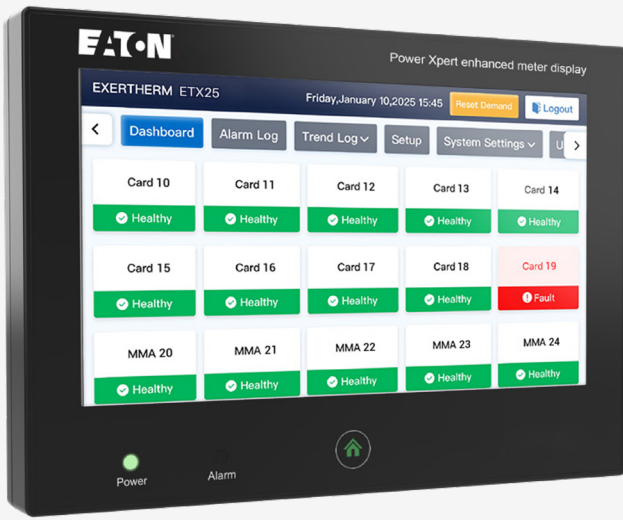


# Exertherm Thermal Xpert 25

The Smart Gateway to Continuous Thermal Insight



Powering Business Worldwide



## Introducing ETX25

Exertherm Thermal Xpert 25 (ETX25) is the next evolution of the industry-proven ARM XL — re-engineered to make continuous thermal monitoring accessible to every electrical asset owner, not just those with BMS, SCADA or EPMS platforms.

ETX25 acts as a self-contained thermal monitoring gateway, bringing Exertherm’s 24/7 hotspot detection into a single, intelligent device with built-in visualisation and remote access via a standard web browser. No specialist software. No integration barriers. Just actionable insight, anywhere.



Asset Monitoring and Maintenance

### Why Thermal Xpert 25?

Traditional thermal inspections offer only a snapshot. ETX25 delivers continuous certainty by aggregating data from Exertherm’s non-contact infrared sensors, cable sensors and MCC monitoring sensors, detecting abnormal temperature rise long before failure occurs.



Personnel Safety

## A True Gateway Device



Standalone monitoring for sites without BMS, SCADA or EPMS



Built-in web interface for remote access via any standard web browser



Seamless integration with existing BMS, SCADA or EPMS via Modbus TCP/IP



Local and remote visibility of live and historical thermal data

## Key Benefits

- 24/7 continuous thermal monitoring of critical electrical connections
- Remote access to data and alarms via web browser
- Early warning of developing electrical faults
- Improved safety through reduced interaction with live assets
- Localized data storage and trending; alarm database for reviewing historical alarms
- User adjustable passwords and access control
- Web browser allowing full control and access to data
- System upgrade via web browser
- Reduced unplanned downtime and maintenance costs
- Enhanced protection for low-load circuits using patented LoadMap® technology
- Vendor-neutral design suitable for retrofit or new-build applications
- Larger panel aperture – now featuring a standardised 95 DIN cut out, consistent with other power meters for simpler panel integration

## Built on Proven ARM XL Capability

Thermal Xpert 25 retains the trusted monitoring, alarm handling, and scalability of ARM XL while extending access through modern web-based visibility.

## Technical Specification (Core)

- Power Supply: 24 VDC (20.4–28.8 VDC range)
- Monitoring Capacity: Up to 80 IR or cable sensors and up to 60 MCC drawers
- Communications: Modbus TCP/IP (Port 502) and RS485 Modbus
- Alarm Outputs: 2 × volt-free (dry contact) relay outputs
- Alarm Types: Warning, Critical, Communication Failure, MCC Alarm
- Mounting: Panel mounted per switchboard

# Exertherm Thermal Xpert 25

See more. Know sooner. Act before failure.

[Discover more about CTM](#)

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Printed in USA  
Publication No. MN150025EN/GC  
October 2025

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