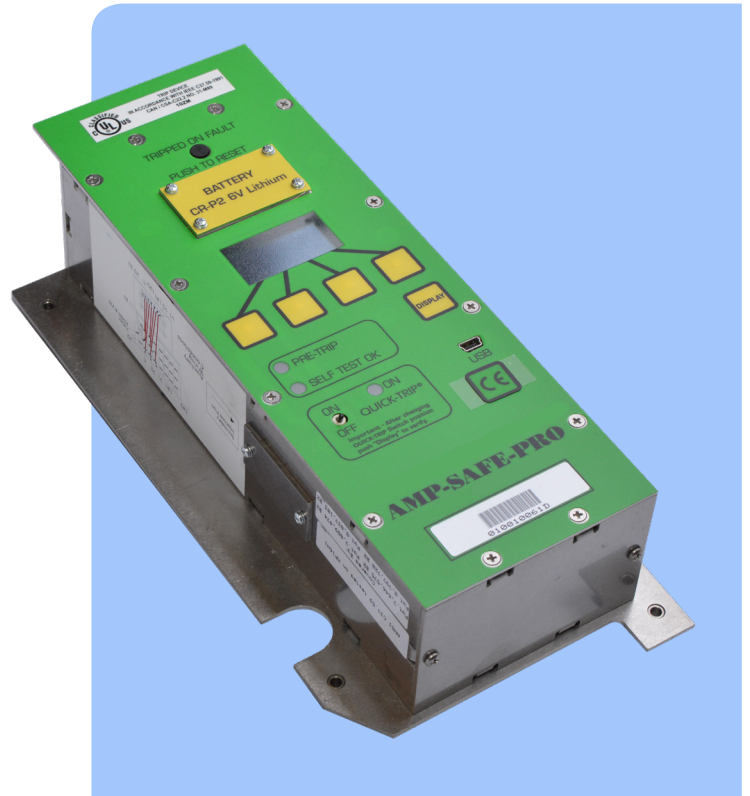


# THE ONLY UL® AND CE® LISTED REPLACEMENT FOR STR TRIP UNITS



## Avoid the cost of a new circuit breaker with a compatible trip unit.

The AMP-SAFE PRO is a direct replacement for a Merlin Gerin Masterpact-M trip unit. It extends the serviceable life of a circuit breaker without the expense or downtime associated with a full refurbishment.

Schneider Electric discontinued support for the Masterpact-M in 2014. The company promotes an entirely new circuit breaker when existing trip units fail. This is expensive, disruptive and unnecessary.

With the AMP-SAFE PRO, a circuit breaker can be restored to full working condition in less than twenty minutes.

### Compatibility

The AMP-SAFE PRO is compatible with Merlin Gerin Masterpact-M circuit breakers and Klockner Moeller IZM (XZMA) models.

### Programmability

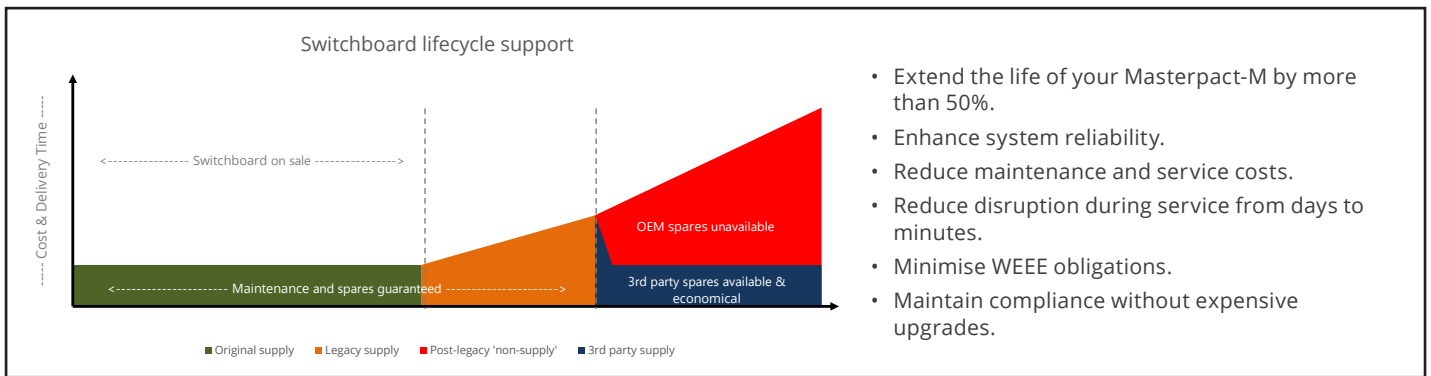
The AMP-SAFE PRO can be user-programmed to replace STR-18M, 28D, 38S or 58U trip units.

### Technical accuracy

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

Let's talk

+44 (0) 121 511 0400



# SPECIFICATIONS

## STANDARD TRIP FUNCTIONS

Based on the STR-type entered:

- Long-time / phase and neutral over-current.
- short-time.
- Instantaneous.
- Residual ground fault.
- Ground return fault.
- Instantaneous on closing (DNF).
- Over-temperature trip.

## ADDITIONAL ADVANCED TRIP FUNCTIONS

No Physical Rating Plugs: 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 AMP-SAFE-PRO™. 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.

## STANDARD INFORMATION & ALARMS

- 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 AMP-SAFE-PRO 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.