

Keep Alternative Energy Production Protected *and* Connected

With Cooper Bussmann Alternative Energy Protection Solutions

For over 90 years, Cooper Bussmann has earned the recognition as the leader in overcurrent protection by providing the innovative products and solutions designed to meet evolving power system needs.

And now the Alternative Energy market can access the same downtime reduction, workplace safety and code compliance products and services that improve electrical system performance and reliability.

Overcurrent Protection

Wind and Solar power systems can range from simple to complex. There can be many components and subsystems such as photovoltaic panels, turbines, collector or combiner boxes, battery systems, charge controllers, inverters and drives. They all have one thing in common - the need for adequate and precise overcurrent protection to increase safety and minimize or eliminate equipment damage should an overcurrent event occur.

Wiring Devices

Cooper Bussmann also offers a wide variety of wiring devices to increase the ease of installation and improve electrical safety.

Cooper Bussmann First

Whether it's overcurrent protection or wire connection products you need, look to Cooper Bussmann to meet or exceed the requirements of your alternative energy system.



Solar Power

Solar PV Fuses (10x38mm)

- 1000Vdc Rating
- 1-15 Amps
- Full range fuse designed for solar system protection
- Multiple mounting options



Solar Combiner Boxes

- Standard, compact & disconnecting options
- UL 1741 Listed
- 2 to 24 Input circuits available
- Steel or fiberglass enclosures



600Vdc Class RK1 Solar Fuses

- Standard Class R fuse with fast-acting response to DC faults
- Easy to apply and install in traditional fuse blocks and holders
- UL Listed and CSA Certified to meet many DC applications
- 20 to 600A ratings

Heavy-Duty Solar Safety Switches

- 600Vdc
- UL 98 & UL 50 Listings
- Fusible and non-fusible configurations
- 30A to 200A Ratings
- NEMA 1, 3R, 12 & 4X Enclosures



DCM Midget Fuses

- 600Vac/dc, 1/10 to 30 Amps
- Small 13/32" x 1-1/2" size
- Full range, fast-acting
- Fits common fuse blocks and holders



Solar & Wind Power

CH Series Modular Fuse Holders

- 1000Vdc Ratings
- Available with indication
- Fits Class CC and midget/10x38mm fuses
- Local and remote indication options



PDB Power Distribution Blocks

- 1000Vdc Ratings
- Wire sizes #14AWG up to 500 kcmil
- IP20 Finger-safe
- DIN Rail or panel mount



High Speed Fuses

- Multiple configurations/constructions
- Variety of voltage and amp ratings
- UL and IEC certifications
- Local and optional remote indication on select fuses



Rail Mount Terminal Blocks

- NDN111, PLU3, NDN3
- Up to 600V, 90 Amps
- Control circuit wiring terminal blocks
- Available in numerous configurations



Wind Power

Low-Peak® CUBEFuse® and Holders

- 1-100 Amps, 600Vac/300Vdc
- Finger-safe compact size
- Panel or DIN rail mount holders dovetail together
- Class J fuse performance - indicating and non-indicating versions



EuroMag High Power PCB Terminal Blocks

- Up to 600V
- Up to 115A
- Available in multiple poles
- Wire sizes from #2 up to #24 AWG



Low-Peak® LPJ_SP Class J Fuses

- 600Vac/300Vdc
- 1-600 Amps
- Time-delay performance
- Finger-safe DIN rail holders available



Medium Voltage Fuses

- 2400V to 38kV
- BS, IEC, DIN and UL certifications
- Indoor and outdoor versions
- E- & R-Rated, BS IEC, DIN IEC, Transformer and fast-acting



Low-Peak® KRP-C_SP Class L Fuses

- 601-6000 Amps, 600Vac/300Vdc
- Mains, feeders and branch circuits
- 300kA AC / 100kA DC interrupting rating
- Time-delay fuse, 4 seconds minimum @ 500% rated amps