

LX Series

Pictogram Exit Signs for Hazardous Locations: TP Series Transfer Panels





FEATURES

Pictogram Sign Series

- CSA Certified for use in hazardous locations:
 - Class I, Division 1 and 2, Group A, B, C, D
- Class II, Division 1 and 2, Group E,F,G
- Class III, Division 1 and 2
- Very low Temperature Codes (see table)
- Lighting fixture of Die-Cast aluminum with grey epoxy powder coat finish
- Legend housing of industrial-grade 14-gauge steel with grey enamel finish
- Supplied standard with two pictogram films per face, for direction selection
- Long-life white LED light source
- Two-wire AC/DC input available in 6, 12, 24 or 120V
- Energy efficient consumes maximum 4.0W in AC and DC mode
- Also available as Self-Powered
- Listed CSA C22.2 No.137-M1981
- Meets or exceeds CSA 22.2 No.141

TP Series Transfer Panel

- Available with NEMA-1 housing (for use outside the hazardous location area)
- Standard AC input: 120Vac, optional: 277VAC, 347VAC
- Standard DC input: 6, 12 or 24VDC
- Two-wire output with permanently present AC/DC low voltage
- Output power: 25W, can drive up to six (6) LX Series remote pictogram exit signs

See warranty details at: www.tnb.ca/en/brands/lumacell

TYPICAL SPECIFICATIONS

Supply and install the **Lumacell® LX Series** remote pictogram exit signs. The lighting fixture shall have a Die-Cast aluminum body with grey epoxy powder coat finish and a transparent glass globe. The light source shall be long-life Light-Emitting Diodes (LED) in a lamp assembly rated ___V. The LED assembly shall emit white light and shall consume less than 4W in AC or DC current. The legend housing shall be of industrial-grade 14-gauge steel with grey enamel finish. The face plate(s) shall consist of three layers: a white translucent panel, a green/clear legend film and a clear Polycarbonate panel for rigidity enforcement. Each face plate shall come standard with two legend films per face, for direction selection.

The equipment shall be certified CSA C22.2 No.137-M1981 for Hazardous
Locations: Class, Division, Groups with the temperature code:
The equipment shall be certified CSA 22.2 No.141
The equipment shall be Lumacell® Model:

RSTP SERIES TRANSFER PANEL:

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Supply and install the Lumacell® RSTP Series transfer panel for hazardou
location remote Exit Signs. The unit shall have two voltage inputs:
VAC and VDC and shall be able to maintain an output of
V 25W for the permanent supply of a total of five remote LED Exit Signs.
The transfer panel shall be suitable for a NEMA 1 environment.
The unit shall be Lumacell® Model:

POWER CONSUMPTION AND UNIT RATING

MODEL	AC SPECS		DC SPECS	
AC/DC red two-wire	6VAC		6VDC	
	12VAC	less than 5W	12VDC	less than 5W
	24VAC		24VDC	less man ow
	120VAC		120VDC	

^{*}NOTE: Exit Signs of 6,12 or 24 V must be connected through transfer panels; maximum five Pictogram Exit Signs per panel.

1. SEVERITY CODE SELECTION GUIDE

ENVIRONMENT	SEVERITY CODE
Class I Div.1 Groups A, B	S1
Class I Div.1 Groups C, D	S2N
Class I Div.2 Groups A, B, C, D	S3
Class II Div. 1 & 2 Groups E, F, G Class III Div.1 and 2	S4

2. TEMPERATURE CODES: MEASURED AT 40°C AMBIENT

SEVERITY CODE	S1	S2N	S3	S4
TEMPERATURE CODE	T6	T6	T4A	T6 (E, F, G)
CSA/UL RATING	maximum 85° C	maximum 85° C	maximum 120° C	maximum 85° C





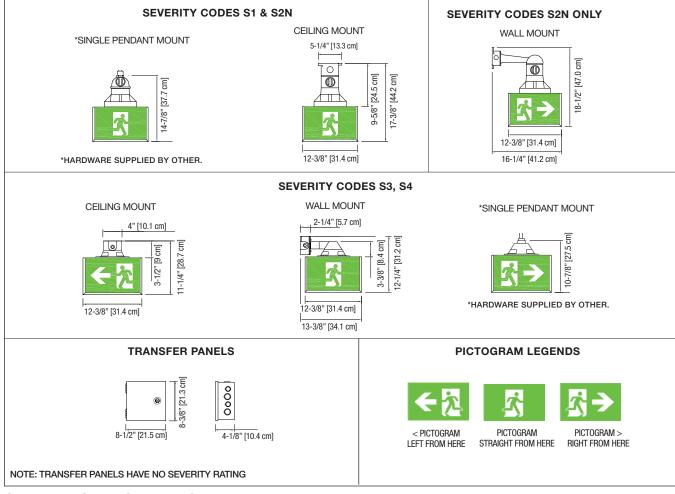
LX Series





DIMENSIONS

Dimensions are approximate and subject to change.



ORDERING INFORMATION

Before ordering, identify the environment of your application: Class ______, Division _____, Group _____. Refer to table 1 for the Severity Code to use in your catalogue number. For temperature information, please see table 2.

3. LX SERIES

SERIES	NO. OF FACES	SEVERITY CODE	MOUNTING	INPUT VOLTAGE	OPTIONS
LX= Hazardous Location pictogram sign	1= single face 2= double face	\$1= Class Div.1 Gr. A, B \$2N= Class Div.1 Gr. C, D \$3= Class Div.2 Gr. A, B, C, D \$4= Class Div.1&2 Gr. E, F, G Class Div.1&2	C= Ceiling P= Pendant¹ W= Wall² ¹Mounting hardware not included ²Wall mount only available for severities S2N, S3 & S4 only	6= 6V AC/DC 12= 12V AC/DC 24= 24V AC/DC 120= 120V AC/DC	U9= arrow up D9= arrow down U4= arrow up 45° D4= arrow down 45°

EXAMPLE: LX1S1C6

4. TRANSFER PANELS - RSTP SERIES

SERIES	AC VOLTAGE	DC VOLTAGE		LOAD POWER	HOUSING
34	20 = 120VAC 47 = 347VAC 77 = 277VAC	6 = 6V 12 = 12V	24 = 24V 120 = 120V	25 = 25W ¹	Blank= NEMA1





Unlike EXIT signs, the pictogram sign is not available in double arrow configuration.