

PROJECT NAME:	APPROVED BY:	
CATALOG NO:	TYPE NO:	

TUFFLITE TXPE - Class 1 Div 2 Exit Sign

LED

Tufflite "TXPE" Industrial Class 1 Division 2 exit signs are designed for use in Class 1 Division 2, Groups A, B, C, D applications.

The rugged fiberglass NEMA 4X enclosure provides protection for the enclosed equipment against dust, dirt, fibers and dripping water. Class 1 locations are those in which flammable vapors and gasses may be present. Division 2 areas are defined as those areas in which 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. Gases are grouped according to certain physical characteristics of their explosive behavior.



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 fibre-glass enclosure is provided with stainless steel mounting feet, finished in industrial grey
- 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

Example: TXPE-EM-R-1B-SD

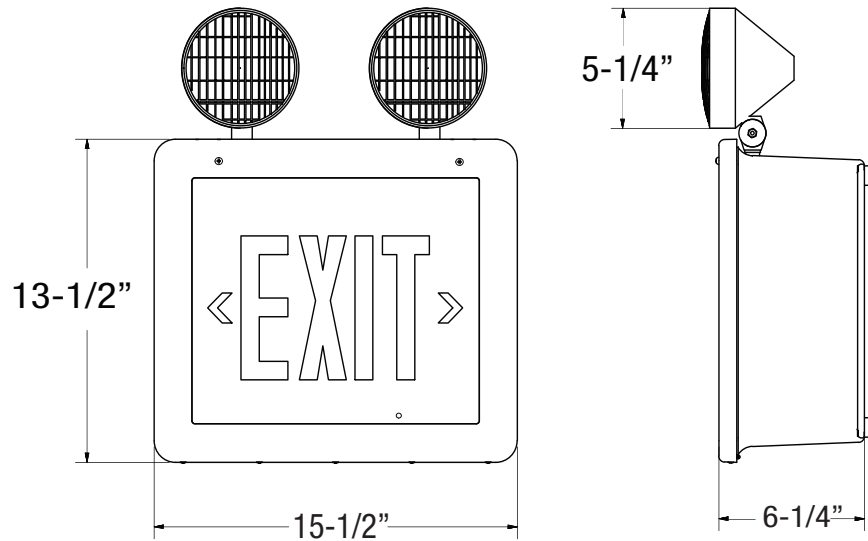
Model	Operation	LED Color	Mounting	Options
TXPE LED Exit Sign	AC AC Only Exit Sign Only EM Battery Backup Exit NiCad Battery	R Red Letters G Green Letters	1B Single Face Wall Mount Only	SD Self Test / Self Diagnostic F Flash in emergency mode TP Tamper Resistant Screws SW Special Wording (Consult Factory) DK Two Hour Battery Run Time WG Wire Guard
TXPE				

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

Type Number:

Full Part Number:

Tufflite TXPE CL1 DIV 2 LED Exit Sign



Summary of Class I, II, III Hazardous Locations			
CLASSES	GROUPS	DIVISIONS	
		1	2
I Gases, vapors, and liquids (Art. 501)	A: Acetylene B: Hydrogen, etc. 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 (conductive,* and explosive) F: Carbon dusts (some are conductive,* and all are explosive) G: Flour, starch, grain, combustible plastic or chemical dust (explosive)	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 and flyings (Art. 503)	Textiles, wood-working, etc. (easily ignitable, but not likely to be explosive)	Handled or used in manufacturing	Stored or handled in storage (exclusive of manufacturing)

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