SENSO
Zone Sensing Panel

Project Name:	Model Number:
Prepared By:	Date:

The **Senso** series is the latest generation of zone sensing control units. It's designed to monitor electrical circuits at various voltages (120VAC, 277VAC, and 347VAC). The **Senso** will automatically trigger emergency lighting operation upon loss of AC current. With the **Senso**, emergency lighting will come on if a zone monitored loses power (triggering emergency lighting specific to that zone). The unit comes standard with zone test switch and zone pilot lights, for easy monitoring and testing. This new design is clean and simple to install and compatible with BeLuce autotest battery units.

Compliances

→ CSA Certified to C22.2 #141-15
→ Meets requirements of ICES-005
→ Complies to the Winnipeg by-law No. 77/2015
→ Complies to the Alberta Electrical Safety Bulletin 10-2017
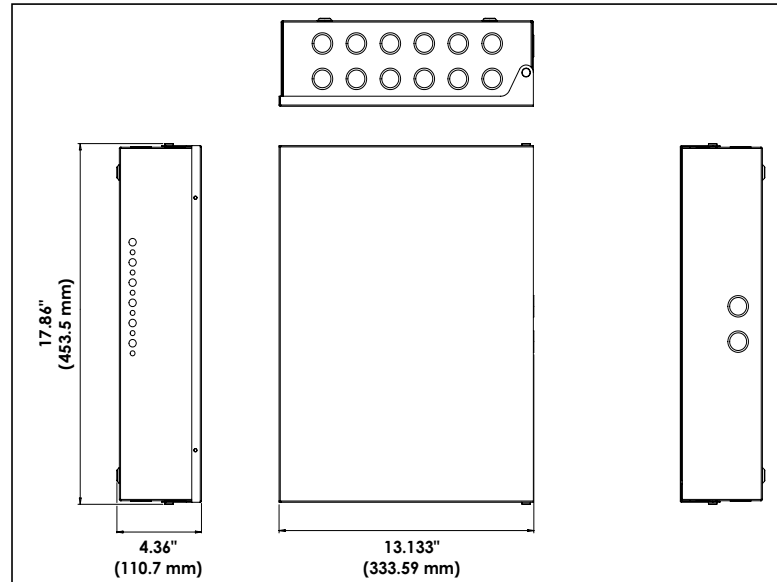→ CEC-046

FEATURES AND SPECIFICATIONS

Circuitry

→ Up to 6 circuits monitored (inputs) per cabinet
→ AC (formally external zone sensing) or DC (formally internal zone sensing)
→ Up to 6 outputs
→ 120/277/347 VAC input
→ 120/277/347 VAC output
→ Zone pilot lights are standard
→ Zone test switch are standard
→ Clearly identified terminal blocks with high gauge caliber, for easy wiring

Mechanical

→ Rugged steel cabinet with ultraguard rust-coating
→ 24 knockouts for easy installation
→ Pivoting door
→ Keyhole mounting slots stamped into back of cabinet
→ Built and assembled in Canada
→ Grey powder coat finish is standard

DIMENSIONS

17.86" (453.5 mm)
4.36" (110.7 mm)
13.133" (333.59 mm)

ORDERING GUIDE

SEN - ____ - ____ - ____ - ____

SERIES	# OF ZONES SUPPORTED	RELAY CONTROL OUTPUT (NO MORE THAN # OF ZONES)	CURRENT	PROGRAM
SEN	1 2 3 4 5 6	1 2 3 4 5 6	AC DC	To be completed by a BeLuce representative

