

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.	

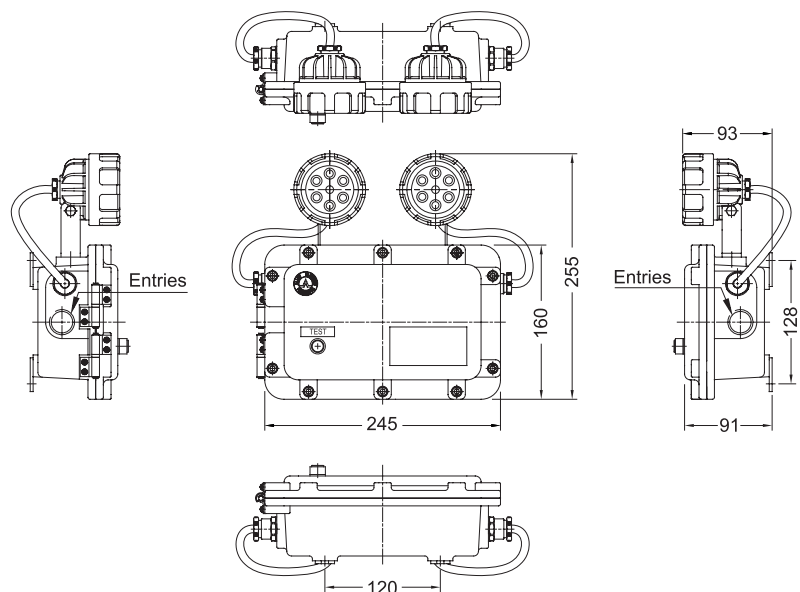
Catalogue Number Logic

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.