

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.

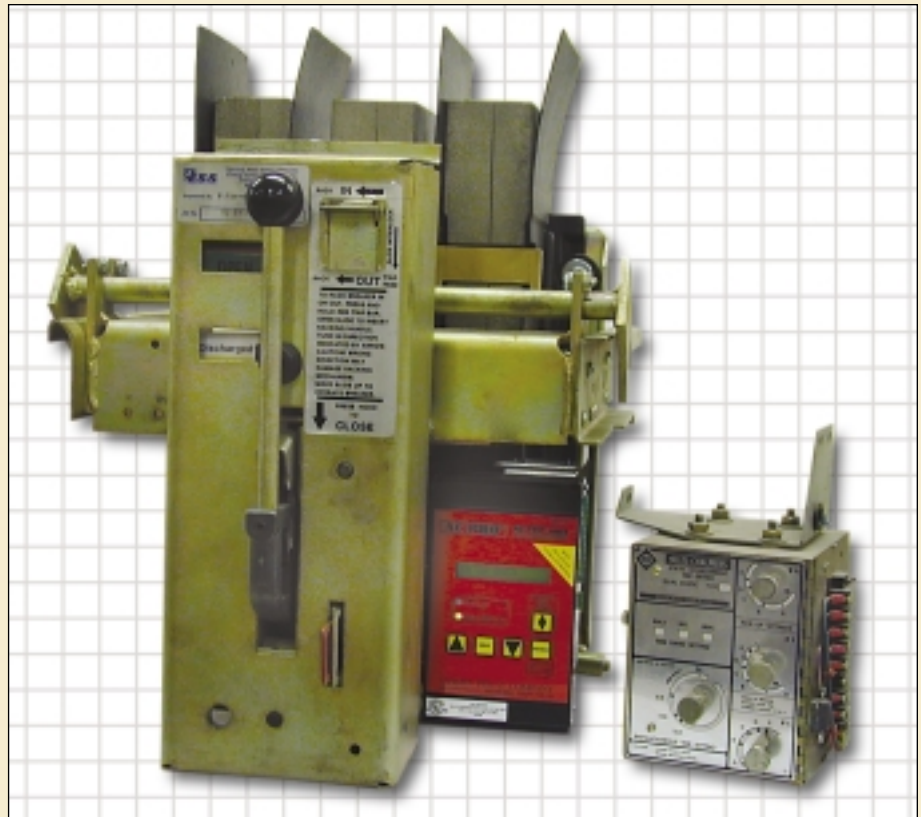
16-Character LCD

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

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