

M431/M428 Pavement Moisture/Temperature Sensor & Controller DATA SHEET

Features:

M431 - Designed for embedding into the surface of outdoor concrete, asphalt or paver surfaces, this sensor detects both temperature and moisture. Placement location of the sensor is important because it is the “eyes and ears” of the snow melting system. As a result, it should be mounted where the worst snow and ice problems normally occur.

Specifications:


Controller- Monitoring readings sent from the Pavement Moisture/Temperature Sensor or the Gutter Moisture Sensor and Outdoor Temperature Sensor, the Controller ensures economical control of power consumptions while keeping outdoor areas and roofs free of ice and snow.

Design:



Data:

Sensors Technical Data	Pavement Temperature Moisture Sensor
Detects	Moisture and Temperature
Mount	Outdoor Area
Ambient Temperature	-20/+70 °C -4/+158 °F
Dimensions	1.25”H 2.25” DIA

	PACKAGE/SENSOR INFORMATION
Optional M450 Rough In box for M432 Controller	M431
	Includes M432 controller and M433 sensor with 30’ cord
	M428
	Includes M432 controller and M430 sensor with 80’ cord

Controller Technical Data			
Supply Voltage	120/240V+10%, 50-60Hz	Built in timer for manual snow melting/afterrun	1 to 6 hours
Temperature Range	0/+5 °C +32/+41 °F	Weight	1 lb
Working range	-20/+5 °C -4/+41 °F	Dimensions	6.75”H x 6.25”W x 1.75”D
Display	Graphic and with backlight		



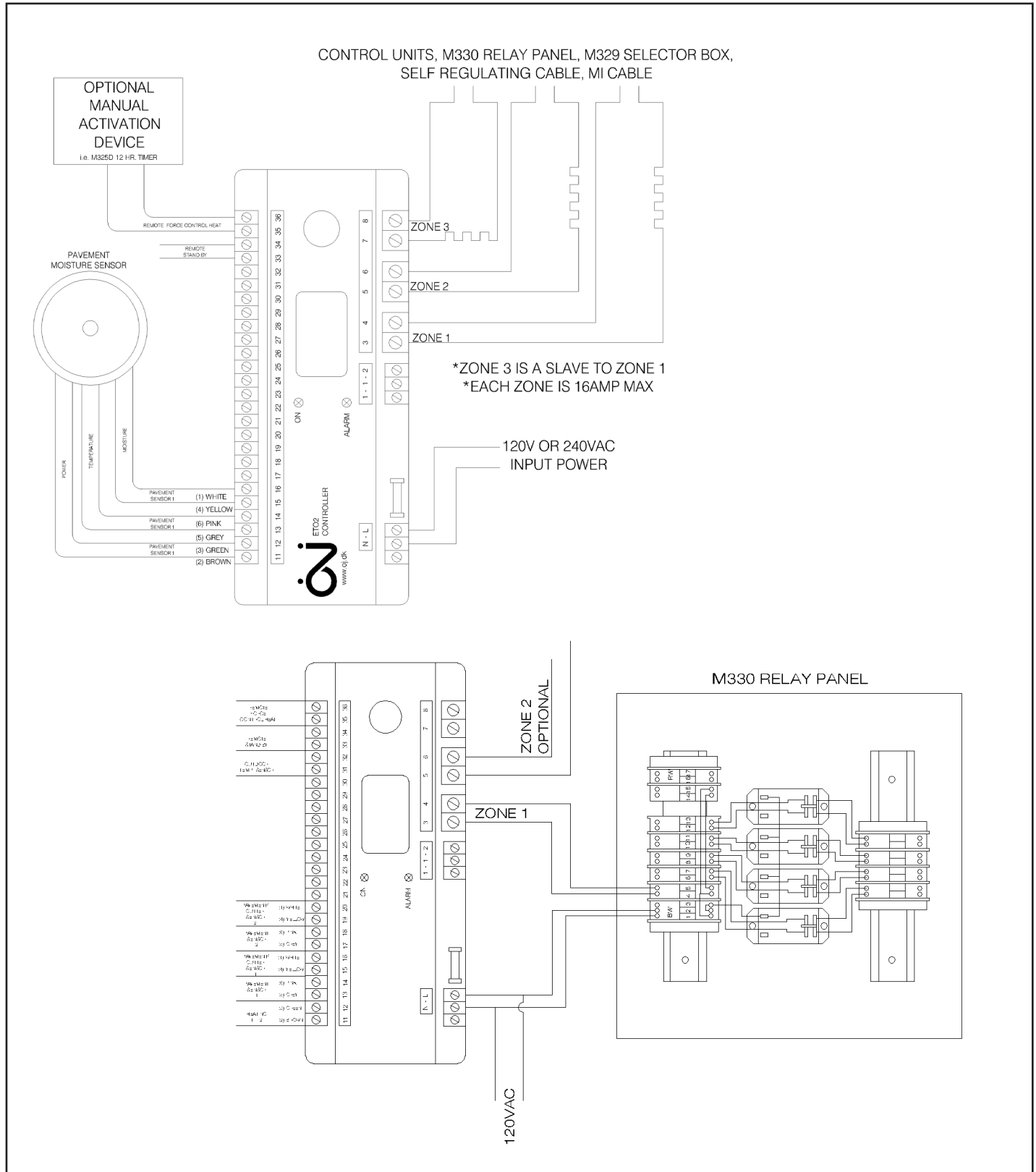
Note: Refer to the NEC or CEC for specific requirements.



