

Lighting: Emergency Light, DMG Series



Flameproof and Dust protection by enclosure

Zone 1 & 2 – 21 & 22

Specification

Body material : Marine grade copper-free aluminium alloy with polyester powder coated, RAL 7032 (grey)
Lid screws : Stainless steel
Sealing ring : Silicone

LED System

Luminous efficient : 100 lm/W
Colour temperature : 5700 K (cool white)
Color Rendering Index (Ra) : >70
Chip : CREE
Beam angle : Lens of 60°- 90°

Electrical for Emergency unit

Operation : Non-maintained mode
Battery : Ni-MH, 7.2V. 2.25Ah.
Recharge time : 24-hours from fully discharge
Emergency duration : 120Min. (2-Hours)

Option (specify)

3-hours emergency duration (please specify)
Battery : Ni-MH, 7.2V. 4.5Ah.
Color Rendering Index (Ra) : >80

Technical Data

| Hazardous Area | Gas | Dust |
|--------------------------|--|--------------------------|
| Zones | 1 & 2 | 21 & 22 |
| Equipment Group/Category | Ex II 2G | Ex II 2D |
| Symbol of Protection | Ex db IIB T6 Gb | Ex tb IIIC T85°C Db IP66 |
| Certificate | TÜV CY 17 ATEX 0205815 X | |
| Conformity to standards | EN 60079-0:2012+A11:2013, EN 60079-1:2014, EN 60079-31:2014, EN 60529 ed 2.2:2013, EN 60598-1:2015 | |
| Ambient Temperature | 0°C to +55°C | |
| Index of Protection | IP66 | |
| Entries | M25x1.5 or Ø3/4" NPT at right and left side | |
| Mounting | Wall mounting | |
| Connection | L, N and E ; for 1-4mm. ² cable (Through wiring system with an extra terminal block for cable connection at both ends.) | |
| Rated Voltage | 220V.ac ±5% 50Hz. | |

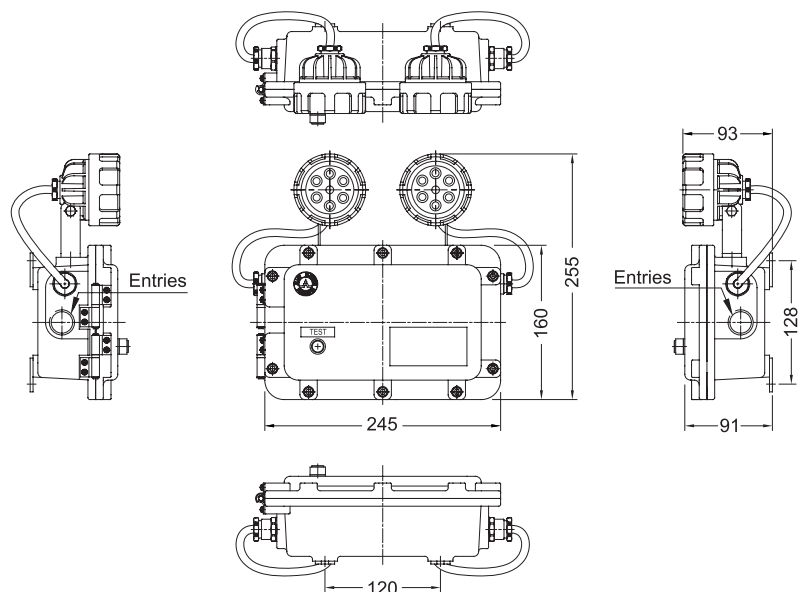
Catalogue Number Logic

DMG - 203 LED - □
Series Lamp Watt Lamp Type Entries
2x 3W. M2 M25x1.5
N2 Ø3/4" NPT

Ordering Requirements

| Cat. No. | Lamp Watt | Temp. Class (for zone 1 & 2) | | Max. Surface Temp.* (for zone 21 & 22) | | Approx. Weight (kgs.) |
|--------------|-----------|------------------------------|----------|--|----------|-----------------------|
| | | Ta 40 °C | Ta 55 °C | Ta 40 °C | Ta 55 °C | |
| DMG-203LED-□ | 2x 3W. | T6 | T6 | T85°C | T85°C | 10.09 |

Dimension



Remark * : The maximum surface temperatures are specified for dust free condition. The dust layer which may cover around the lighting fixture will cause to higher surface temperature.