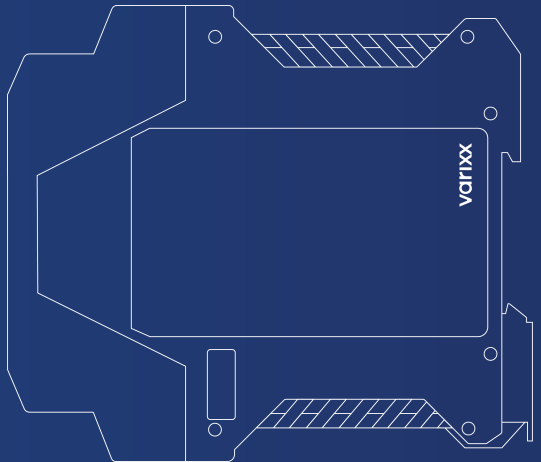
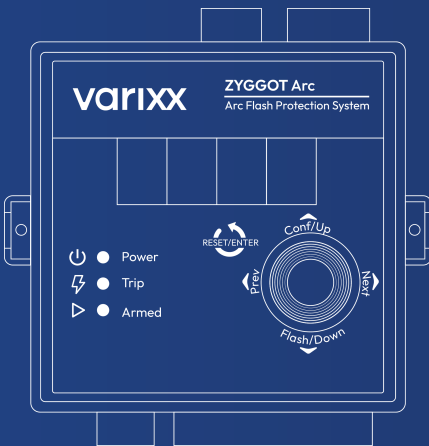
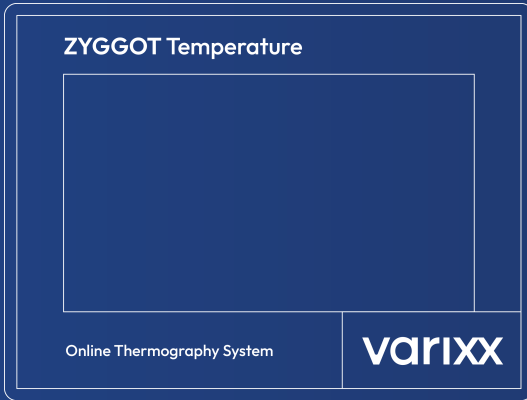


ZYGGOT® Solutions

Varixx Monitoring and Protection Systems





Arc Flash Mitigation Systems and Integrated System



ARC SPL

ZYGGOT® ARC SPL is a cost-effective arc flash protection system using ultra-fast UV detection (<math><300 \mu\text{s}</math>) to cut incident energy by up to 150x. It supports up to 50 sensors, needs no extra relays, and integrates via Modbus. Reliable, compact, and CE-compliant, it ensures high safety with simple installation.



ARC (VZA)

ZYGGOT® Arc features ultra-fast UV detection (300 μs), with a dedicated relay and local interface for direct operation and monitoring.



ARC V5FA

Combines ultra-fast UV detection (300 μs) with a touch-screen relay for local configuration and monitoring. It supports up to 40 arc triggers, allowing selectivity across 40 independent protection zones per relay, ensuring high flexibility and safety in medium- and high-voltage systems.



THM+ARC

Combines online thermographic monitoring and ultra-selective arc flash detection in a single compact relay. It monitors temperature (up to 100 sensors per relay) and detects arcs (up to 100 sensors per gateway), acting in under 300 μs , with support for multi-gateway selectivity (40 gateway per relay). Ethernet/Modbus integration.



Termography Systems



VZX

Monitors target and ambient temperature (up to 125 sensors) for low/medium voltage, with a conventional relay and Modbus (Profibus optional).



V5F

Same temperature monitoring capability (125 sensors), but with a touch-screen relay and advanced communication via Modbus and Ethernet/IP.



RADDIA TS

Wireless thermal monitoring system for transformers, motors, and LV/MV panels. It supports up to 125 radio sensors per relay, with configurable alarms/trips, Ethernet integration, and quick installation — no wiring or batteries needed.



SG

Cost-effective continuous temperature monitoring system that uses plug-and-play One-Wire sensors (up to 400 per gateway) with local display and Modbus / Ethernet integration. It is ideal for MCC buckets / drawers, data centers, and busbar connections, providing real-time supervision and increased reliability without batteries or complex installation.

PRODUCT	KEY FEATURES	APPLICATION CONCEPT
 Arc Flash Mitigation Systems		
 ARC SPL	Cost-effective arc flash protection with ultra-fast UV detection (<300 μ s), up to 50 sensors, Modbus/Ethernet integration, no relay required.	Simple, cost-effective solution for switchgear and panels needing fast arc protection with easy installation.
 ARC (VZA)	300 μ s UV detection with dedicated relay and local interface.	Reliable protection for low / medium / high voltage systems, where local
 ARC (VSFA)	Touch-screen relay, 300 μ s detection, supports up to 40 arc triggers for zone selectivity.	Advanced solution for complex installations needing high flexibility and selectivity across multiple protection zones.
 Termography Systems		
 VZX	Monitors target & ambient temperature (up to 125 sensors) with conventional relay, Modbus/Profibus.	Low and medium-voltage panels requiring continuous temperature monitoring and traditional communications protocols.
 V5F	Same monitoring (125 sensors), but with touch-screen relay and Ethernet/Modbus/TCP-IP.	For modern/digital substations and panels requiring advanced connectivity and user-friendly local operation.
 RADDIA TS	Wireless thermal monitoring with up to 125 RF sensors, configurable alarms/trips, Ethernet integration, no wiring needed.	For modern substations and panels where cabling might be difficult or where standard sensors do not fit.
 SG	Cost-effective monitoring with self-addressing One-Wire sensors (up to 400 per gateway), local display, up to 5 communication protocols.	For MCC buckets / drawers, data centers, and busbar connections.
 THM+ ARC	Combines online thermographic monitoring (100 sensors) and arc protection (<300 μ s), supports multi-gateway selectivity (40 per relay), Modbus / Ethernet.	Integrated solution for critical assets needing both temperature monitoring and arc flash protection.

World-first Launch 2025: ZYGOT® TOH (Continuous Thermal Monitoring + Ozone + Humidity).