

AC-PRO-MP™

DIRECT PLUG-IN REPLACEMENT TRIP UNIT MICRO-CONTROLLER BASED

*Fully Programmable
Direct Plug-In Replacement Trip Unit
for Masterpact STR Trip Units*

MASTERPACT MP**Direct Replacement Trip Unit**

The AC-PRO-MP is a plug-in, direct replacement trip unit for Merlin Gerin & Square D Masterpact MP, IEC or UL rated breakers.

The AC-PRO-MP is user programmed to replace any of the versions of STR-18M, 28D, 38S or 58U trip units.

The AC-PRO-MP has the same protective functions, settings and time-current-curves as the original STR.

Standard Trip Unit Functions

Based on the STR type entered:

- Long-Time
- Short-Time
- Instantaneous
- Residual Ground Fault
- Ground Return Ground Fault
- Instantaneous on Closing (DINF)
- Over Temperature Trip

Additional Advanced Trip Unit Functions **No Rating Plugs**

No physical rating plug is required. The required rating plug value is a programmed setting.

- QUICK-TRIP® Arc Flash Reduction**
QUICK-TRIP instantaneous & ground fault settings are standard for arc flash reduction.

A QUICK-TRIP switch is easily accessible on the face of the AC-PRO-MP.

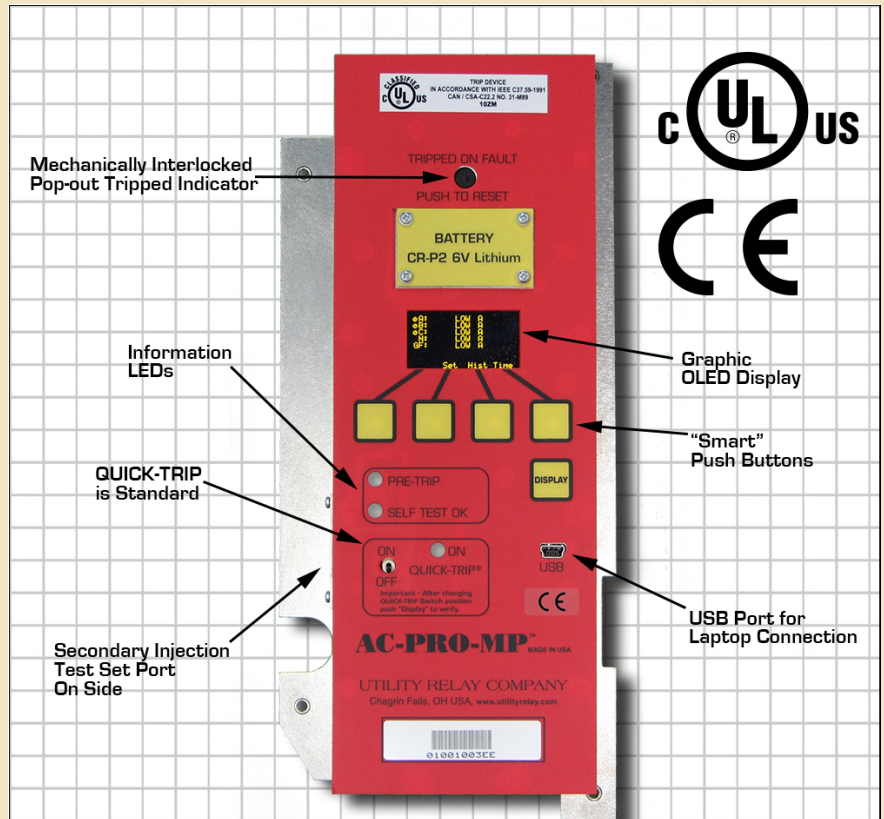
Connections for an optional remote QUICK-TRIP switch and indicating light are available.

 Security Code

A security code system protects against unauthorized changes to the settings.

Information & Alarm Functions are Standard

- 2 Load monitoring settings with output contacts.
- Pre-trip alarm contact & LED indicator.
- Breaker tripped alarm output contact is programmable by type of trip.
- Trip events are time stamped

**Display, LEDs & Push Buttons**

- The OLED display is easy to read in either low or high ambient light conditions.
- The "Smart" push buttons have actions that are configured based on the displayed information.
- A "SELF-TEST OK" LED indicates a properly operating trip unit.
- A pre-trip LED indicates a pending trip.

Connection Ports

- The test port is used for connection to a secondary injection test set that performs actual phase & ground fault tests not simulated tests.
- A USB Port allows connection of a laptop computer for information exchange.

SELF-TEST Features

The AC-PRO-MP continuously monitors:

- The actuator connection
- Proper execution of the software routines
- The micro-controller and A/D converters

Last Trip Data

- The last trip data is provided for over 8 trips and includes the type of trip, phase and ground currents and time and date of each trip.
- The trip counter provides the number of trips by trip function.

Warranty

2-year limited warranty.

Call Toll Free: 888.289.2864

For additional information visit our website:
www.utilityrelay.com

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