



Plug-N-Go™ Modular Cabinet NEMA TS1/TS2 Modular Cabinet

Description

The Econolite Plug-N-Go cabinet assembly provides simplified integration between the major components of our TS1/TS2 cabinet allowing for ease of assembly, installation, and troubleshooting. This next-generation cabinet utilizes a modular assembly and plug-in cabling to allow the replacement of all major components with virtually no rewiring. Service technicians can now perform field diagnostics by troubleshooting specific modules. The Plug-N-Go assemblies are available in both TS2 Type-1 & Type-2 and TS1 configurations.

The Plug-N-Go cabinet introduces a unique feature called the “Power Bus.” This assembly centralizes all of the cabinet power terminations using highly reliable plug-in connectors for major cabinet components. The Power Bus provides six universal power connectors along with two terminal strips to allow for future expansion.

The main power panel has been optimized to allow for the most popular types of cabinet surge protection. There is sufficient room to install up to four circuit breakers, two fuses or switches, a Ground Fault Circuit Interrupter (GFCI) outlet, and other standard power components. The TS1 version comes standard with a 12 VAC transformer for the PED isolation circuits.

The police/auxiliary panel assembly is mounted on the door in a manner that allows for removal of the complete assembly while the cabinet is in operation. Switches mounted on the auxiliary panel consist of “Equipment Power,” “Technician Flash,” and “Stop Time.” Provided in the police panel are “Police Flash” and “Signal Power.” The main panel interface cable is pre-wired to provide additional custom functions for ease of expansion.

Features

- Enhanced power distribution
- Field-replaceable modular components
- TS2 Type-1 main panel size reduced
- Increased reliability
- Reduces maintenance time
- Simplifies troubleshooting and diagnostics
- Improved safety
- Modular component design
- Interface cables with connectors simplifies point-to-point wiring
- Available with NEMA TS2 Type-1 and Type-2 terminals and facilities
- Available with NEMA TS1 16-position horizontal loadbay



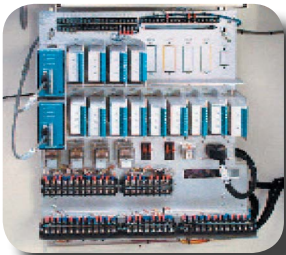
Power Bus Assembly

Modular Component Design

- The design features of the modular components allow for the standardization of cabinet wiring interconnection.

Enhanced Power Distribution

- The Power Bus assembly reduces the chance of wiring errors and problems associated with electrical connections. All cabinet equipment that requires filtered power to operate is connected to the Power Bus assembly with highly reliable Plug-N-Go connectors.



TS2 Type-1 12/16
Position Main Panel

Improved Safety

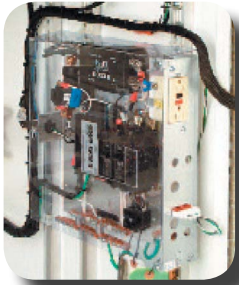
- Utilization of a 24-volt disconnect relay provides additional isolation during flash conditions.

Field Replaceable Modular Components

- The modular cabinet components are easily removed or replaced with the use of simple hand tools.

TS2 Type-1 Main Panel Size Reduced

- Reducing the size of the TS2 Type-1 main panel eliminates the need for removal of any equipment when lowering the panel.



Power Panel

Interface Cables with Connectors Simplifies Point-to-Point Wiring

- Utilizing connectors in lieu of point-to-point manual wiring provides greater flexibility for installation and wiring changes.

Increased Reliability

- Connectors utilized in all modular cabinet assemblies have been field-tested in both military and medical applications.

Reduces Maintenance Time

- Easily replaceable modular components allow the service technicians to restore the system with minimum downtime.



TS1 Horizontal
16-Position Main Panel

Simplifies Troubleshooting & Diagnostics

- Common cabinet modules provide easy isolation and eliminate the need for extensive troubleshooting and diagnostics.

Available with NEMA TS2 Type-1 and Type-2 Terminals & Facilities

- All modular cabinet components are designed to be used with both TS2 Type-1 and Type-2 main panels.
- Also available with NEMA TS1 is a 16-position horizontal loadbay.



Police Auxiliary Panel

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