ELECTRICAL SAFETY
Keep Safety, Not Currents, Close to the Heart
At Littelfuse, we value safety for people as well as protection for equipment. We created this infographic to help close some electrical safety knowledge gaps that our recent poll uncovered. Because, at the heart of it all, nothing is more important than safety.

Current-Limiting Fuses
Minimize the Severity of an Arc-Flash Incident by Lowering the Clearing Time
The quicker the current-limiting fuse opens, the faster the high value fault is interrupted, which further limits the let-through current.

Current-Limiting Fuses Limit Arc-Flash Incident Energy
Current-limiting fuses can also be considered a SUBSTITUTION when fuses are upgraded to designs that reduce incident energy due to current-limiting performance.

Out-of-Hospital Cardiac Arrests Cause Death Within Minutes
According to OSHA, waiting for emergency responders to provide shock to someone who has gone into cardiac arrest has a 93–95% FATALITY RATE. However, studies have found that up to 60% of victims SURVIVE when a bystander is able to use a publicly available automated external defibrillator (AED) within 10 minutes of the attack. This is why it is important to establish AWARENESS of the nearest AED when in workplace and public settings. Learn about implementing AED programs in workplaces with resources from the American Heart Association.

More Than 95% of Electrical Faults are Line-to-Ground
Ground fault protection relays ensure the protection against fire and safeguard equipment from line-to-ground fault currents by ELIMINATING the means to open all ungrounded conductors of the faulted current.

Physical Effects of 50–60 Hz Current Flowing Through the Body
Cardiac arrest and severe burns occur

Emergency Numbers
1-800-ARC-FLASH
1-800-272-3570

An Arc Flash is Intense. Use a High-Quality Arc-Flash Relay to Quickly Detect and Mitigate the Damaging Effects.

Test your safety knowledge. Take the quiz.
Learn more about how to design safety into plant and facility electrical systems.