



FOR IMMEDIATE RELEASE

Pickering Interfaces Expands Range of 2A PXI Fault Insertion Switching

Designed to Simulate Fault Conditions in Automotive and Avionics Test Applications

April 23, 2018 – Clacton-on-Sea, UK – Pickering Interfaces, a leading provider of modular signal switching and simulation for electronic test and verification, has expanded their range of PXI Fault Insertion Switching.

These new PXI Fault Insertion Switches (model 40-202), available with 22 or 11 fault insertion channels, were primarily designed to simulate fault conditions in automotive and avionics test applications involving the reliability testing of safety-critical controllers. They are specifically designed for differential signaling requirements, with capabilities to insert three different types of fault condition between the test fixture and the equipment under test; open-circuit, short-circuit between signal pairs and short-circuit to user applied fault conditions such as power or ground.

These new models complement Pickering's large range of PXI Fault Insertion Switches, which are typically used in Hardware-in-the-Loop Simulation applications for Electronic Control Unit validation.

Relays in-line with the signal paths allow open circuit conditions to be simulated on either side or both sides of a signal pair. Relays between each channel pair enable adjacent signals to be shorted, and relays between signal paths and the "Fault" connection allow the application of external fault conditions.

The switching topology of the 40-202 fault insertion switches allows switching channels to be interconnected so that complex fault insertion channels can be constructed.

These products are supported by Pickering's eBIRST Switching System Test Tools, which provide a quick and easy way of finding relay failures within the modules. In addition, Pickering's signal routing software, Switch Path Manager, may be used to simplify signal routing through complex switching systems.

Pickering Interfaces stands behind all of their manufactured products with a **standard three-year warranty and guaranteed long-term product support**. Pricing and availability information is supplied on their website at www.pickeringtest.com.

About Pickering Interfaces

Pickering Interfaces designs and manufactures modular signal switching and simulation for use in electronic test and verification. We offer the largest range of switching and simulation products in the industry for PXI, LXI, and PCI applications. To support these products, we also provide cable and connector solutions, diagnostic test tools, along with our application software and software drivers created by our in-house software team.



Pickering's products are specified in test systems installed throughout the world and have a reputation for providing excellent reliability and value. Pickering Interfaces operates globally with direct operations in the US, UK, Germany, Sweden, France, Czech Republic and China, together with additional representation in countries throughout the Americas, Europe and Asia. We currently serve all electronics industries including, automotive, aerospace & defense, energy, industrial, communications, medical and semiconductor. For more information on signal switching and simulation products or sales contacts please visit www.pickeringtest.com.

Press Contact:
Kimberly Otte
+1 978-455-0376
kim.otte@pickeringtest.com