

ZNSC2 ZONE SENSING CONTROL PANEL

COMPLIES TO THE WINNIPEG BY-LAW NO. 77/2015

COMPLIES TO THE ALBERTA ELECTRICAL SAFETY BULLETIN 10-2017 CEC-046



The ZNSC2 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 ZNSC2 will automatically trigger emergency lighting operation upon loss of AC current. With the ZNSC2, 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. It is also compatible with AimLite autotest battery units. This new design is clear and simple to install.

FEATURES & 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
- Compatible with AimLite's automatic-testing, self-diagnostic boards
- 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

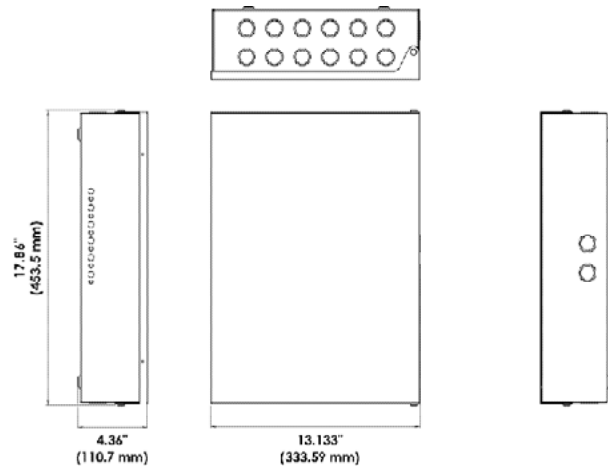
COMPLIANCE

- Meets requirements of ICES-005

APPROVALS

- CSA Certified to C22.2 #141-15

TECHNICAL DRAWINGS



RECOMMENDED FLEXIBLE PART NUMBER

PART NUMBER	# OF ZONES	RELAY CONTROL OUTPUT	CURRENT	COLOR	PROGRAM
ZNSC2-6Z10-ACP10	1-6	1	AC	GY - Grey	10

The part number 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.

ORDERING GUIDE

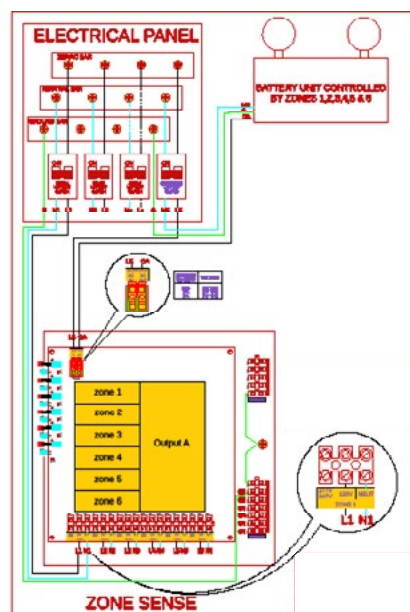
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GRY

SERIES	# OF MONITORED ZONES {?Z}	RELAY CONTROL OUTPUT {?O}	CURRENT	COLOR	PROGRAM
ZNSC2	_Z (BETWEEN 1 AND 6)	_O (BETWEEN 1 AND 6 - NO MORE THAN #Z)	AC DC	GRY- GREY (STANDARD)	TO BE COMPLETED BY AN AIMLITE REPRESENTATIVE¹

To connect more than one zone sense control panel, please ask the manufacturer to provide you with a new wiring diagram



ZNSC2-6Z10-ACP10

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.