



American Midwest Power

Solutions for Power


GTC - DESIGNED TO KEEP YOU UP AND RUNNING



Generator Termination Cabinet

A Quick and Convenient Station to Connect External Generator Power

**Our GTC will help you easily
establish a connection to back-up
power and keep you up and running.**



AMP is the premier manufacturer of standard & custom electrical distribution products, committed to finding you *Solutions For Power*.

ABOUT US

American Midwest Power has been manufacturing quality power distribution equipment for the residential, commercial, industrial and institutional markets. AMP gear can be found in all 50 states and many countries throughout the world. From lightweight busways to custom-engineered switchboards, our commitment to quality includes easy to install equipment, expert engineering assistance, and custom build services.

Customer satisfaction is our number one priority. With two dedicated manufacturing facilities located in Minneapolis, Minnesota, AMP has the manufacturing capacity to handle even the most compressed construction project schedules. AMP maintains a standard of excellence to the electrical industry and we are committed to providing our customers with quality, cost-effective products utilizing innovative designs and creative engineering, all delivered on-time and within budget.



AMP GTC INFORMATION



KEEPING YOU UP AND RUNNING

The American Midwest Power Generator Termination Cabinet (GTC) is specifically designed to be connected quickly and easily to a portable (mobile; roll up) generator.

Our GTC offers the ultimate protection for operations where power is truly mission-critical. Mission-critical to us, is where the facility cannot be without power for even a few seconds, no matter what. These units enable companies to quickly and easily bring in replacements for backup generators so they can be taken down for service or maintenance, or to act as a "backup for the backup" in the event of a power outage.

Our durable GTC solution is resistant to shock, impact, corrosion and weather



AMP GTC AVAILABLE OPTIONS

CABINET SPECS

- Ratings are 400 – 3000A, 600V, 3 phase 4 wire, 3 phase 3 wire and 1 phase 3 wire, NEMA 1/3R dual rates and Isc ratings of 85KA RMS symmetrical with no cable lashing required. (Please contact factory for higher ratings.)
- Cabinets are either wall mount or free standing pad mount for indoor or outdoor applications.
- The doors are held with weather resistant latches.
- ETL listed and labeled to UL Standards 1773 termination boxes.
- Cabinets meet all NEMA and NEC code standards.
- Cabinets provided with electrical grade plated Aluminum or optional plated Copper bus bars.
- The GTC has a stainless steel piano hinge for durability and corrosion resistance.
- **Custom design options** include disconnect options (fused switch or circuit breaker), custom main door interlocking, stainless steel enclosure, custom paint, phase rotation meters etc.

SAFETY FEATURES

- The access door is independently latched from the main door, providing you with an added safety feature.
- With the wall mounted GTC cabinet style, when hooking up the Camlock style receptacles, there is a clear Plexiglas barrier, allowing for a safer install and allowing you to not be exposed to potential live parts.
- Dead front construction on free standing GTC cabinet.

CAMLOCK SNAP COVERS

- Camlock generator connection points are covered with a spring-closed plastic cover for added safety.
- Phase color coded for ease of use.

CABINET CONSTRUCTION

- The cabinets are made with heavy duty die formed 12 gauge galvanized structural frame members. Cabinet has 3 point high strength door latches & door rods. The cabinet has tamper resistant fasteners and gasketed doors.

CABINET FINISH

- All cabinets are made of galvanized steel for corrosion resistance. Finishes include powder coated gray for added durability. Custom colors and stainless steel options are available.

GTC DT INTEGRATED WITH MANUAL TRANSFER SWITCH

- The GTC DT is available with a manual transfer switch. This meets the NEC 700.3 (F) code requirement. Cabinets are either wall mount or free standing for indoor or outdoor applications. UL listed and labeled to UL standards 891.



Free Standing Design

* Custom design options are available



GTCDT MEETS THE NEC 700.3 (F) REQUIREMENT

NEC 700.3 (F) SIMPLIFIED

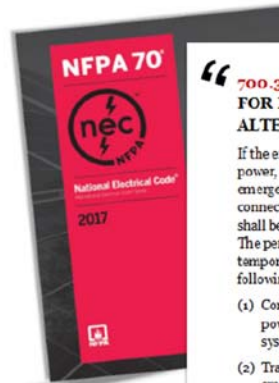
This provision essentially asserts that when a permanent generator is under maintenance or repair, a permanent switching mechanism needs to be installed for portable generator hook up.

