C8SRXP Series

"Sortie" Sign and Transfer Panels for Hazardous Locations

Project/Location:

Contractor:

Date:

Prepared by:

FEATURES

Remote Sortie Sign Series

- CSA certified for use in hazardous locations:
  - Class I, Divisions 1 and 2, Groups B, C, D
  - Class II, Divisions 1 and 2, Groups 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 14-gauge steel, grey enamel finish
- Faceplate features universal directional chevrons (knockouts)
- Two-wire 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 or DC mode
- New, easy-to-build catalog number based on the **Emergi-Lite®** severity codes
- CSA certified, meets or exceeds CSA 22.2 No. 141
- Also available as Self-Powered Exit Sign, battery unit and combo unit; see **EXP** catalogue sheet

Transfer Switch

- Available with housing for hazardous locations (Class 1, Division 1) or 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 Series **C8SRXP**

TYPICAL SPECIFICATIONS

Supply and install the **Emergi-Lite® C8SRXP 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" 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 Sortie Sign shall be CSA-C860 approved and meets CSA 22.2 No. 141.

The Sortie Sign shall be suitable for Class _____, Division _____, Group _____.

The Sortie Sign shall be **Emergi-Lite®** Model: _____ .

TS Series Transfer Switch:

Supply and install the **Emergi-Lite® TS Series** transfer switch 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 switch shall be suitable for Class _____ , Division _____, Group _____, or for a NEMA 1 environment.

The unit shall be **Emergi-Lite®** Model: _____.

Made in Canada

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

1.

ENVIRONMENT	SEVERITY CODE
Cl. I, Div. 1, Gr. B	S1
Cl. I, Div. 1, Gr. C, D	S2
Cl. I, Div. 2, Gr. B, C, D	S3
Cl. II, Div. 1 & 2, Gr. E, F, G Cl. III, Div. 1 & 2	S4

2.

CERTIFICATION GUIDE FOR C8SRXP (40°C AMBIENT)				
Severity Code	S1	S2	S3	S4
Temperature Code	T6	T6	T3C	T3C (E.G.F.)
CSA/UL rating	Max. 85°C (185°F)	Max. 85°C (185°F)	Max. 160°C (320°F)	Max. 160°C (320°F)

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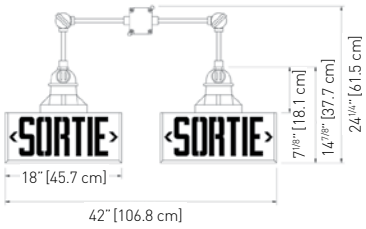
DIMENSIONS

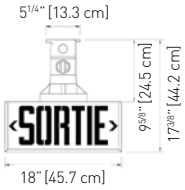
Dimensions are approximate and subject to change.

SEVERITY S1, S2

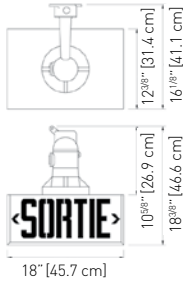
DOUBLE PENDANT MOUNT



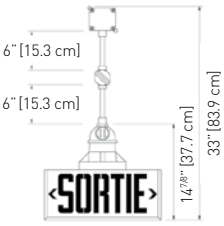
CEILING MOUNT



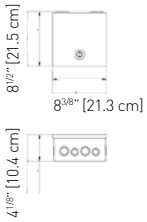
WALL MOUNT (ONLY SEVERITY S2)



PENDANT MOUNT



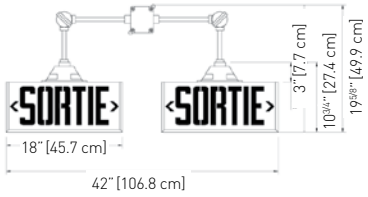
TRANSFER SWITCH HAZARDOUS LOCATION SEVERITY S1, S2, S3, S4



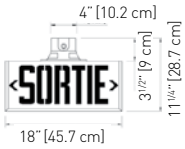
NEMA-1

SEVERITY S3, S4

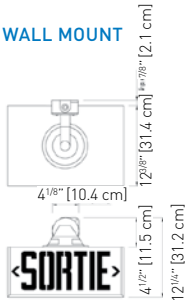
DOUBLE PENDANT MOUNT



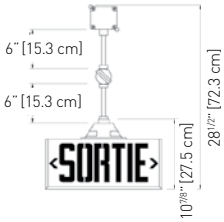
CEILING MOUNT

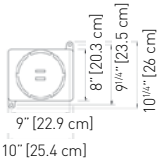


WALL MOUNT



PENDANT MOUNT





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. C8SRXP

SERIES	SEVERITY CODE	MOUNTING	VOLTAGE
C8SRXP1= sortie single face **C8SRXP2**= sortie double face	**S1**= CL.I, Div.1&2, Gr. B **S2**= CL.I, Div.1&2, Gr. C, D **S3**= CL.I, Div.2, Gr. B, C, D **S4**= CL.II, Div.1, & 2 Gr.E, F, G CL.III, Div.1 & 2	**C**= ceiling **P**= pendant **W**= wall* *Note: wall mount available only for severities S2, S3 and S4	**6**= 6V **12**= 12V **24**= 24V **120**= 120V

EXAMPLE: C8SRXP1S1C6

4. TRANSFER PANELS

AC VOLTAGE	DC VOLTAGE	SERIES	LOAD WATTAGE	HOUSING
120= 120VAC **347**= 347VAC	**-6**= 6V **-12**= 12V **-24**= 24V **-120**= 24V	**-TS**= transfer switch	**-25**= 25W* *5W required per DC "Sortie" load	**Blank**= NEMA 1

EXAMPLE: 120-6-TS-25XP