

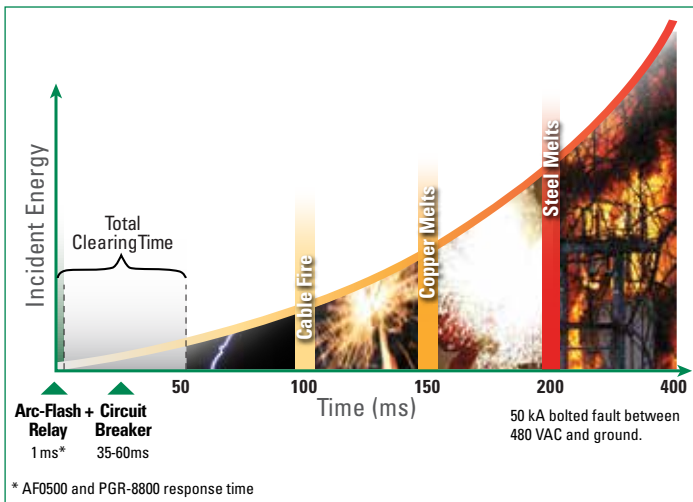


Triple Protection From Arc Flash

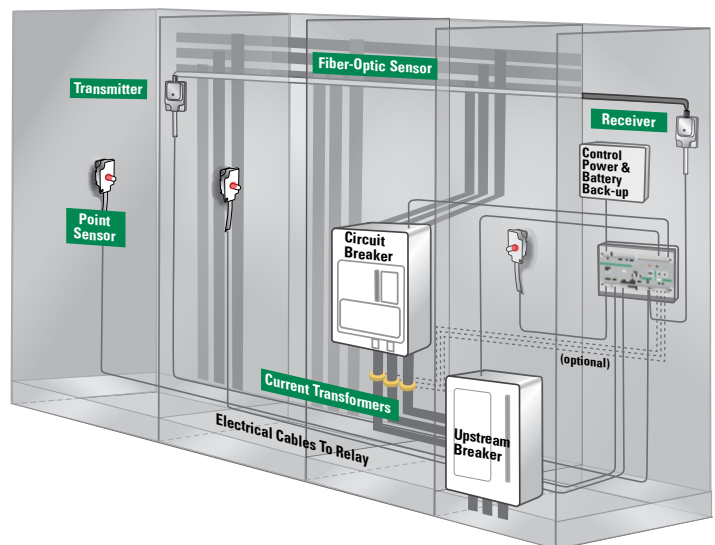
Design Arc-Flash Safety Into the Panel with Industry-Leading Technology

- Detect and stop an arc flash in milliseconds
- Reduces arc-flash incident energy of the panel
- Simple plug & play installation
- Interchangeable light sensor flexibility
- Satisfies NFPA 70E and NEC 240.87

Damage Caused By Arc-Flash Incident



Switchgear Protection with PGR-8800



Feature Comparison

FEATURE	AF0100 AFFORDABLE SPACE-SAVER	AF0500 ZONE & TIE-BREAKER TRIP	PGR-8800 ADVANCED LIGHT & CURRENT SENSING
Reliable Light Detection: inputs for point or fiber-optic sensors	2	4	6
High-Speed Trip Output	<3 to <8 ms depending on configuration	<1 ms	<1 ms
Redundant Internal Trip Path for added reliability	✓	✓	✓
Light Sensor Health Monitoring	✓	✓	✓
Breaker-Failure Detection and Upstream Tripping		✓	✓
Data Logging		✓	✓
Tie-Breaker Tripping		✓	
Zone Tripping		✓	
Network Communications		Dual Modbus-TCP	Modbus RTU
Light Waveform Capture			✓
Optional Current Sensing for Fault Verification			✓

Build an Arc-Flash Protection System

Design a flexible protection system using the AF0100 and AF0500 together. Innovative digital input and output terminals let you interconnect as many arc-flash relays as needed to include the right number of light sensors, and create several zones. The result is customized protection without complex programming or configuration.

