

AC-PRO-MP-II™

TRIP UNIT

MICRO-CONTROLLER BASED

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

NOTE: The AC-PRO-MP-II will be available for purchase in 2015.

MASTERPACT MP

Direct Replacement Trip Unit

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

The AC-PRO-MP-II is user programmed to replace any of the versions of STR-18M, 28D, 38S or 58U trip units. The AC-PRO-MP-II has the same protective functions, settings and time-current-curves as the original STR.

Standard Trip Unit Functions

Based on the STR type entered:

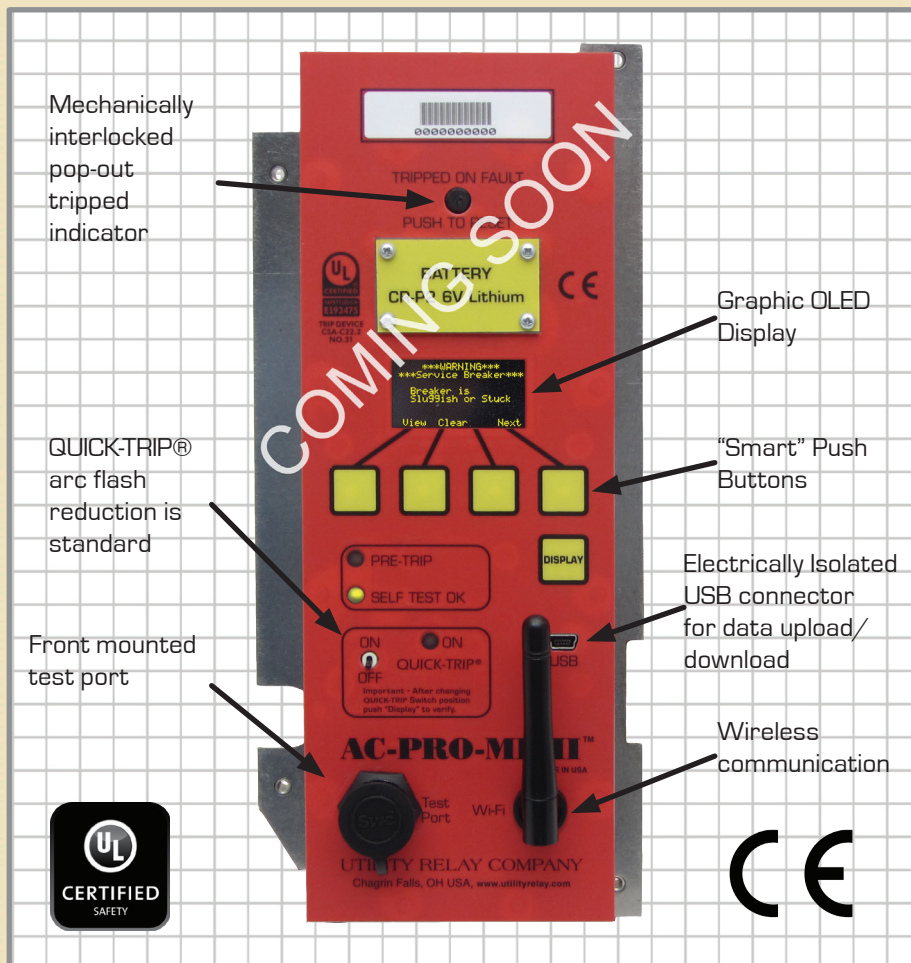
- Long-Time
- Short-Time
- Instantaneous
- Residual Ground Fault
- Ground Return Ground Fault
- Instantaneous on Closing (DINF)
- Over Temperature Trip
- Patented Sluggish Breaker Detection

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-II. 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
- Wave form capture



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.

Test Port

- The front mounted test port allows for easy connection to a secondary injection test set that performs actual phase & ground fault tests not simulated tests.
- Front mounted electrically isolated USB port for data upload/download

Communication

The AC-PRO-MP-II has wireless communication capability.

Power Monitoring

The AC-PRO-MP-II reads the 3 phase voltage to display KW, KWH and power factor.

Warranty

All AC-PRO-MP-II's come with a 2-year limited warranty.