FOR MORE INFORMATION CONTACT:
Comfort Radiant Heating LLC
 (888)448-0555 (518)373-5700
www.comfortradiant.com

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Wiring:



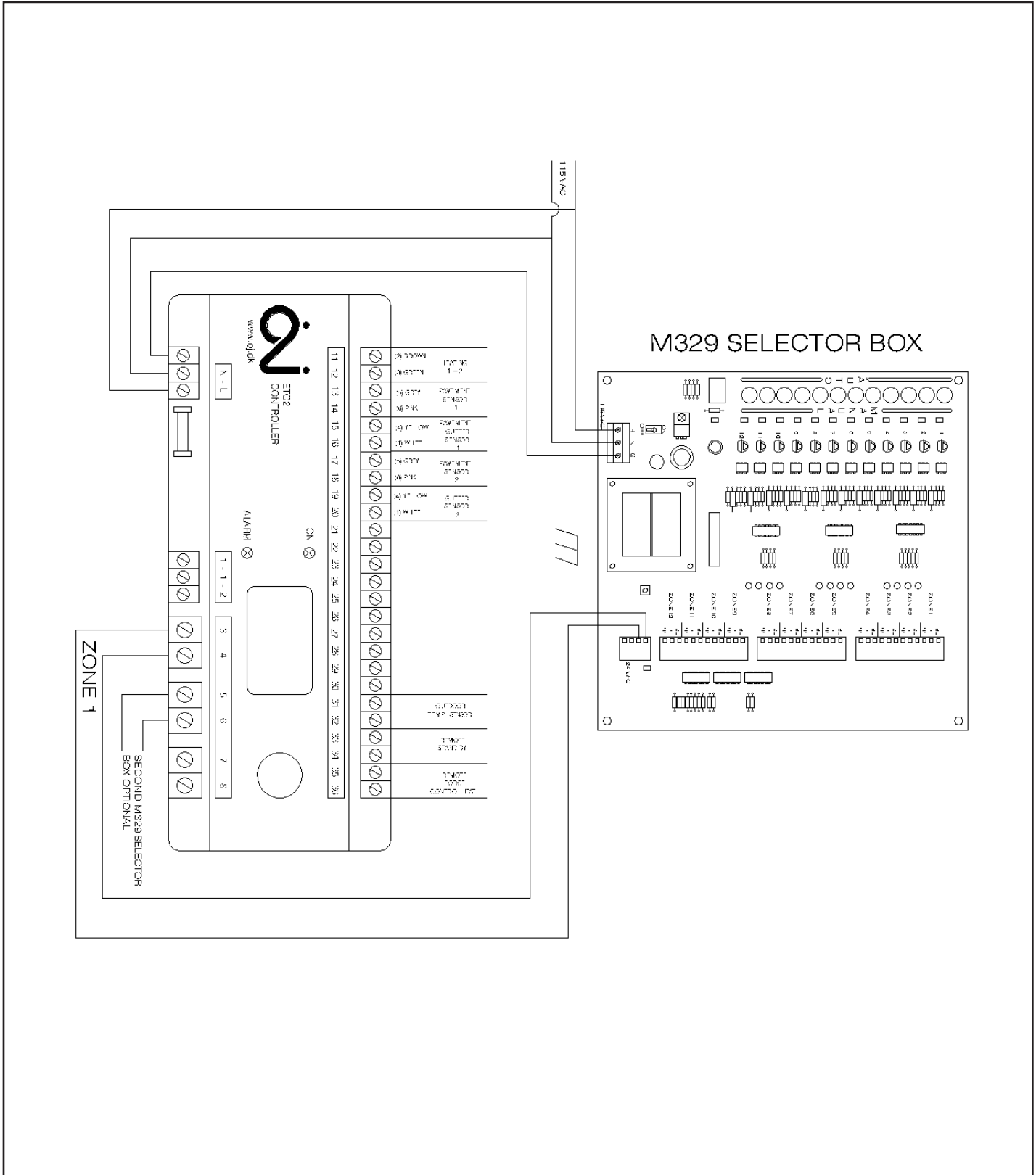
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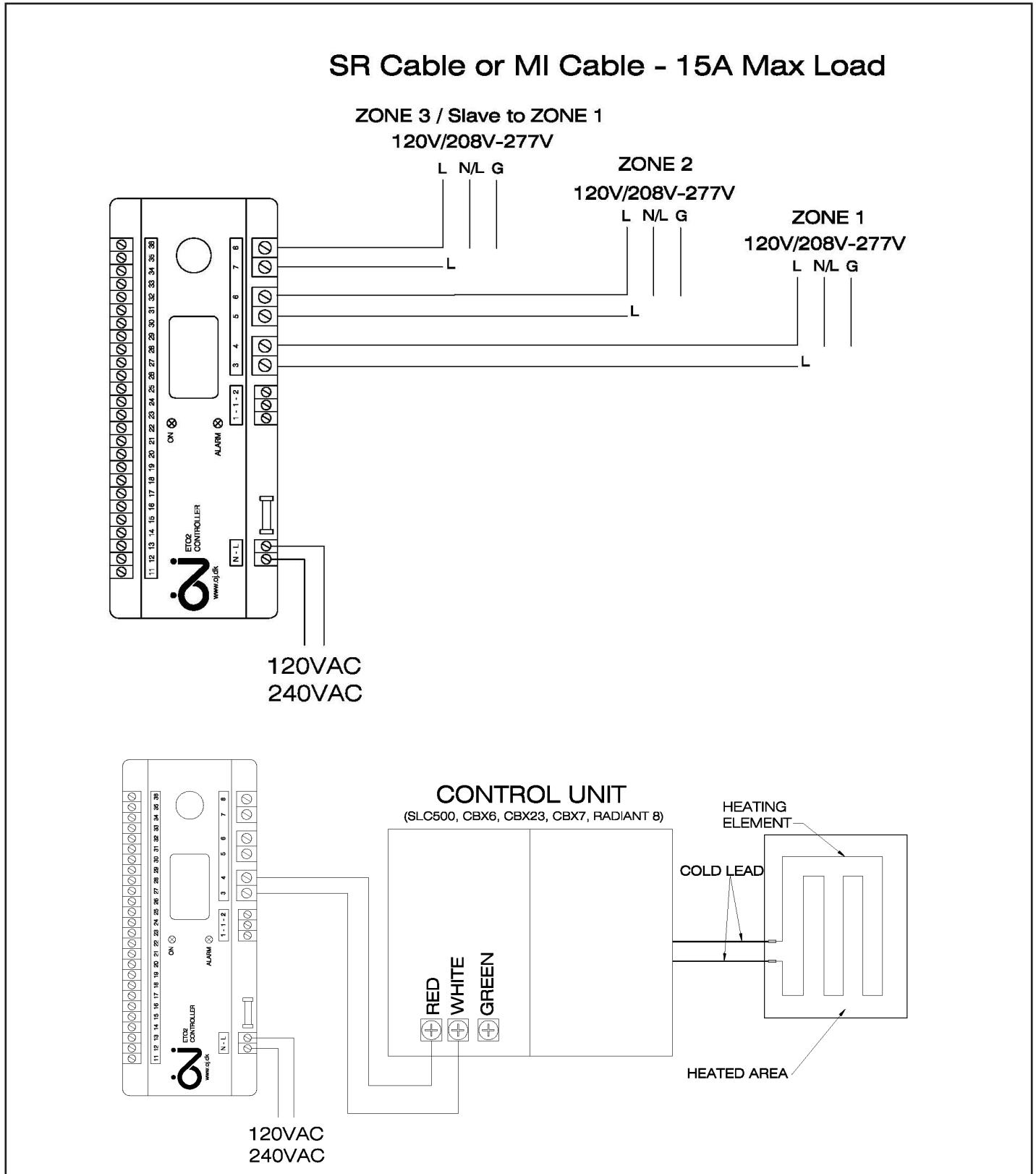
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