HOW TO ADHERE TO THE NEW CODE?

The simplest AMP solution to meet the new code requirements is our **Generator Termination Cabinet (GTC) with Manual Transfer Switch & Camlocks**.

This cabinet provides the following:

- A switching means
- Has Camlock connections hard wired to the transfer switch
- Is ready for easy roll up generator hook up

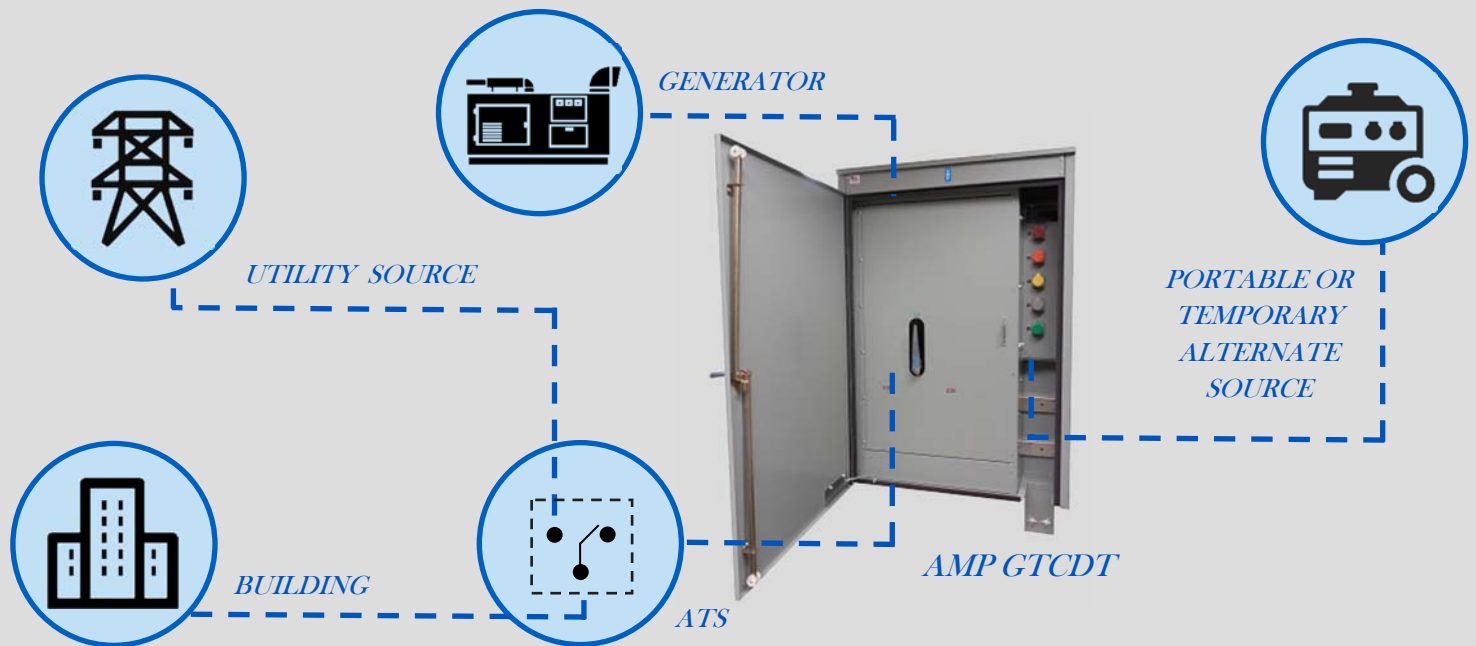


700.3 (F) TEMPORARY SOURCE OF POWER FOR MAINTENANCE OR REPAIR OF THE ALTERNATE SOURCE OF POWER.

If the emergency system relies on a single alternate source of power, which will be disabled for maintenance or repair, the emergency system shall include permanent switching means to connect a portable or temporary alternate source of power, which shall be available for the duration of the maintenance or repair. The permanent switching means to connect a portable or temporary alternate source of power shall comply with the following:

- (1) Connection to the portable or temporary alternate source of power shall not require modification of the permanent system wiring.
- (2) Transfer of power between the normal power source and the emergency power source shall be in accordance with 700.12.
- (3) The connection point for the portable or temporary alternate source shall be marked with the phase rotation and system bonding requirements.

NEC 700.3 (F) AMP SOLUTION



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