

**AC-PRO-ECS/SST**

DIRECT REPLACEMENT TRIP UNIT MICRO-CONTROLLER BASED

Fully Programmable  
Replacement Trip Unit for  
G.E. Type-ECS™ and Type-SST™

**Compatibility**

The AC-PRO-ECS/SST is a True RMS trip unit designed to directly replace obsolete trip devices originally supplied on older style GE™ AKR-4x and AKR-5x air circuit breakers.

These trip devices include:

- Type-ECS™
- Type-SST™

The AC-PRO-ECS/SST mounts directly in place of the OEM trip device and mates with the existing breaker's wiring harness. Since the existing CTs and actuator remain in place, installation only takes about 15 minutes.

**Standard Trip Unit Functions**

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

Unneeded functions can be defeated.

**16-Character LCD**

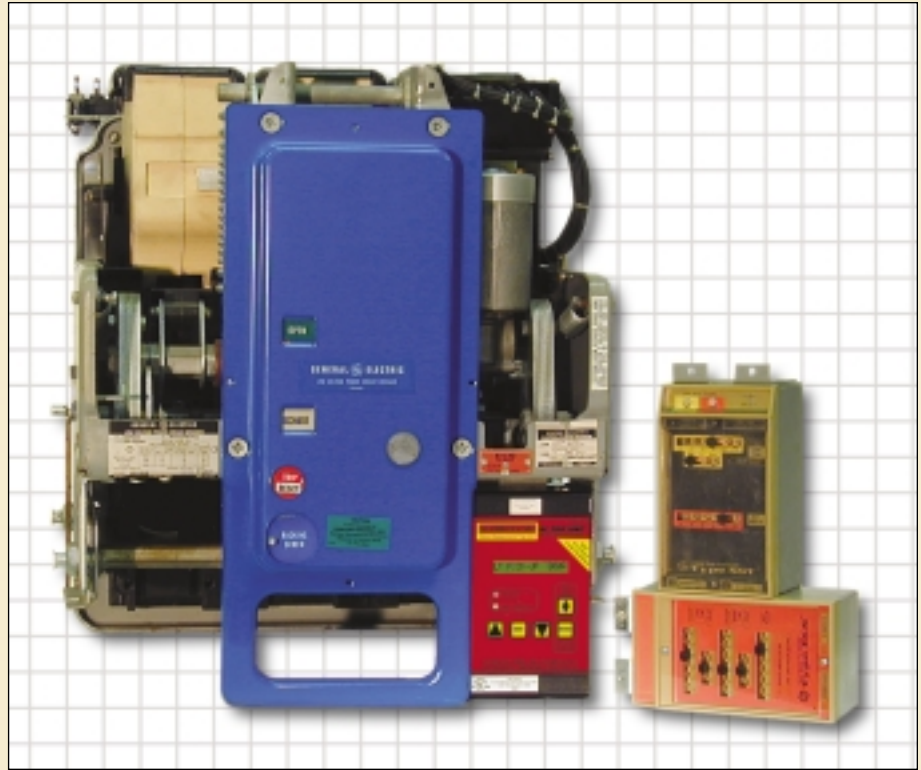
The large backlit display provides continuous 3-phase current metering when the relay is in service.

**PICK-UP and SELF-TEST LEDs**

The Red LED on the front of the trip unit illuminates when current reaches or exceeds the Long-time pick-up value.

The Green LED indicates that the trip unit is operating properly. This feature:

- Continuously monitors the trip unit.
- Verifies that the actuator is connected.
- Monitors software routines.
- Monitors micro-controller.

**Programming**

The AC-PRO-ECS/SST is easily programmed in the field to operate on any frame size AKR-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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