2559-TC
8 Channel Thermocouple Input Module

Description

The 2559-TC is a high-speed 8-point thermocouple input module designed to translate millivolt level signals from the thermocouple element into a scaled temperature value in a CTI 2500 Series or Simatic® 505 I/O base.

Features

- CTI 2500 Series or Simatic® 505 base format
- Replaces Siemens® 505-7028 but does require rewiring using CTI’s 2559-FPC connector
- 1500V channel-to-PLC backplane isolation
- Fast 9 mSec update time all channels
- Microprocessor self-diagnostics
- Supports J, K, T, E, R, S, & N thermocouples and millivolt inputs
- No CJC calibration needed

Note: This module requires a special custom Wiring Connector. Model #2559-FPC.
2559-TC
8 Channel Thermocouple Input Module

Thermocouple Input Wiring Diagram

2 wire thermocouple

Millivolt Input Wiring Diagram

-55mV to +55mV

Note: The connector is sold separately. The 2559-FPC is the only connector that will work with the 2559-TC Module.