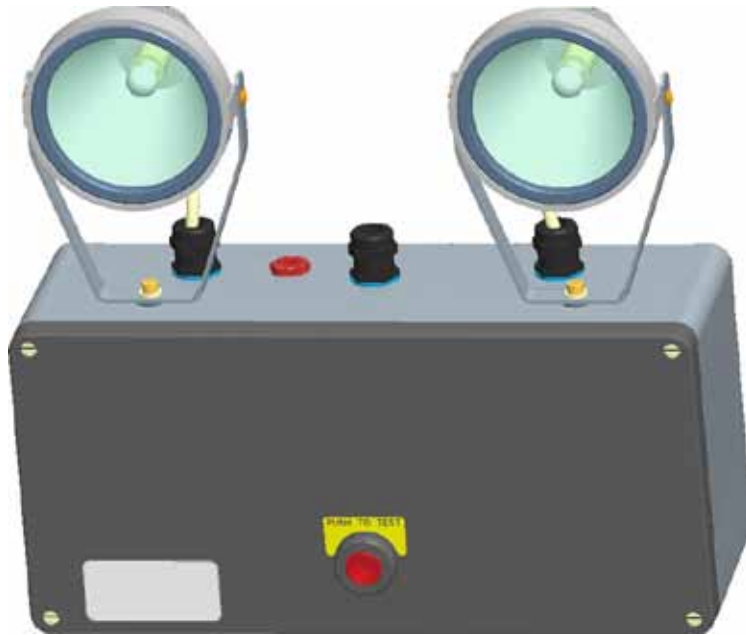


Lighting: Emergency Lighting
 ELS Series: Self-Contained Emergency Lighting Unit



2 Lamp Version
 ELS 2100712A

Compliance Data:

ATEX - IEC:



Zone 2 & 22	II 3 GD	ATEX		CE
Ex nAR II - Ex tD A22	T2	T121°C	IP66	IK10 (Housing)

Lamp Types & Wattages:

Incandescent				
10 W - 21 W				

Operating Temperature:

-20°C to +55°C

Lighting: Emergency Lighting

ELS Series: Self-Contained Emergency Lighting

Zone 2 & 22

⊕ II 3 GD

ATEX

IP66

LIGHTING

Applications:

- Enclosed and gasketed, non-metallic emergency lighting system suitable for use where flammable gases, vapors or dusts may become present due to abnormal conditions defined as Zone 2 and 22.
- Typical applications include manufacturing plants, refineries, petrochemical and chemical plants, waste and sewage treatment facilities, food processing facilities and other industrial manufacturing or process facilities subject to wet or corrosive conditions.

- A LED pilot light indicates the presence of AC line voltage, and a test switch is provided for testing transfer operation.
- Upon restoration of normal power, the charger will begin a recharge cycle. It will bring the battery to full capacity.
- 6 A fuse provided as standard.
- Incandescent 10 W or 21 W lamps – 12 Vdc – Lamp type BA15D.
- Battery capacity 7 A/H.
- Connections on 2.5 mm² terminals.

Features:

- Provides 90 minutes of emergency lighting.
- The electronics consists of a solid state charger, transfer circuit and low voltage disconnect circuit.

Standard Material of Fixtures:

- Fiberglass reinforced polyester housing, carbon loaded for low resistivity.
- Aluminum glass sealed spotlight.

Ordering Information:

2 x M20 entries at the top, supplied with one M20 polyamide cable gland (cable dia. 6.5 to 14.5 mm) and one M20 blanking plug

Number of Lamps	Power	Weight (kg)	Volume (dm ³)	Catalog Number	
				205-254 Vac 50/60 Hz	110 - 120 Vac 50/60 Hz
1	10 W	8.5	4.8	ELS1100712A	ELS1100712B
2	10 W	7.7	4.55	ELS2100712A	ELS2100712B
1	21 W	8.5	4.8	ELS1210712A	ELS1210712B
2	21 W	7.7	4.55	ELS2210712A	ELS2210712B

Compliances:

Hazardous Area	Gas	Dust
Certified Type		
Zones	2	22
Conforming to ATEX 94/9/CE	CE 0081 ⊕ II 3 G	CE 0081 ⊕ II 3 D
Symbol of protection ATEX	Ex nAR II	Ex tD A22
Symbol of protection IEC		
T Rating	T2	NA
Surface Temperature	NA	121°C
Ambient Temperature	-20°C to +55°C	
ATEX Certificate	LCIE 08 ATEX 6046	
Index of Protection (solid and liquid)	IP66	
Impact Resistance (shock)	IK10 (housing)	

Standards:

Ex Standards	EN / IEC 60079-0 ; 60079-1 ; 60079-15

Dimensions (mm):

