

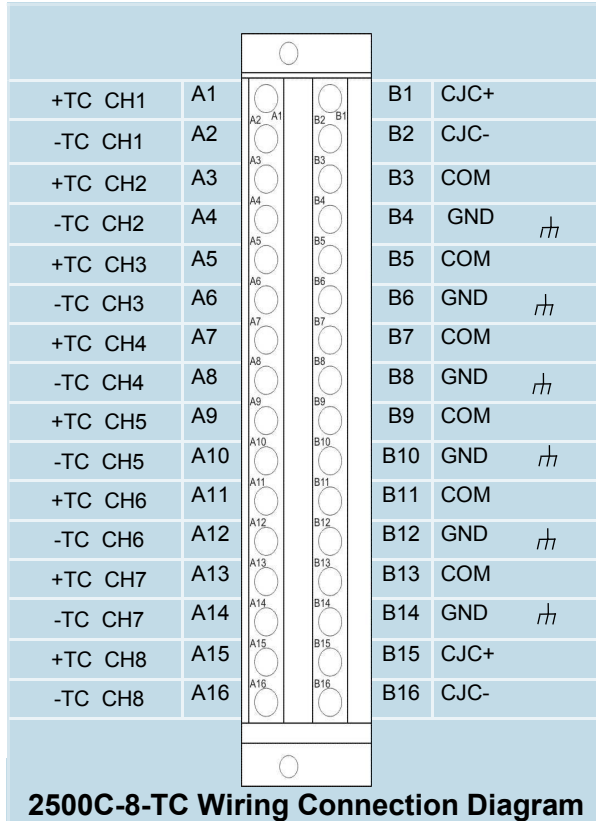




# 2500 Series™ Compact System

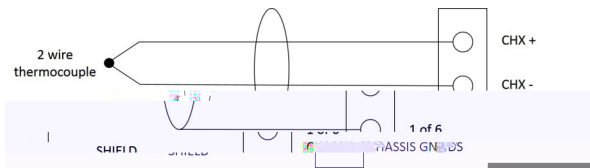


## 2500C-8-TC Thermocouple Input Module

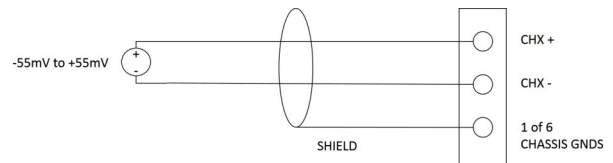


**Note:**  
The 2500C-8-TC Thermocouple Input Module uses CTI Wiring Connector 2500C-32F-CJC. This is a special version of the connector, that has built in CJC compensation. Please see the wiring connector specification table below. This connector is ordered separately from the module.

2500C-32F-CJC Specifications	
Connector Style	Removable
Number of Wiring Connections	32 point
Wire Gauge	14 to 22AWG
Screw Torque Value	5.22 lb-in
Current Rating	6A @ 300VAC
Insulation Stripping Length	0.24" 6mm
Approximate Weight	1.0 oz. 28.35 grams
Connector Material	
Body:	Polycarbonate UL 94V0
Screw :	M3 Zinc plated Steel
Cage Clamp	Nickel Plated Brass
Socket Contact Spring:	Tin Plated Bronze
Retaining Screw:	M3 Zinc Plated Steel



Typical Internal Circuit—TC Mode



Typical Internal Circuit—mV Mode

7 Segment LED Code Description	
0	Normal Operation
A	Internal RAM Fail
b	Flash Failure
C	Internal MOVx RAM Failure
d	Shared RAM Failure



### Control Technology Inc.

5734 Middlebrook Pike, Knoxville, TN 37921-5914  
Phone: +1.865.584.0440 Fax: +1.865.584.5720  
www.controltechnology.com

