



ZEONICS SYSTECH
DEFENCE & AEROSPACE ENGINEERS (P) LTD.



Special Purpose High Voltage Dividers



At Zeonics we manufacture special purpose Dividers which are used for High Voltage AC, DC, impulse and for lighting of LED panels from High Voltage Supplies and High Voltage Divider Columns as well as probes which are used for feedback in equipment.

Proudly Made in INDIA





High Voltage AC/DC Divider

1. Working Voltage : 400kV AC
2. Capacitance : 1000pF \pm 5%
3. Test Voltage : 600kV
4. Type No : Z/41/138



Divider for LED Lighting System High Voltage Panel

1. HT Voltage : 3.3kV/6.6kV/11kV/22kV
2. Coupling : Capacitive Coupled HT & LT System
3. Application : Can Directly light up LEDs and bulbs from HT Panels for Panel Builders
4. Type No : Z/39/89



High Voltage Divider Column

1. Value : Capacitive 500pF/1000pF/2000pF
2. Working Voltage : 250kV, 500kV,1000kV
3. Type No : ZHS/01/001



High Voltage D.C. Probes Measurement & Feedback

1. Input voltage : 0 to 60kV DC 0 to 100kV DC
2. Output : 0 to 60 volts 0 to 100 volts
3. Ratio : Typically 1000:1
4. Execution : Moulded Assembly
5. Termination : HVC-60 HVC-100 Connector Blocks
6. Meter : A 3½ digit or 4½ digit meter is provided.
7. Aux Power : 230 volts 50Hz 1Ø



High Voltage AC rms Divider

1. Input voltage : 230 volts, 50Hz, single phase
2. Measuring facility : 100kV AC rms, 50Hz & 200kV rms, 50Hz
3. Accuracy : $\pm 2\%$ of working voltage
4. Application : To measure high voltage rms AC
5. Type : ZHS/01/32

Applications

Wherever High voltage testing is conducted using AC, this probe is required for measurement. It is very important and imperative that measurement systems are installed in any High Voltage Laboratory, to view any sort of result.

Advantages

We manufacture most of these systems totally in-house and depending upon the divider requirements, whether AC, DC or impulse, the Divider can be fabricated and calibrated. If calibration from third-party sources is required, the same can be done at the customer's end, or we can do it at an extra cost. We also manufacture measurement and DC Probes which can give the feedback for equipment so that machinery (like RADARs, supplies, etc) can get feedback. These are normally moulded and hence environmentally they are very well qualified for rugged military use also.

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