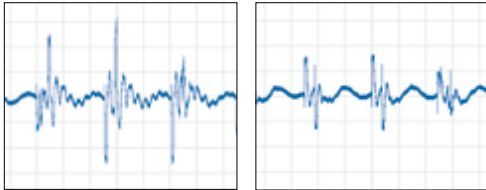


The best-in-class dV/dt filter for motor protection.

The **only** proven filter that provides common mode reduction, peak voltage protection, and rise time reduction – all in one unit.



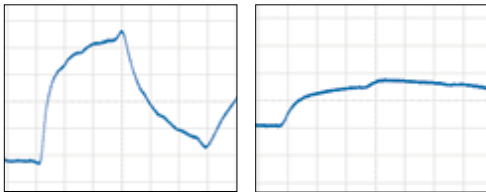
Common Mode Reduction:



Without dV Sentry

With dV Sentry

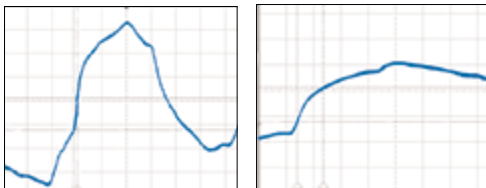
Peak Rise Protection:



Without dV Sentry

With dV Sentry

Rise Time Reduction:



Without dV Sentry

With dV Sentry

3-in-1 Protection

- **Patented core design** delivers the most advanced technology for the market
- **PROVEN 50% + common mode voltage** reduction
- **Rise time reduction** lowers motor heating, and meets NEMA MG 1-1998 Section 31 motor standards
- **Peak voltage protection** when voltage spikes reach dangerous levels

Problems protected by dV Sentry:

- Damage to motor bearings
- Unexpected ground fault trips
- Erratic behavior of VFDs and PLCs
- Premature motor insulation failure
- Cable damage

Selling the Value:

Key Benefits for Integrators

- **Small, Compact** – Fits in small areas
- **Robust Design** – Flat core design and panel ensure protection
- **Easy Installation** – Short installation time
- **Industry-leading Watts (Heat) Loss** – Keeps surrounding equipment safe

Key Benefits End-Users

- **Proven 3-in-1 protection** – keeps systems running longer
- **Runs Quieter** – Comparable to a normal conversation
- **Three-Year Warranty** – Giving peace of mind

The Unique Triple Defense Core

The patented design of the dV Sentry and its Triple Defense Core are like nothing you've seen before.

- **Common mode reduction:** Power filters through outer core and reduces common mode voltage over 50%
- **Peak voltage protection and Rise time reduction:** Power filters through inner core and reduces rise time and gives peak voltage protection

The dV Sentry Product Line:

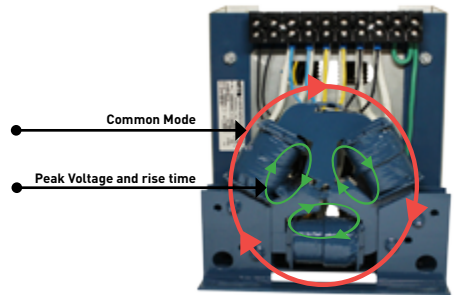
Configurations:

Voltages: 380V to 600V, 50/60Hz

Currents: 3A to 600A

Enclosures: NEMA 1/2 and NEMA 3R

- **Panel design** Up to 110A. Resistors located under steel for protection
- **Modular design** 130A and above. Resistor assembly comes with the purchase of dV Sentry
- **Low profile flat core** minimizes risk of damage
- Resistors located under assembled panel to **protect against damage**
- **Back Panel Mountable** with four easily accessible mounting holes



Panel Design

MTE
AN SL INDUSTRIES COMPANY

Power quality.
Solved.

MTE Corporation

N83 W13330 Leon Road
Menomonee Falls, WI 53051
(800) 455-4MTE
(262) 253-8200

Form DVS-QSG-E-0914