



HVD50E SERIES

PRECISION HIGH VOLTAGE DIVIDER
50 kV DC | HIGH INPUT IMPEDANCE

HIGH VOLTAGE SOLUTIONS

HVD50E | 01

PRECISION MEASUREMENT

The HVD50E is a compact precision divider for measuring DC voltages up to 50 kV DC. It combines high input impedance with a compact enclosed format for laboratory and system-level measurement applications.

Designed for use with high-impedance digital, differential, or data-acquisition instrumentation.



50 kV DC

MAXIMUM INPUT

1000 MOhms

INPUT IMPEDANCE

10 kOhms

OUTPUT IMPEDANCE

25 ppm/°C

S VERSION

SPECIFICATIONS

Rated input voltage	50 kV DC
Input impedance	1000 MOhms
Output impedance	10 kOhms
Temperature coefficient	75 ppm/°C
S version	HVD50ES; 25 ppm/°C temperature coefficient
Overall height	3.13 in
Maximum width	6.36 x 5.2 in

ORDERING GUIDE

STANDARD

HVD50E

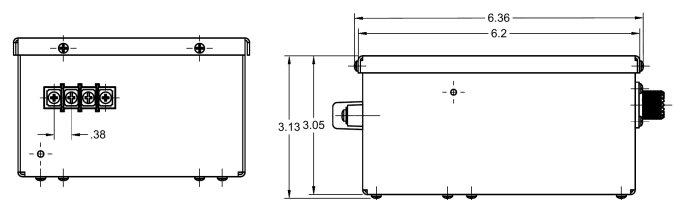
75 ppm/°C

S VERSION

HVD50ES

25 ppm/°C

MECHANICAL DRAWING



HIGH VOLTAGE SOLUTIONS

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