

PRODUCT: Surge Sense—Voltage Surge Verification Check Jig

TEST STANDARD: EN 61000-4-5: 2014 + A1:2017

The Surge Sense has been developed with EMC and manufacturers test laboratories in mind to enable a “go / no-go” verification of the surge generator output prior to test. The Surge Sense produces an arbitrary pulse length measurement that is dependent upon the surge energy - amplitude and duration. If either of these parameters changes then the pulse length measurement changes. This gives a very quick repeatable check prior to testing and enables simple trend analysis data to be captured.

Surge Sense



Technical Data:

Overall Dimensions

- Height 150 mm
- Width 90 mm
- Length 65 mm

Power

- 9V Alkaline PP3, approximately 150 - 200 check cycles, battery low and battery replace warning.

Input

- Up to 4 kV pulse (1.2 μ s // 50 μ s)
- Up to 250V 50/60Hz continuous (Surge Sense should be used with no EUT supply present)

Pulse Reading

- 200-2000 depending on input pulse energy

Connections

- Shrouded 4 mm Banana Plug sockets

Warranty

- 1 year

The Surge Sense comes in a waterproof hard carry case for protection, complete with shrouded connection leads for connection to the surge generator.