

C8SRXP Series

“Sortie” sign and transfer panels
for hazardous locations



Features

Remote Sortie Sign Series

- CSA certified for use in hazardous locations:
 - Class I, Divisions 1 and 2, Groups A, 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
- Listed CSA C22.2 No. 137-M1981
- Listed 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**
- **Warranty details at: www.emergi-lite.ca**



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 equipment shall be certified CSA C22.2 No. 137-M1981 for hazardous locations: Class ____, Division ____, Group ____ with the temperature code ____.

The equipment shall be certified 22.2 No. 141

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: _____.

Power consumption and unit rating

Model	AC specs	DC specs
_____	6VAC	6VDC
AC/DC red two-wire _____	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.

Table 1 – Severity codes

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

Table 2 – Certification guide for C8SRXP Series (40°C ambient)

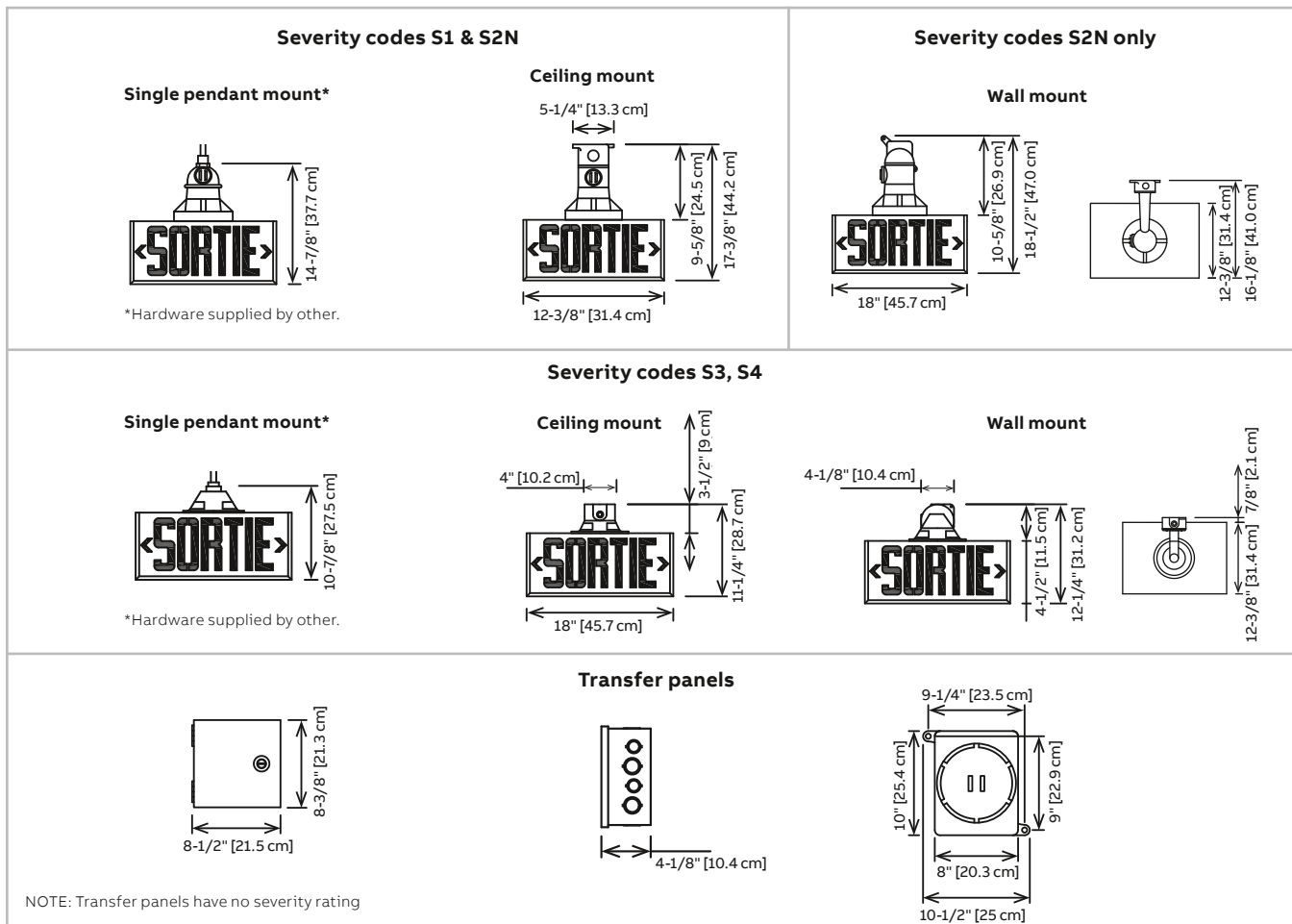
Code/rating				
Severity code	S1	S2N	S3	S4
Temperature code	T6	T6	T3C	T3C (E.G.F.)
CSA/UL rating	Max. 85°C (185°F)	Max. 85°C (185°F)	Max. 160°C (320°F)	Max. 160°C (320°F)

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Dimensions

Dimensions are approximate and subject to change.



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.

C8SRXP Series

Series	Mounting	Severity code	Voltage
C8SRXP1= sortie single face	C= ceiling	S1= Class I Div.1 Gr. A, B, C	-EM6= 6V
C8SRXP2= sortie double face	P= pendant ¹	S2N= Class I Div.1 Gr. C, D	-EM12= 12V
	W= wall ²	S3= Class I Div.2 Gr. A, B, C, D	-EM24= 24V
		S4= Class II Div.1&2 Gr. E, F, G	-EM120= 120V
		Class III Div.1&2	

Example: C8SRXP1CS1EM6

¹Mounting hardware not included
²Wall mount only available for severities S2N, S3 and S4, single face.

Transfer panels - TS Series

AC voltage	DC voltage	Series	Load wattage	Housing
120= 120VAC	-6= 6V -24= 24V	-TS= transfer switch	25= 25W ¹	Blank= NEMA 1
277= 277VAC	-12= 12V -120= 120V			XP= hazardous locations
347= 347VAC				

Example: 120-6-TS-25XP

¹5W required per DC “Sortie” load.