

## SurgeSense 61000-4-5 Verification Jig



The Surge Sense has been developed with EMC 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.

Overall Dimensions	<ul style="list-style-type: none"> <li>• Height 150 mm</li> <li>• Width 90 mm</li> <li>• Length 65 mm</li> </ul>
Power	<ul style="list-style-type: none"> <li>• 9V Alkaline PP3, approximately 150 - 200 check cycles, battery low and battery replace warnings</li> </ul>
Input Voltage	<ul style="list-style-type: none"> <li>• Upto 4 kV pulse (1.2 <math>\mu</math>s // 50 <math>\mu</math>s)</li> <li>• 250V 50/60Hz continuous (SurgeSense should be used with no EUT supply present)</li> </ul>
Pulse Reading	<ul style="list-style-type: none"> <li>• 100-2000 depending on input pulse energy</li> </ul>
Connections	<ul style="list-style-type: none"> <li>• Shrouded 4 mm Banana Plug sockets</li> </ul>
Warranty	<ul style="list-style-type: none"> <li>• One year, return to manufacturer</li> </ul>