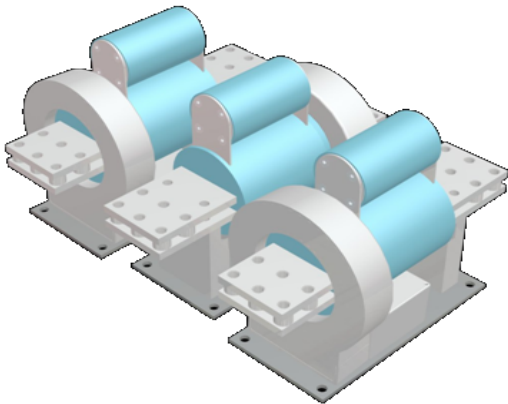


Meet NFPA 70E Requirements.

Protect Personnel and Equipment.

Effective Current Limitation for High Continuous Currents

- Arc Flash and Arc Blast reduction
- Network protection
- SCADA adaptable
- Indoor/outdoor application
- Professional support
- Easy to install and maintain
- Cost effective
- Onshore or Offshore
- Faster system restoration



Retains the protection and operating features of the medium voltage CLIPs in a small, rugged package.

Note: The center phase can be inverted to nest all 3 phases closely together to further reduce physical footprint!

Experience the full product offering of G&W



Single and Three Phase Solid Dielectric Reclosers
Available in overhead, substation and padmount applications. Unmatched safety, reliable performance, automation ready.



Underground Distribution Switchgear
Submersible, maintenance-free construction built to the most rigorous industry standards. Available in solid dielectric or SF6.



System Automation and Smart Grid Solutions
Lazer Automation provides standard or customized peer-to-peer solutions and is 100 percent scalable on a model-based platform.



System Protection Equipment
High continuous current ratings with current limitation and ultra-high speed operation. Mitigates Arc Flash and Arc Blast.



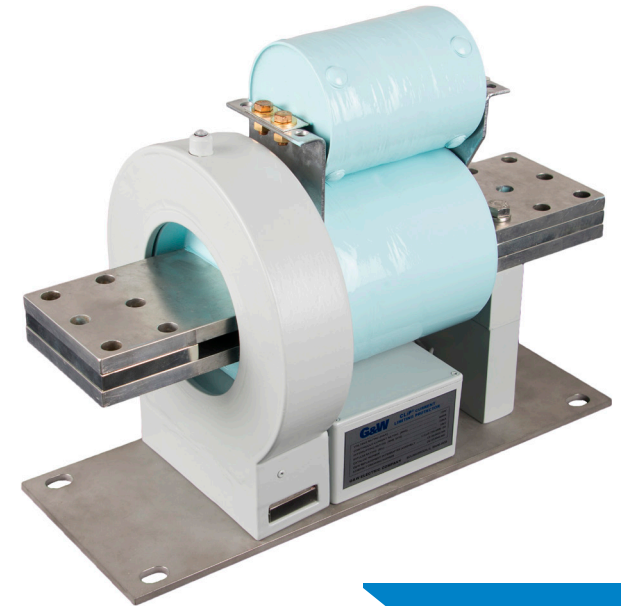
Transmission and Distribution Cable Accessories
Terminations and joints designed and manufactured to accommodate any new cable or existing cable systems.

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Engineered to order. Built to last.



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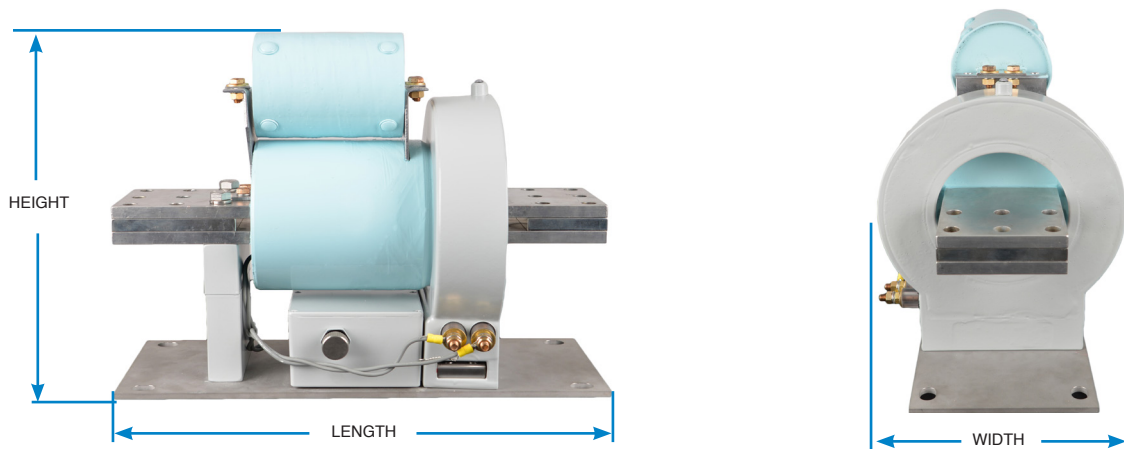
CLIP[®]

Current Limiting Protector

For Systems rated to 750 V
and continuous currents
through 4000A.

STANDARD FEATURES

- 1) A standard 3-phase unit comes complete with interrupters, mounting system using stainless steel channel base, sensing and firing logics, and tinned copper bus with pad for customer connection.
- 2) Sensing and firing logic units have *field-selectable* trigger level settings with ranges up to 42kA instantaneous. They do not use transient-susceptible rate of current rise (di/dt) sensing.
- 3) CLiP units are suitable for indoor use or for outdoor use with or without an enclosure.
- 4) Units are suitable for either 50 or 60hz applications.
- 5) Three-Phase Remote Indication of Operation provides one relay per phase with 2 N.O. and 2 N.C. (form C) contacts for customer fault sensing circuits (located in the control box). No need to trip all 3 phases for a 1 or 2-phase fault. No need to replace interrupters in unfaulted phases.
- 6) IP66, NEMA Type 4, welded steel, powder-coated Remote Control Box.
- 7) All hardware is stainless steel, brass or silicon bronze.
- 8) The CLiP can be installed in any orientation All control cables are of submersible construction.
- 9) If the CLiP protective capabilities are not required it can be disabled.



Maximum Voltage & Current		Dimensions
600V; 4000A	50-150kA; Single Phase	18.50" L x 9.63" W x 13.02" H
600V; 4000A	300kA; Single Phase	18.50" L x 9.63" W x 13.78" H

APPLICATIONS:

Personal Protection, Reduce Arc Flash Exposure - Protective suits will only help with the thermal effects and not with the concussion. The CLiP can greatly reduce fault energy (Arc Flash and Arc Blast) for much improved personnel protection.

Protect under-rated equipment - (the ones that have been neglected over the years) and satisfy your insurance companies.

Reduce fault energy - to limit damage or prevent transformer tank rupture (let-thru I²t is commonly 0.5% of that from a 5-cycle breaker).

Close tie position breakers - to improve voltage regulation or avoid further system upgrades while still being fully protected.

Limit generator fault - contribution to the utility within utility mandated limits.

TYPICAL USERS INCLUDE:

- Refineries
- Generating Stations
- Shipboard
- Distribution Networks
- Wind and solar
- Chemical Plants
- Paper Mills
- Capacitor Banks
- Universities
- Distributed Generation
- Hospitals
- Cement Plants
- Steel Mills
- Mining and smelting
- Condos and high-rise apartments
- Industrial/commercial buildings