

TUFFLITE TXPE

Class 1 Div 2 LED Exit Sign

The Tufflite TXPE exit sign is specifically designed for use in Class 1 Division 2, Groups A, B, C, and D environments. The rugged fiberglass NEMA 4X enclosure protects the exit sign against dust, dirt, fibers, and dripping water, ensuring they function in the toughest environments. Class 1 locations are areas where flammable vapors or gases may be present, while Division 2 areas refer to locations where ignitable concentrations of hazards are handled, processed or used, but which are normally in closed containers from which they can only escape through accidental rupture or breakdown of such containers or systems.



CONSTRUCTION

- Designed and listed for use in Class 1 Division 2 Groups A, B, C, and D, T2B area classification, also Suitable for use in Class 1, Zone 2, IIA, IIB, IIC, T1 and T2 area classification
- Rugged molded corrosion resistant fiberglass enclosure is provided with stainless steel mounting feet, finished in industrial gray
- A stainless steel breather valve is provided for efficient ventilation of the enclosure
- Fully gasketed to meet the requirements of NEMA 4X applications
- Piano hinged front access door for ease of maintenance access with stainless steel screws
- External 4 hole mounting provision provides ease of installation with minimal cabinet intrusion
- 6" letter height and 3/4" stroke, with field selectable chevron directional indicators

ELECTRICAL

- High brightness red or green LED's feature long life and consume less than 2 watts
- Fully automatic operation provides 90 minutes of emergency operation, with 2 hour run time option available
- Available as an exit/emergency combination unit, see data sheet TXPC
- Fully automatic solid state two rate charger provides ideal charge conditions for optimum battery performance and life
- Field selectable 120 or 277 VAC input
- Maintenance free Nickel Cadmium batteries recharge in 24 hours following a 90 minute discharge
- Operating temperature range is 10°C to 45°C
- Magnetic test switch and dual diagnostic LED indicator displays AC and Hi-Charge status

- Brownout sensing assures emergency operation during periods of low line voltage
- Line-latch prevents unnecessary discharge of battery during installation, loads will not illuminate until after application of utility power
- Low voltage cut-off prevents battery damage and ensures positive charge acceptance following an extended discharge
- Self-Test / Self-Diagnostic monitoring available

ILLUMINATION

- High capacity models support total loads up to 360 watts or provide for extended discharge period
- 6 or 12 volt 9 watt tungsten lamps standard

CERTIFICATION

- ARRA compliant for Level 1
- Listed to UL 924, meets NFPA 101 Life Safety Code, NFPA 70-NEC and OSHA requirements

WARRANTY

- 3 year limited warranty

ORDERING GUIDE

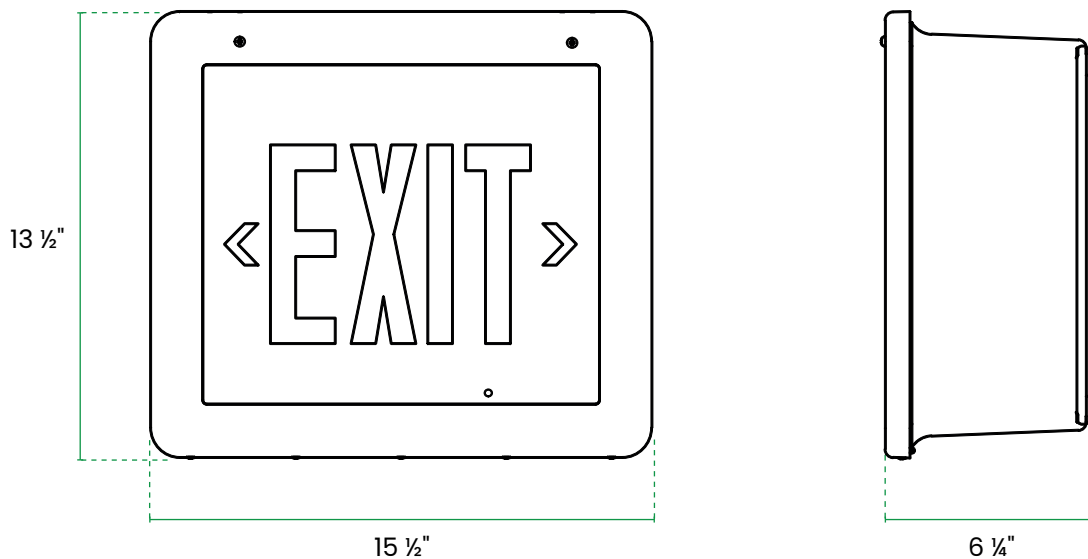
TXPE-EM-R-IB-SD

MODEL	OPERATION	LETTER COLOR	MOUNTING	OPTIONS	ORDERING NOTES
TXPE	AC AC Only (120/277 VAC)	R Red LED	1B Single Face ¹	SD Self-Test/Self-Diagnostics ²	1 Wall mount only 2 EM models only 3 Consult factory 4 AC models only 5 Dimensions: 20.0" H x 17.0" W x 12.0" D
	EM Battery Backup Exit NiCad Emergency	G Green LED		F Flash in Emergency Mode	
			TP Tamper Proof Screws		
			SW Special Wording ³		
			DK Two Circuit Input ⁴		
			WG6 Wire Guard ⁵		
			2H Two Hour Run Time		
TXPE			1B		

Fill in fields from categories above and complete type and part number.

Type No:

Full Part No:

DIMENSIONS

SUMMARY OF CLASS I, II, III HAZARDOUS LOCATIONS

CLASSES	GROUPS	DIVISION 1	DIVISION 2
I - Gases, Vapors & Liquids (Art. 501)	A - Acetylene B - Hydrogen C - Ether, etc. D - Hydrocarbons, Fuels, Solvents, etc.	Normally explosive and hazardous.	Not normally present in an explosive concentration (but may accidentally exist).
II - Dusts (Art. 502)	E - Metal Dusts <i>Conductive and explosive</i> F - Carbon Dusts <i>Some are Conductive, and all are explosive</i> G - Flower, Starch, Grain, Combustible Plastic or Chemical Dust <i>Explosive</i>	Ignitable quantities of dust normally are or may be in suspension, or conductive dust may be present.	Dust not normally suspended in an ignitable concentration (but may accidentally exist). Dust layers are present.
III - Fibers & Flyings (Art. 503)	Textiles, Wood-Working, etc. <i>Easily ignitable, but no like to be explosive</i>	Handled or used in manufacturing.	Stored or handled in storage (exclusive of manufacturing).