

Lighting: LED Emergency Exit Sign, DFXT Series

Flameproof/ Increased Safety and Dust protection by enclosure
Zone 1 & 2 – 21 & 22



A QUALITY PRODUCT

Specification

Body material : Marine grade copper-free aluminium alloy with polyester powder coated, RAL 7032 (grey)
Lens : Heat and impact resistant clear glass
Bolts : Stainless steel
Bracket : Hot-dip galvanized steel
Exit letter : One side white sign on green plate

LED System

Luminous efficient : 100 lm/W
Colour temperature : 5700 K (cool white)
Color Rendering Index (Ra) : >70
Chip : CREE

Electrical for Emergency unit

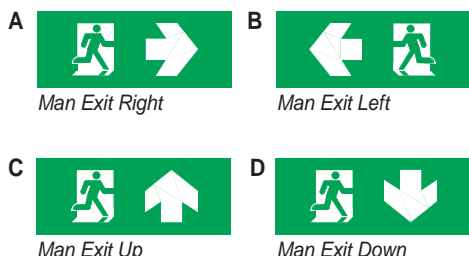
Operation : Maintained mode
Battery : Ni-MH, 7.2V. 2.25Ah.
Recharge time : 24-hours from fully discharge
Emergency duration : 120Min. (2-Hours)

Option (specify)

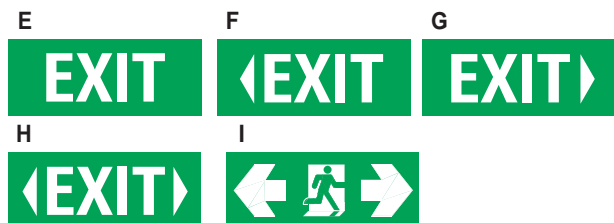
3-hours emergency duration (please specify)
Battery : Ni-MH, 7.2V. 4.5Ah.
Color Rendering Index (Ra) : >80



Exit Signs Symbols (◊)



Optional sign



Technical Data

Hazardous Area	Gas	Dust
Zones	1 & 2	21 & 22
Equipment Group/Category	⊕ II 2G	⊕ II 2D
Symbol of Protection	Ex db eb IIB T6 Gb	Ex tb IIIC T85°C Db IP66
Certificate	TÜV CY 17 ATEX 0205814 X	
Conformity to standards	EN 60079-0:2012+A11:2013, EN 60079-1:2014, EN 60079-7:2015, EN 60079-31:2014, EN 60598-1:2015	
Ambient Temperature	0°C to +55°C	
Index of Protection	IP66	

Entries	2- M25x1.5 or 2- Ø3/4" NPT (1- stopping plug)
Mounting	Bracket 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	110-240V.ac 50/60Hz., THDi < 20%, P.F. ≥ 0.95

Catalogue Number Logic

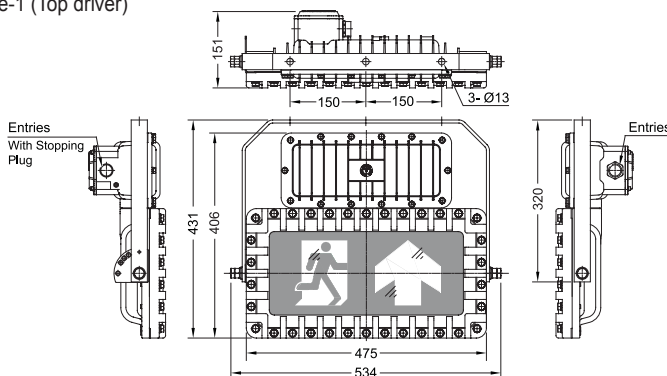
DFXT	-	-	-	-	-
Series	LED Power (Watt) (see ordering requirement table)	Exit Sign Symbol A, B, C or D E, F, G, H, I (optional)	Entries M2 M25x1.5 N2 Ø3/4" NPT	Mounting C1 Type-1 C2 Type-2	

Ordering Requirements and Dimension

Cat. No.	LED Power	Voltage	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	
DFXT-18-◊-□	18W.	110-240V.ac 50/60Hz.	T6	T6	T85°C	T85°C	18.9

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.

Type-1 (Top driver)



Type-2 (Bottom driver)

