For new construction and retrofit applications, the TELSEC® provides an integrated surveillance solution to monitor and control all environmental and equipment alarming in a remote CEV. The TELSEC® 2000WM Monitoring and Control Panel provides a direct replacement for any existing electromechanical or electronic controls in remote CEVs:

- Performs all control, monitoring, and communication functions in a single product.
- Provides critical visibility to the remote CEV via 2-way communications, which enables remote interrogation of the sites from any alarm and/or maintenance center.
- Delivers critical battery monitoring during discharge: predicted battery capacity and time remaining until low voltage disconnect is calculated constantly. The TELSEC® will generate an alarm when the capacity or time remaining is below user programmable thresholds.
- Provides power relays for controlling air conditioners, vent fans, and heaters.
- Replaces older generation thermostats, humidistats, lead/lag controllers, mechanical bypass timers, and other electromechanical components.
- NEBS Level III Approved Controller.

Acting as your smart eyes and ears at the remote site, the TELSEC® Monitoring and Control Panel delivers large savings and quick payback by:

- Reducing energy costs via free cooling and intelligent HVAC lead/lag control strategies.
- Reducing visits to remote CEVs.
- Eliminating downtime by acting as an early warning system.
- Enhances troubleshooting with a searchable event history log.
- Extending life of critical operating equipment including air conditioners and batteries.
Part Number: 150090
Number of Outputs: 32
Input Types (32): All universal inputs can be analog (0-5 VDC or 0-20 mA), dry contact closure or wet contact (±65 VDC)

TELSEC® Output Types (16): Normally Open (NO), 1 amp at 30VDC, 0.3 amps at 60VDC, 0.5 amps at 125VAC

Panel Control Relays (12): 1-Vent Fan, 24VDC coil, 30 amps, 2-Cool, 24VDC coil, 30 amps, 1-Heat, 24VDC coil, 30 amps
1-Emergency Lights, 24VDC coil 10 amps, 1-Work Light, 24VDC coil 10 amps, 1-AC Fail, 240VAC coil 10 amps,
1-Sump Pump, 24VDC coil 10 amps, 1-Red/Green Light, 24VDC coil 10 amps, 1-Dehumidifier, 24VDC coil 10 amps,
1-Damper, 24VDC coil 10 amps, 1-Changeover, 48VDC coil 10 amps

Annunciator: 80db at 1M

Power: Dual Feed (A&B) ±18 to 65 VDC, 0.5 amps. Optional 120/110 VAC, 60Hz, 0.25 amps

Front Panel: Built-in user interface with 8 keys and a 32-character backlit LCD Display

Serial Port: One (1) Asynchronous db9 RS232 serial port for craft access. Programmable for speed, parity, and bit format
Three (3) serial ports software configurable for RS232, RS485 or RS422. Management Console for out of band access

Network Interface (option): Ethernet 10/100 Base-T

Network Protocols Supported: IPv6, IPv4, HTTP, HTTPS, DNP3, RADIUS Password Authentication, NTP, SMTP (email), SSHv2, Telnet, TL1, SNMP v1, v2c and v3 for Gets, Sets and traps/informs

Alarm Transmission: TL1 over Telnet up to nine locations, SNMP Traps or Informs to four locations, email to nine addresses

Logging: Logs all inputs, outputs, and alarms over 10,000 points

I/O Terminals: Two (2) 50-pin Amphenol® connectors for outputs, discrete and analog inputs. Supports 2 wire (tip and ring), connections for each point using 25 pair cable

Backup Battery: Long-life lithium. 10-year shelf, 1.5 years under load

Sensor Accuracy: Temp: ±1°F (±0.5°C), Humidity: ± 2% of range. Temperature and Humidity sensors included

Ambient Operating Temp: -40 to 180°F (-40 to 82°C), 0-95% RH Non-condensing

Certification: NEBS Level III Approved, UL Listed, CE

Dimensions: 24.375”H x 16.375”W x 6.625”D (619 H x 416 W x 168 D mm)

Shipping Weight: 55 lb (25kg)

Warranty: 1 year

NOTE: To increase the system configuration to an additional 200 Inputs, a rack expansion module can be networked to a TELSEC® 1500/2000 RM/WM, order Quest Part #150794-200.

Specifications subject to change without notice

Quest Controls
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