

# PXI-2527 64-Channel 300V CAT I Multiplexer



Connect multiple inputs to a single output, or multiple outputs to a single input, to simplify wiring in automated test systems. National Instruments Multiplexer Switch are designed for medium- to high-density automated test systems. Each channel, using robust electromechanical relays, is capable of scanning up to 140 channels/s. A cold-junction assist in thermocouple scanning applications. NI 2527 switches are able to maximize throughput in automated test applications with the use of scanning. Scanning improves throughput by downloading a list of up to 32,000 connections to the switches and cycling through the list using an event (trigger) without any interruption from the host processor.

## Features

- » PXI-2527 / PXIe-2527 32-Channel (2-Wire), 300 V
- » capacity of up to 300 VDC/300 VAC and up to 2 A
- » NI 2527 acts as an effective front end for NI 4070 and NI 4072 digital multimeters (DMMs),
- » multiple-channel configurations including 64x1 one-wire, 32x1 two-wire, and 16x1 four-wire.
- » compensation (CJC) sensor is also included