Raychem Elexant 3500i Electronic Thermostats

Raychem

The Elexant 3500i is a family of compact, full-featured, electronic thermostats for heat tracing. Designed from a common hardware platform, the Elexant 3500i offers five (5) variants and two (2) enclosure types to allow you flexibility in tailoring to your heat tracing needs.
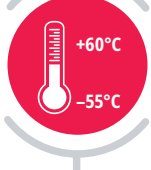
250k CYCLES
Design Life

chemelex

Fast Installation with Minimal Components

- Quick connect terminals for fast and secure cable connection.
- Power connection and thermostat in one, for up to two heating cables.
- Robust wall-mounted or pipe stand enclosures, minimizing required components and tools.
- Approved to 32 A and 277 Vac, for longer heating cable lengths, thereby minimizing circuits and components.

Flexible Design. Reliable Performance.

- Five variants of electronic modules to match your needs, from local indication light, to remote communication, current and ground fault sensing.
- Interchangeable electronic modules for hassle free upgrades.
- Globally approved for hazardous areas in extreme environments (–55°C to +60°C, –67°F to +140°F).
- Hybrid switching relay (SSR + EMR) rated to 250,000 power cycles for superior product life (IEC 60079).
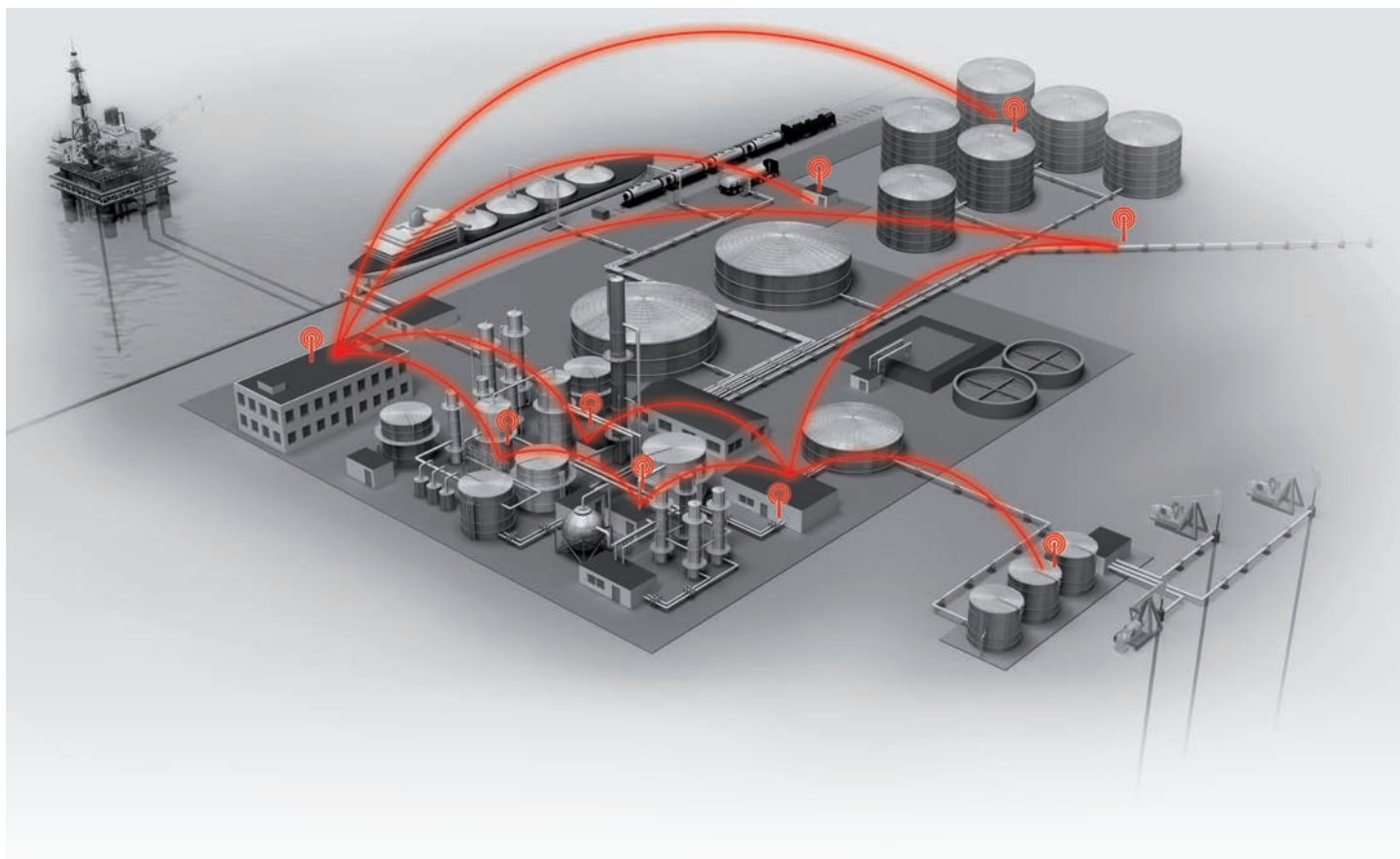
+60°C
–55°C

Connected Operation. Automated Monitoring.

- Configure via Bluetooth on a mobile device or tablet with the Elexant Connect App.
- Connect to your distributed control system (DCS) for remote control & monitoring. Be in full control. Anywhere. Anytime.
- Auto-test performed every 24 hours for early warnings & predictive maintenance.
- "Find Me" feature via Bluetooth connection allows user to quickly identify and locate specific Elexant 3500i thermostats.

Broad range of control & monitoring solutions

The Elexant 3500i can be connected with other Raychem controllers, Raychem Supervisor software and also to your central DCS system.

Field controllers and panels

Configuration & monitoring via local user interface / Tablet and integration to DCS or Raychem Supervisor.

Connectivity

Wired or wireless connection of all components for full heat trace visibility over entire facility.

Data analytics and monitoring

Secure data collection and analysis combined with remote monitoring & configuration of heat tracing circuits.

Life Cycle Services

Minimize operational downtime with our audits, field support, remote or embedded services, and adaptive service programs.

Make Your Smart Choice

1 Choose model enclosure

2 Choose variant

3 Upgrade when needed

	Standard	Alarm	Communicating	Current Sensing	Ground Fault Detecting
Modular Design	☑	☑	☑	☑	☑
Quick Connect	☑	☑	☑	☑	☑
Local Indicator Light	☑	☑	☑	☑	☑
Alarm Relay		☑	☑	☑	☑
Temperature Sensors	1	1	1	2	2
Secured Configuration			☑	☑	☑
Central Communication			☑	☑	☑
Auto-Test				☑	☑
Low Current Alarm				☑	☑
Ground Fault Protection					☑

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excellence is everything

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