

# TB-2705 PXI™ TERMINAL BLOCK FOR E SERIES AND WAVEFORM GENERATION DEVICES

This installation guide describes how to install and connect signals to the TB-2705 terminal block for use with PXI E Series and waveform generation devices.

## Introduction

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The TB-2705 is a terminal block assembly consisting of a printed circuit board, 62 screw terminals, and a plastic enclosure with a strain relief. The terminal block assembly connects directly to the front panel of National Instruments E Series and waveform generation devices, eliminating the need for an external cable.

The TB-2705 allows you to easily connect analog input, analog output, counter-timer, and digital I/O signals to your National Instruments device. The 62 screw terminals allow access to every pin on the device with the exception of some digital ground signals that are common to one another. The TB-2705 also has a shielded strain-relief to secure your I/O wires and provide an adequate chassis-ground connection.

## What You Need to Get Started

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You need the following to set up and use your terminal block:

- TB-2705 Terminal Block Assembly
- TB-2705 PXI Terminal Block for E Series and Waveform Generation Devices Installation Guide*
- One of the following:
  - PXI E Series device
  - waveform generation device with a 68-pin I/O connector

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