



# 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](http://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:

Supply and install the Lumacell® RSTP Series transfer panel for hazardous 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	less than 5W	6VDC	less than 5W
	12VAC		12VDC	
	24VAC		24VDC	
	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

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## Pictogram Exit Signs for Hazardous Locations: TP Series Transfer Panels



### DIMENSIONS

Dimensions are approximate and subject to change.

<p style="text-align: center;"><b>SEVERITY CODES S1 &amp; S2N</b></p> <p style="text-align: center;">*SINGLE PENDANT MOUNT</p> <p style="text-align: center;">*HARDWARE SUPPLIED BY OTHER.</p>	<p style="text-align: center;"><b>SEVERITY CODES S2N ONLY</b></p> <p style="text-align: center;">WALL MOUNT</p>
<p style="text-align: center;"><b>SEVERITY CODES S3, S4</b></p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="167 856 548 1129"> <p style="text-align: center;">CEILING MOUNT</p> </div> <div data-bbox="548 856 1008 1129"> <p style="text-align: center;">WALL MOUNT</p> </div> <div data-bbox="1008 856 1498 1129"> <p style="text-align: center;">*SINGLE PENDANT MOUNT</p> <p style="text-align: center;">*HARDWARE SUPPLIED BY OTHER.</p> </div> </div>	
<p style="text-align: center;"><b>TRANSFER PANELS</b></p> <p style="text-align: center;">NOTE: TRANSFER PANELS HAVE NO SEVERITY RATING</p>	<p style="text-align: center;"><b>PICTOGRAM LEGENDS</b></p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>&lt; PICTOGRAM LEFT FROM HERE</p> </div> <div style="text-align: center;"> <p>PICTOGRAM STRAIGHT FROM HERE</p> </div> <div style="text-align: center;"> <p>PICTOGRAM &gt; RIGHT FROM HERE</p> </div> </div>

### 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	S1= Class I Div.1 Gr. A, B S2N= Class I Div.1 Gr. C, D S3= Class I Div.2 Gr. A, B, C, D S4= Class II Div.1&2 Gr. E, F, G Class III Div.1&2	C= Ceiling P= Pendant <sup>1</sup> W= Wall <sup>2</sup> <sup>1</sup> Mounting hardware not included <sup>2</sup> Wall 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

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

### 4. TRANSFER PANELS - RSTP SERIES

SERIES	AC VOLTAGE	DC VOLTAGE	LOAD POWER	HOUSING
RSTP= Transfer Panel	120= 120VAC 347= 347VAC 277= 277VAC	6= 6V 12= 12V	25= 25W <sup>1</sup> <sup>1</sup> 4W required per DC "pictogram exit" load	Blank= NEMA1