

1-3 PRODUCT OVERVIEW

The OPTIMizer Hand Held Programmer is required for all OPTIM Trip Unit Systems. It plugs into the front of OPTIM 550, 750 or 1050 Trip Units and is powered by a standard nine volt battery (Figure 1-1) or auxiliary power module. The OPTIMizer accesses, displays, and configures information from OPTIM Trip Units. The OPTIMizer Hand Held Programmer provides a broad range of programming possibilities available with the OPTIM Trip Unit System and the range of compatible circuit breakers.

1-4 FEATURES AND FUNCTIONS

An OPTIMizer must be used to configure the trip unit for communications on the INCOM Network. This requires an operator, during initial start-up, to:

- **Assign Unique Device Addresses**
- **Select Baud Rates**

In addition, the OPTIMizer can be used to:

- **Configure OPTIM Trip Unit**
 - Select frequency (50/60 Hz)
 - Set security passwords
 - Change time-current setpoints
 - Select protection options
 - Select High Load Alarm level
- **Display Information**
 - Breaker description
 - Time-current setpoints
 - Metered values
 - Trip event information
- **Test OPTIM Trip Unit Performance**
 - Phase and ground
 - Trip or no trip
- **Communicate over INCOM**
- **Copy Trip Unit Settings**
 - To download to any OPTIM breaker of any type



Figure 1-1 Hand Held Programmer in Use with Series C R-Frame Circuit Breaker