



Flashing lamp

Features

- Zone 1 and 2, Zone 21 and 22
- 5 J flash energy
- Long life of the light tube
- Maintenance-free
- Compact design
- Very sturdy
- Low power demand due to high lamp efficiency
- Easy installation
- Protection class IP66/67

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 lights for hazardous areas have a flash energy of 5 joule. The flash intensity, whether viewed directly or indirectly, gives an ideal means of attracting attention. 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 Exd enclosure with a dome made of Borosilikal glass. The electrical connection to be done to Ex e terminals via a M20 x 1.5 plastic cable gland or metal cable gland. External earth available.

Explosion protection

Ex protection type

- ⊕ II 2G Ex de IIC T6/T5
- ⊕ II 2D Ex tD A21 IP66 T80 °C/T95 °C

Certification

PTB 00 ATEX 1013

Technical data

Protection class

IP66/67 according to IEC 60529

Enclosure material

Aluminium, powder coated with hardened glass dome
5 Ws without protective cage
15 Ws with protective cage

Electrical data

Rated voltage

AC 230 V ±10 %
DC 24 V

Flash energy

5 Ws and 15 Ws

Flash frequency

0.5 Hz up to 1.0 Hz

ON time

continuous rating (100 % ED)

Activation

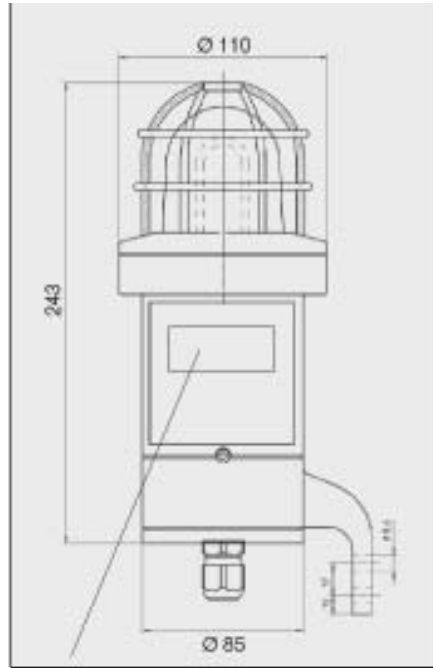
by connecting with the rated voltage

Ambient temperature range

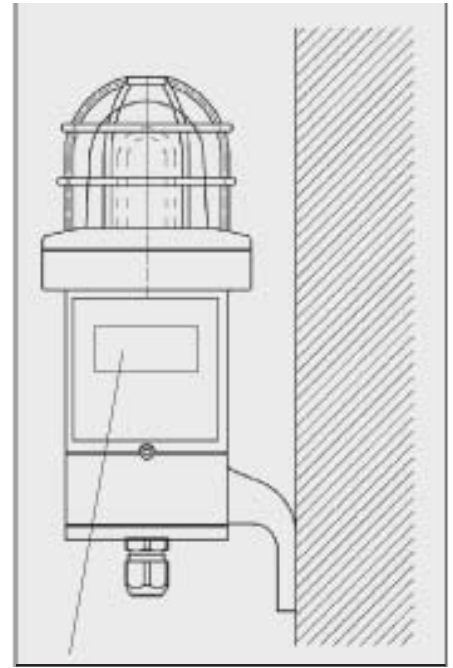
-40 °C ≤ T_a ≤ +40 °C (T6) (T80 °C)
-40 °C ≤ T_a ≤ +55 °C (T5) (T95 °C)



Dimensions



Wall mounting



Warning!

- Do not open while energized
- After switching off power wait 5 minutes before opening

Selection chart

Description	Code no.	Nominal voltage	Code no.	Signal colour	Code no.
Flashing lamp 15 Ws	1	AC 230 V	1	clear	1
		AC 115 V	2	yellow	3
		DC 80 V	5	red	4
Flashing lamp 5 Ws	3	DC 24 V	8	green	5
		DC 12 V only 5 Ws	9	blue	6

➔ Complete order no. 07-4838-3

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