

# AC-PRO-1A

DIRECT REPLACEMENT TRIP UNIT MICRO-CONTROLLER BASED

*Fully Programmable  
Direct Replacement Trip Unit*

## Compatibility

Both the AC-PRO-1A and the AC-PRO-1/2A are True RMS trip units designed to replace a variety of older style electronic trip devices.

The new trip units will operate with the existing OEM 1 amp or 1/2 amp CT's and magnetically latched actuators from a variety of manufacturers. A new wiring harness is provided for easy installation.

### PN: AC-PRO-1A replaces:

Allis-Chalmers Limi Trip™  
Allis-Chalmers Dual Static™  
Allis-Chalmers Static-Trip II™  
Joslyn™ Opti-Trip I™  
Carriere™ FB600™

### PN: AC-PRO-1/2A replaces:

Siemens™ Static Trip III™  
Joslyn™ Opti Trip II™

## Standard Trip Unit Functions

- Long-Time
- Short-Time
- Instantaneous
- Ground Fault
- Phase Unbalanced

Unneeded functions can be defeated.

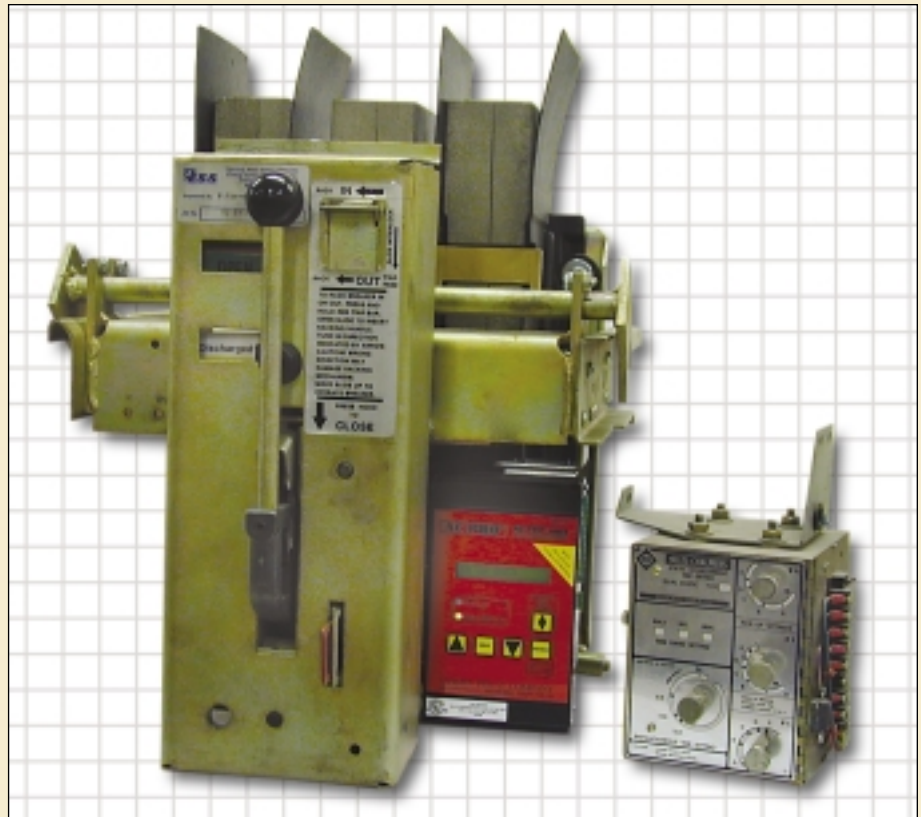
## 16-Character LCD

The large backlit display provides continuous 3-phase current metering when the relay is in service and displays Last Trip Data.

## SELF-TEST Features

The green "SELF-TEST OK" LED indicates that the trip unit is operating properly. This feature:

- Continuously monitors the trip unit.
- Verifies actuator connection.
- Monitors software routines.
- Monitors micro-controller.



## Programming

The AC-PRO-1A and AC-PRO-1/2A are easily programmed to operate on any frame size air circuit breaker with any continuous amp rating.

Settings are programmed using the ▲, ▼ and SAVE buttons on the front of the trip unit. All settings and Last Trip Data are stored in non-volatile memory.

Security is provided by a Security Key, which prohibits unauthorized tampering with the settings.

## Last Trip Data

Last Trip Data, including a trip counter and the individual phase currents at the time of trip, can be reviewed at any time by pressing the REVIEW key.

## Remote Display Option

The trip unit is compatible with URC's PRO-DISPLAY. This externally mounted display provides the same 16-Character readout and LED indicators found on the trip unit, allowing plant personnel to view the status of a breaker without opening the cubicle door.

## Warranty

2-year limited warranty.

**Call Toll Free: 888.289.2864**

For additional information visit our website: [www.utilityrelay.com](http://www.utilityrelay.com)

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