MEASURE WITH PRECISION
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SEW

Circuit Breaker Identifier

188 FFF

The 188FFF doesn't have the function of the sensitivity adjustment. If the customers need the sensitivity adjustment function, plase refer to other models.
The 188FFF is a Fuse and Fault Finder which is comprised of two parts: The Transmitter and the Receiver. The Transmitter, draws a current from the mains supply circuit to which it is connected, and therefore, requires no batteries. The Transmitter generates a signal current whose frequency is approximately 10kHz. The 10kHz signal current is then searched (sniffed) by the Receiver to detect the fuse, circuit breaker or faulty circuit.
The Receiver is a tuned circuit which has its center frequency tuned to about 10kHz. The sensor is located in the tip of the Receiver. The amplitude of the received signal is shown on an LED bar-graph.
The more LEDs illuminated, the stronger the signal is.

SPECIFICATIONS

Receiver

Tuner circuit mid frequency	10kHz
Bar-graph LEDs	9
Battery indicator led	1
On button	1
Off button	1
Buzzer	1
Auto power off	Approx. 2 minutes
Material	Polycarbonate / ABS
Dimensions	200(L) × 50(W) × 40(D)mm
Weight (battery included)	Approx. 112g
Power source	9V(6F22) × 1
Safety standard	EN 61010-1 EN 61326-1

FINDING A CIRCUIT BREAKER

Use the tip of the Sniffer to scan the circuit breakers. Please note that the Sniffer is designed to be held vertically for vertical circuit breakers and horizontally for horizontal circuit breakers.

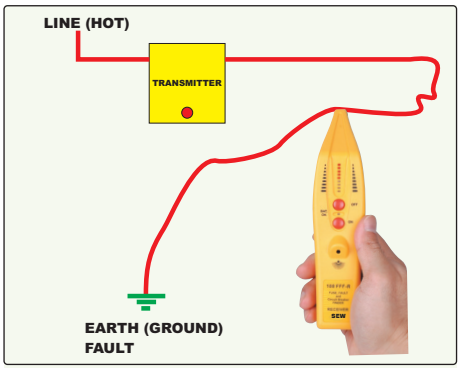
ENSURE ALL CIRCUIT BREAKERS ARE ON

The breakers can be scanned in any order. However, it is recommended that they be scanned systematically (for example, starting at the top left and working downwards). While scanning, observe the bar-graph and listen to the buzzer.

The circuit breaker that supplies the Transmitter circuitry is the one, that illuminates the greatest number of LEDs on the bar-graph and has the fastest buzz.

FINDING AN EARTH FAULT

To find an Earth fault, or trace a faulty wire, the Transmitter
must be connected in series with the fault. For example, if there is a short between Line and Earth, but the location
of the short is unknown, connect the Transmitter, using an adaptor, in series, in the Line. If the protection device trips,
then bypass the protection device for the duration of this test. Use the optional leads for this purpose.



Transmitter

Working voltage	110 to 240 Vac (50/60Hz)
Frequency of sourced signal	10kHz
Dimensions	60(L) × 50(W) × 30(D)mm
Weight	Approx. 134g
Connection	Specify type of plug