in Zone 1 and Zone 2, Zone 21 and 22.

Function

The flashing lamp is made of an aluminium Ex d enclosure with a dome made of Borosilikal glass.

The connection compartment was designed in the "increased safety" type of protection in conformance to EN 60079-7.

An M20 x 1.5 gland is available to facilitate the insertion of the cable.

Explosion protection

Ex protection type

ATEX II 2G Ex d e IIC T5, T6 Gb
 II 2D Ex tb IIIC T95 °C, T80 °C Db

Certification

PTB 00 ATEX 1013

IECEX Ex d e IIC T5, T6 Gb

Ex tb IIIC T95 °C, T80 °C Db

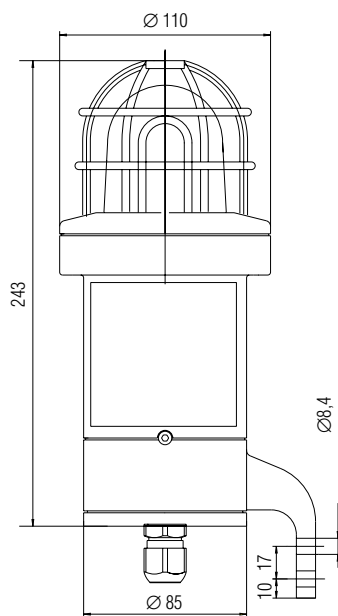
Certification

IECEX PTB 12.0059

Other approvals and certificates, see www.bartec-group.com



Dimensions 15 J



Technical data

Protection class

IP 66/IP 67 according to IEC 60529

Enclosure material

Aluminium, powder-coated
with hardened glass dome and
with protective cage

Electrical data

Rated voltage

AC 230 V
DC 24 V

Flash energy

15 J

Flash frequency

ca. 60/min (1 Hz)

Operating mode

Continuous operation S 1 after IEC60034-1;
DIN EN 60034-1; VDE 0530 level 1

Activation

by connecting with the rated voltage

Temperature range

Service:

$-55\text{ °C} \leq T_a \leq +40\text{ °C}$ (T6) (T80 °C)

$-55\text{ °C} \leq T_a \leq +55\text{ °C}$ (T5) (T95 °C)

Storage:

-60 °C to $+80\text{ °C}$

Selection chart

Description	Nominal voltage	Code no.	Signal colour	Code no.
Flashing lamp 15 J	AC 230 V	1	yellow	3
			red	4
	DC 24 V	8	green	5

Complete order no. 07-4838-31

Please enter code number. Technical data subject to change without notice.