NOTE: To connect more than one zone sense control panel, please ask the manufacturer to provide you with a new wiring diagram
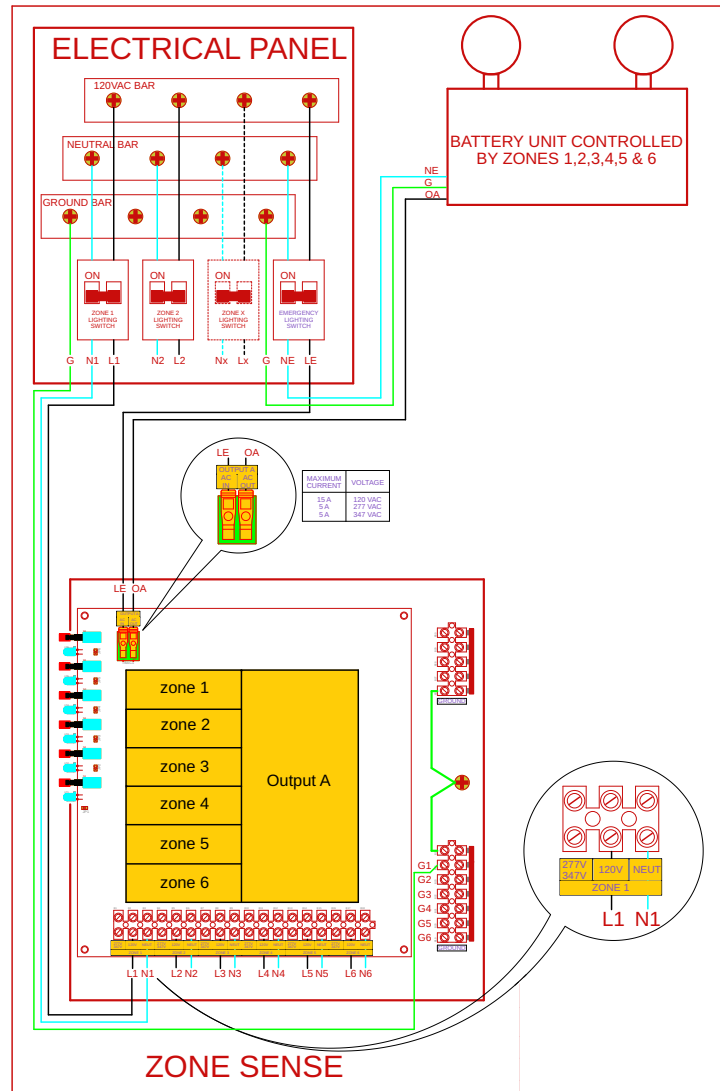
PRE-BUILT INVENTORY

ORDERING CODE	SHORT DESCRIPTION	LONG DESCRIPTION	# OF ZONES	RELAY CONTROL OUTPUT	CURRENT	PROGRAM
10001000	SEN-6-1-ACP10	SENSO ZONE SENSING PANEL 6 ZONES IN 1 OUT AC PROGRAM 10	6	1	AC	P10

NOTE: The part numbers above are recommended based on the most common configurations. However, if these configurations do not work, please contact the factory for all other possible configurations.

SENSO
Zone Sensing Panel

ELECTRICAL PANEL

120VAC BAR

NEUTRAL BAR

GROUND BAR

BATTERY UNIT CONTROLLED
BY ZONES 1,2,3,4,5 & 6

NE
G
OA

| ON | ON | ON | ON |

ZONE 1 LIGHTING SWITCH

ZONE 2 LIGHTING SWITCH

ZONE X LIGHTING SWITCH

EMERGENCY LIGHTING SWITCH

G   N1 L1   N2 L2   Nx Lx   G   NE LE

LE   OA

OUTPUT A
AC   1   AC
IN   OUT

MAXIMUM CURRENT	VOLTAGE
15 A	120 VAC
5 A	277 VAC
5 A	347 VAC

LE OA

zone 1

zone 2

zone 3

zone 4   Output A

zone 5

zone 6

GROUND

G1
G2
G3
G4
G5
G6

277V 347V	120V	NEUT
	ZONE 1	

L1   N1

L1 N1   L2 N2   L3 N3   L4 N4   L5 N5   L6 N6

ZONE SENSE

10001000 - SEN-6-1-ACP10