



XP/RSTP Series LSRS-XP

“Sortie” Signs &
Transfer Panel
Hazardous Location



FEATURES

LSRS-XP Series “SORTIE” Signs

- CSA Certified for use in hazardous locations:
 - Class I, Divisions 1 and 2, Group A, B, C, D
 - Class II, Divisions 1 and 2, Group E, F, G
 - Class III, Divisions 1 and 2
- Die-Cast aluminum body with grey epoxy powder coat finish
- Sortie sign housing and faceplate made of industrial-grade 14-gauge steel, grey enamel finish
- Faceplate features universal directional chevrons (knockouts)
- Two-wire input circuit for both AC and DC inputs
- Available in 6, 12, 24 and 120VAC/dc
- Light source is ALINGAP LEDs; consumes less than 5W in AC and DC mode
- New, easy-to-build catalogue number based on the Lumacell® Severity Codes
- Listed CSA C22.2 No. 137-M1981
- Listed CSA 22.2 No. 141

RSTP 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 five (5) remote units of the LSRS-XP remote “SORTIE” signs series
- Also available as Self-Powered Exit Sign, battery unit and combo unit; see RG-X catalogue sheet

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

TYPICAL SPECIFICATIONS

LSRS-XP Series Remote “SORTIE” Sign:

Supply and install the Lumacell® LSRS-XP Series remote “SORTIE” sign. The exit housing shall be industrial grade 14-gauge steel and finished in grey enamel. The faceplate will be constructed of heavy-duty _____ 14-gauge steel and feature universal knockout chevrons and the red letters shall not be less than 6” (150 mm) in height with a 3/4” stroke. The sign shall come complete with a _____ Volt LED lamp, and function from one voltage source only, in AC and DC current. The LED Lamp shall use ALINGAP LEDs and shall consume less than 5W in either AC or DC current.

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 22.2 No. 141

The Sortie Sign 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 _____ Volts 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	12VDC
	24VAC	24VDC
	120VAC	120VDC
	Less than 5W	Less than 5W

*NOTE: SORTIE signs of 6,12 or 24 V must be connected through transfer panels; maximum five signs per panel.

1.

ENVIRONMENT	SEVERITY CODE
Cl. I, Div. 1 & 2, Gr. A, B	S1
Cl. I, Div. 1 & 2, Gr. C, D	S2N
Cl. I, Div. 2, Gr. A, B, C, D	S3
CL. II, Div.1 & 2 Gr. E, F, G CL. III, Div.1 & 2	S4

2.

CERTIFICATION GUIDE FOR LSRS-XP (40°C AMBIENT)				
Severity Code	S1	S2N	S3	S4
Temperature Code	T6	T6	T4A	T6
CSA/UL rating	Max. 85°C (185°F)	Max. 85°C (185°F)	Max. 120°C (248°F)	Max. 85°C (185°F)

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DIMENSIONS

Dimensions are approximate and subject to change.

SEVERITY CODES S1 & S2N		SEVERITY CODES S2N ONLY	
<p>*SINGLE PENDANT MOUNT</p> <p>*HARDWARE SUPPLIED BY OTHER.</p>	<p>CEILING MOUNT</p>	<p>WALL MOUNT</p>	
<p>*SINGLE PENDANT MOUNT</p> <p>*HARDWARE SUPPLIED BY OTHER.</p>	<p>CEILING MOUNT</p>	<p>WALL MOUNT</p>	
<p>TRANSFER PANELS</p> <p>NOTE: TRANSFER PANELS HAVE NO SEVERITY RATING</p>			

INFORMATION

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

3. LSRS-XP

SERIES	VOLTAGE	SEVERITY CODE	MOUNTING
LSRS1X = sortie single face LED LSRS2X = sortie double face LED	-L6 = 6V -L12 = 12V -L24 = 24V -L120 = 120V	S1 = Cl. I, Div. 1 & 2, Gr. A, B S2N = Cl. I, Div. 1 & 2, Gr. C, D S3 = Cl. I, Div. 2, Gr. A, B, C, D S4 = Cl. II, Div. 1 & 2 Gr. E, F, G CL. III, Div. 1 & 2	C = ceiling P = pendant ¹ W = wall ² ¹ Mounting hardware not included ² Wall mount only available for severities S2N, S3 and S4, single face.

EXAMPLE: LSRS1X-L6S1C

4. TRANSFER PANEL

SERIES	AC VOLTAGE	DC VOLTAGE	WATTAGE	HOUSING
RSTP = transfer panel	120 = 120VAC 347 = 347VAC 277 = 277VAC	6 = 6V 12 = 12V 24 = 24V 120 = 120V	25 = 25W ¹ ¹ 5W required per DC "Sortie" load	Blank = NEMA 1

EXAMPLE: RSTP1206-25