

# Remediation System Controls



The ORS RCM™ 1000 Remediation Control Module microprocessor based controller designed to provide basic control of ORS equipment components at remediation sites. The controller contains the necessary inputs and outputs to control a single device (blower, pump, etc.) based on intrinsically safe sensor inputs (probes and sensors). The ORS RCM™ 1000 is a user friendly controller designed to provide uncomplicated installation and years of trouble-free operation. Simply wire in the sensor input and power, and the RCM 1000 installation is complete. For basic control needs, the ORS RCM™ 1000 can lower the installation, operation, and maintenance costs associated with running remediation equipment.

## FEATURES

- Provides automatic control of Remediation Equipment
- Simple installation - No switch to set or programming necessary
- Indicator LED's show status of inputs and outputs
- HOA (Hand-Off-Auto) switch to manually override the motor output
- Weatherproof NEMA 4X (IP 66) enclosure
- Circuitry receives intrinsically safe sensor outputs
- Optional intrinsically safe relay available
- Can receive inputs from a variety of sensors
- Optional time delay
- Interlocks to insure reliable operation
- Alarm output can control indicator lamp, dial-out device, or other signaling mechanism.



ORS RCM 1000

## SPECIFICATIONS

<p><b>Enclosure</b>  <b>Equipment Interlock Connections</b>  <b>Motor Output</b></p>	<p>14" H x 12" W x 6" D (35.6 x 30.5 x 15.25 cm)          (5) intrinsically safe inputs          (1) mechanical relay output directly drives up to 2.5 HP motor @ 240 VAC (1.0 HP @ 115 VAC) or the coil of a larger, external motor starter.</p>
<p><b>Auxiliary Output</b>  <b>Line Voltage</b>  <b>Operating Temperature</b></p>	<p>(1) 10 Amp solid state alarm signal output          1 phase, 115 VAC, 50/60 Hz          -40° - 130°F (-40° to -54°C)</p>

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