

Trip Unit Toolkit



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EntelliGuard
TU

Trip Unit Toolkit is a PC based software package designed to view, set and test the trip units present in the GE range of EntelliGuard, PremEon and MET trip units.

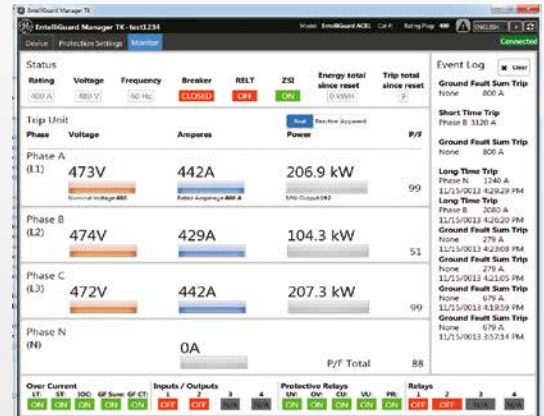
The Toolkit provides our customers with a free way to increase their productivity when interacting with these trip unit platforms while decreasing the time in front of live equipment.

PremEon



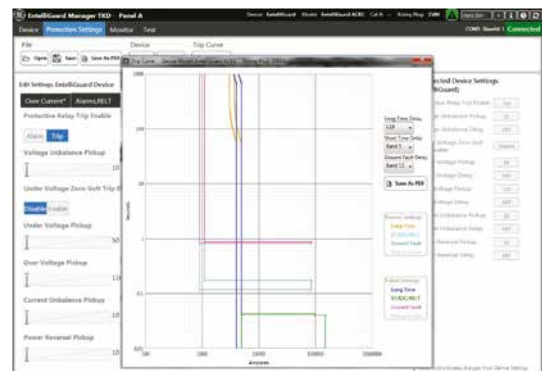
View

Multiple circuit parameters such as current, voltage, power, energy and trip events can be viewed using the comfort of a standard personal computer. When connected, the values are read from the trip units memory using the serial⁽¹⁾ port located on its front facia.



Set

Has the ability to read the settings stored in the Trip Unit memory. Data such as current values and timings for short-circuit, overload or groundfault protection can be accessed. These values can also be modified and written back into the trip units memory. If present in the chosen trip unit variant, other settings such as the protection relays, alarms, relay inputs/outputs, RELT and ZSI can also be read and written in the same manner. An extremely useful "off-line" data-file can be created. This feature allows the user to complete all trip unit configurations at their desk to upload them later in the field. Additionally, users have access to a dynamic graphical representation of the trip curve that can be viewed, saved, or printed on demand.



(1) PremEon has a micro USB port.



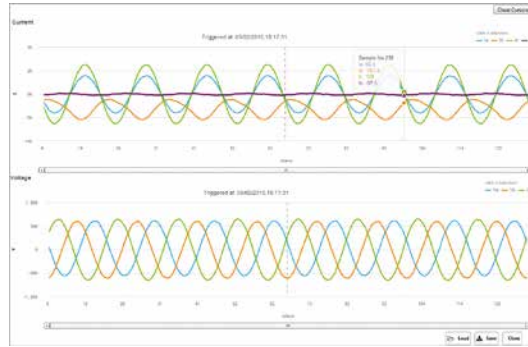
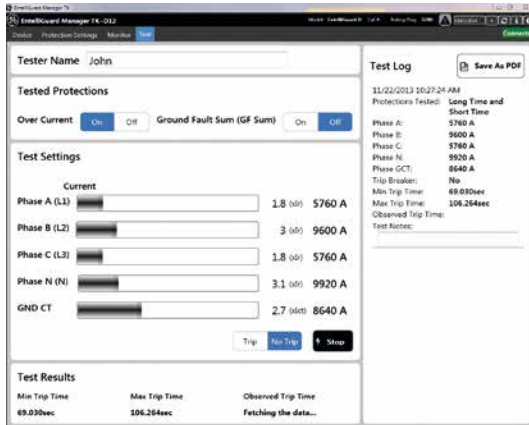
Test

Allows testing of the trip unit at user specified levels of the main protection features as overload, short-circuit and groundfault.

The data of the resulting breaker trip⁽²⁾ can be verified versus preset values.

Other protection functions as RELT, and ZSI can also be tested in correlation with the most recent firmware version (version 26 or later).

(2) A "Test" that does not trip the breaker is also possible.



Hardware

The trip unit requires an external power source in order for the toolkit to operate optimally. On the PremEon S trip unit the power supply of the connected laptop suffices.

On the EntelliGuard trip units a standard GTUTK20 (407999) test kit is required to integrate the laptop with the EntelliGuard trip unit. This test kit utilizes a serial interface to communicate and provides the external power source.

For computers without a serial communication port a USB to RS232 adaptor is required (cable).

This software suite has been designed to run with Windows 7 or 8 operating system.

Download Trip Unit Toolkit

Available as free of charge download on:
ex.geindustrial.com



GE Industrial Solutions is a first class global supplier of low and medium voltage products including wiring devices, residential and industrial electrical distribution components, automation products, enclosures and switchboards. Demand for the company's products comes from wholesalers, installers, panelboard builders, contractors, OEMs and utilities worldwide.

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