MTL Data surge tester

- **Lightweight portable design**
- **Rugged carrying case**
- **Easy-to-read LED indicators**
- **Simple pass / fail operation**
- **Selectable test voltages**
- **Continuity and leakage current tests**
- **Operates with 90V – 264V AC**
- **Slot for testing MTL SD Modular plug modules**
- **5 year product warranty**

Description

The MTL data surge tester, part of Eaton's Crouse-Hinds series portfolio, is a versatile and compact, bench-top test device designed to give performance status of data communication surge protectors.

This portable, rugged tester analyses the surge protector's input to output performance both in continuity and leakage current, making such tests quick and easy during routine maintenance. LED's illuminate to indicate surge module health allowing users to quickly determine whether the surge protection device has failed or degraded in performance to an unacceptable level.

This simple to operate surge tester gives a "go" or "no go" (pass or fail) status and is designed to test data communication surge protectors that have a voltage rating of 7V, 16V, 32V and 55V. The continuity function of the tester can be used to analyse the performance of this function for any voltage rated data surge protector and also features a custom receptacle for the testing of our MTL SD Modular surge protection modules. These tests validate the integrity of the surge protection system, thus ensuring safety and a continuous high-level of protection.

Operation

Leakage test – Select the voltage that is equal to or less than the data surge protector rating. If using the test probes, plug the red probe into the red receptacle and the black probe into the green receptacle. If testing the MTL SD Modular module, plug the module into the test receptacle oriented as indicated on the label. Press the "breakdown test" button. If the red LED illuminates, the product has failed the test. If the red LED does not illuminate, the product has passed the test.

Continuity test – Move rotary switch to "continuity" test position. If using the test probes, plug the red probe into the red receptacle and the black probe into the black receptacle. If testing the MTL SD Modular module, plug the module into the test receptacle oriented as indicated on the label. Press the "continuity" test button. Continuity is good if both green LEDs are illuminated when testing an MTL SD Modular module. When using the probes for checking continuity only LED1 will illuminate when continuity is good.

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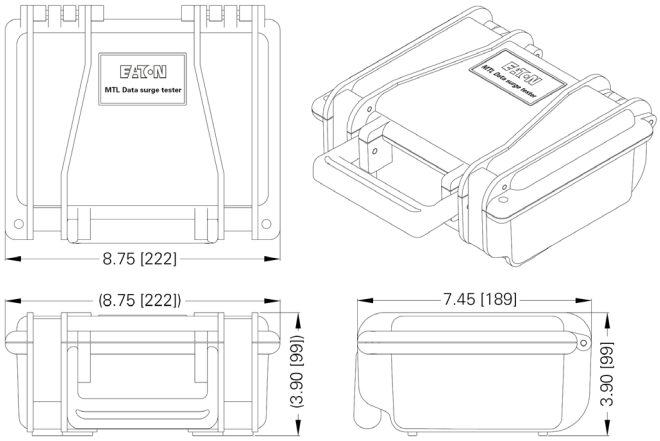
SPECIFICATION

Dimensions (L x W x D)	8.75" x 7.45" x 3.90" (222 x 189 x 99 mm)
Weight	2.4 lbs (1.1 kg)
Case Material	PP
Color	Safety Yellow
Indicators	Green & Red LEDs
Power Requirement	90Vac – 264Vac
Test Voltages (DC)	7V, 16V, 32V, 55V (72V Continuity)
Maximum Test Current	3.5 mA
Operation Temperature	10°C – 40°C
Storage Temperature	0°C – 50°C

DIMENSIONS



ORDERING INFORMATION

MLDT28500	MTL data surge tester

NOTE
The MTL data surge tester has an IEC C13 (male) type 3 pin socket for connecting ac power. Users will require a power cord fitted with an IEC C13 (female) type 3-pin receptacle and country specific mains plug.

* Test Probes (Red & Black) are part of the testing kit.

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