ArcWatch*
GE’s Selective Coordination and Arc Flash Solution

Don’t compromise protection for coordination.
Designing a power distribution system for a critical project?

If you’re struggling to meet the NEC Instantaneous Selectivity requirement while keeping arc flash incident energy in check, then check out ArcWatch*, GE’s selective coordination and arc flash solution, designed to meet the needs of your next critical project!

Our unique combination of intelligent trip units and current limiting molded case circuit breakers create the ArcWatch system solution that allows full coordination without excessively high pickups or long delays. You no longer have to compromise protection for coordination.

GE’s ArcWatch is powered by Instantaneous Zone Selective Interlocking (I-ZSI) and Wave Form Recognition (WFR). I-ZSI allows intelligent communication between circuit breakers like traditional ZSI, but adds interlocking of the INST protections of the trip units. This allows more sensitive and fast-acting circuit breakers to be selective. Wave Form Recognition (WFR) provides EntelliGuard family devices the intelligence to recognize the operation of downstream devices. When paired with GE current limiting molded case circuit breakers, WFR allows lower INST pick-up settings while maintaining full selective coordination.

Protection or Reliability – Don’t Compromise
GE = Protection + Reliability

Everyday Compromises:

- High set or non-instantaneous breakers sacrifice protection for coordination
- Current limiting/molded case circuit breakers are fast and provide good protection, but are challenging to coordinate
- Maintenance switches sacrifice coordination for protection

Only GE offers you a solution that provides arc flash protection and selective coordination—simultaneously!

ArcWatch provides a balanced solution.
With GE, your power distribution system can be selective without sacrificing arc flash protection.

**GE's Selective Coordination Products with ArcWatch Technology**

**EntelliGuard’ Trip Units**

**EntelliGuard’ G Circuit Breaker**

**Record Plus’, Spectra’ and TEY Current Limiting Circuit Breakers**

ArcWatch (WFR + I-ZSI) = Sensitive Trip Units with Intelligent Response

- MV Transformer Primary
  - Multilin F35 UR (I-ZSI)
- AKD-20 Switchgear
  - Entellisys Switchgear
  - Evolution Switchboard
  - EntelliGuard G
  - EntelliGuard TU
  - EntelliGuard E
- Evolution Switchboard
  - Evolution Motor Control Center
  - PowerBreak II
  - Spectra w/microEntelliGuard
- Evolution Motor Control Center
  - Spectra F
  - Spectra E
- Evolution Switchboard
  - Spectra Panelboard
  - RecordPlus FG
  - RecordPlus FE
- A-Series Panelboard
  - TEYF/D/H/L
  - Q-Line
  - RecordPlus FB
Want to learn more? Meet Bob–He can fill you in on all our selectivity solutions at: www.geindustrial.com/ArcWatch.

Selective Coordination Resources

DET-760 : Guide to Instantaneous Selectivity
DET-654 : Guide to Low Voltage System Design and Selectivity
DET-537 : Overcurrent Device Selectivity Tables
Time Current Curves

Need project assistance? Contact your local Specification Engineer or call Customer Solutions at:
1-800-GE1-STOP

* Trademark of General Electric Company.
This information is based on data available at the time of printing and is believed to be accurate, but GE makes no warranty or guarantee regarding the accuracy of the information.