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**NEW** Demonstrating Best-in-Class IL7xx Isolator Specifications


Best-in-class features of NVE's award-winning IL700-Series Isolators include:


- Best-in-class 100 kV/μs CMTI
- Best-in-class 6 kVrms isolation\*
- Best-in-class 44000-year barrier life
- MSOP8 (world's smallest isolators), SOIC8, QSOP16, or SOIC16


\*V-Series versions

New [live video demonstrations](#), starring High-Voltage Test Engineer Steve Schablitsky, highlight the CMTI and isolation voltage advantages.

**New on YouTube**

 [Testing V-Series Isolators for Best-in-Class 6 kV RMS Isolation](#)

 [Testing IL7xx Isolators for Best-in-Class CMTI](#)

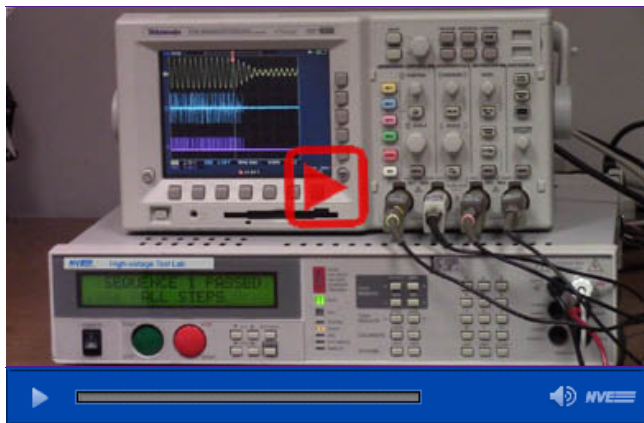
 [Isolators for On-Board Battery Charging](#)

 [High-Resolution Magnetometer ADCs](#)

**Best-in-Class Isolation Voltage**

We demonstrate the best-in-class 6 kVrms isolation voltage of NVE V-Series isolators, and show how they are tested to the most rigorous standards.

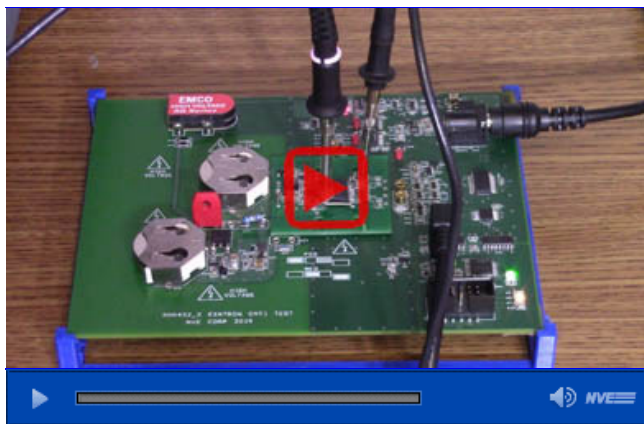
VDE 0884 Method B1 is used, which is how 100% of the parts are tested, and IEC 60747-17, the newest and most stringent standard, which prohibits any pauses or ramps between test phases:



**Best-in-Class CMTI**

High CMTI means the isolators can support the speed without spurious switching, which is especially important in high-voltage, high-efficiency power conversion.

Here we show the test method for dynamic CMTI testing and IL700 isolators' remarkable 100 kV/μs minimum CMTI specification:



**Buy Online**  
\$9.95 shipping

**No Holiday at NVE**

NVE is **open** on President's Day, Monday, February 15.