XB13 10 joule xenon beacon range

Harsh industrial & marine environments



Overview

This range of ruggedised, weatherproof beacons, have been designed with high ingress protection to cope with harsh environmental conditions.

Features

- Weatherproof
- IP66 & IP67
- Operating temperature: –40°C to +70°C
- Corrosion resistant red painted GRP body
- High intensity flash
- Polycarbonate lens, various colours available
- Retained stainless steel cover screws
- Optional lens guard
- Optional telephone or relay initiate
- 3 x M20 cable entries
- Replaceable tube
- Switchable dual flash

Eaton
Unit B, Sutton Parkway
Oddicroft Lane
Sutton in Ashfield
United Kingdom
NG17 5FB

T: +44 (0) 1623 444 400
www.crouse-hinds.com/hac
MEDCSales@Eaton.com

© 2021 Eaton
All Rights Reserved
Printed in UK
Publication
No.DSMC0016/B
February 2021

Eaton is a registered trademark.

All other trademarks are property of their respective owners.

Powering Business Worldwide

All specifications, dimensions, weights and tolerances are nominal (typical) and Eaton reserve the right to vary all data without prior notice.
No liability is accepted for any consequence of use.

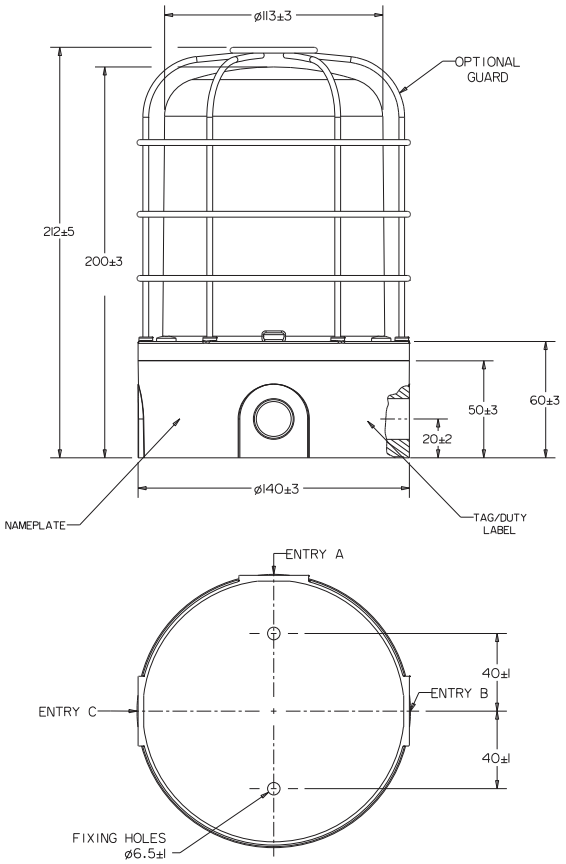
Specifications

Material	UV stable glass reinforced polyester body UV stable polycarbonate cover/lens Retained stainless steel cover screws
Finish	Painted red as standard or to customer specification
Tube energy	10 Joules (second flash 7.5 joules)
Weight	1.1kg
Operating temp	–40°C to +70°C
Ingress protection	IP66 & IP67
Tube life	>1 x 10^6 flashes
Voltage	12V d.c., 24V d.c., 48V d.c., 115V a.c., 230V a.c
Current consumption	Voltage – Current consumption 12V d.c. – 1.4A 24V d.c. – 650mA 48V d.c. – 360mA 115V a.c. – 180mA 230V a.c. – 100mA
Tube type	Xenon discharge
Lens colour	Various colours available
Terminals	8 x 2.5mm^2
Flash rate	1 flash per second
Dual flash rate	Time between dual flashes = 0.5 seconds Charging time = 1 second Cycle repeats every 1.5 seconds
Labels	Duty and tag labels available
Cable entries	Up to 3 x M20 via knockouts
Intensity	Effective intensity 220 Cd. Peak intensity 75,000 Cd (Figures are for clear lens at 1Hz flash rate)
Relay initiate	Initiation by telephone ringing tone or low voltage control signals - not available with 48Vdc

Multiplying factor for coloured lenses

Red	Blue	Amber	Green	Yellow
0.15	0.12	0.51	0.49	0.86

General arrangement drawing (all dimensions in mm)



Ordering requirements

The following code is designed to help in selection of the correct unit. Build up the reference number by inserting the code for each component into the appropriate box

Model: XB13

Voltage

Voltage	Code
12 Vdc	012
24 Vdc	024
48 Vdc	048
115 Vac	115
230 Vac	230

Lens colour

Lens Colour	Code
Red	R
Blue	B
Green	G
Amber	A
Yellow	Y
Clear	C

Guard

Guard	Code
None	N
Yes	Y

Options

Options	Code
None	N
Duty	D*
Tag	T*
Telephone initiate	I†
Relay initiate	R†

*Please specify wording
†Not available with 48Vdc

Finish

Finish	Code
Painted red	R
Special	S*

*Please specify