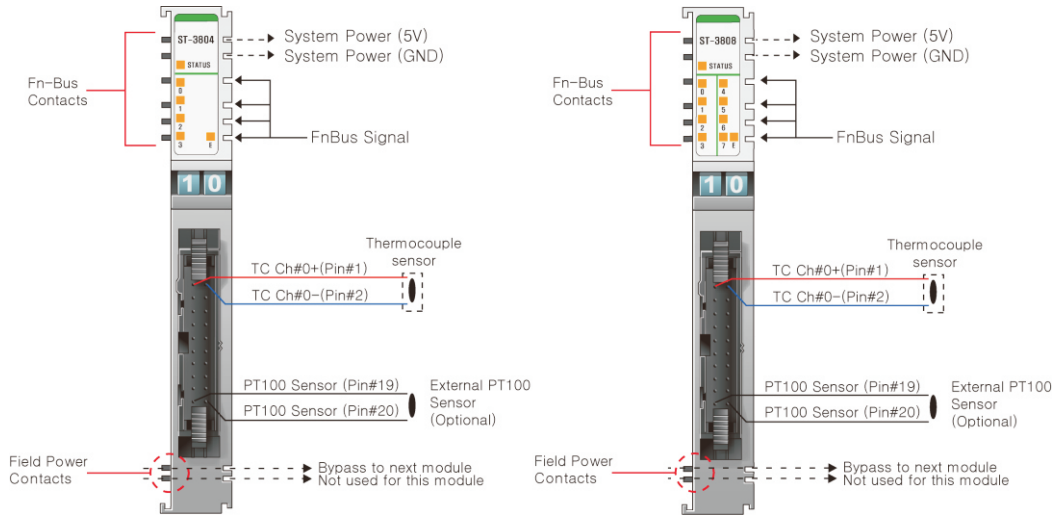


ST-3804, ST-3808

TC, 4 Channels (ST-3804)
TC, 8 Channels (ST-3808)



Item	ST-3804	ST-3808																																																																																																								
Input Specification																																																																																																										
Number of Inputs	4 Channels	8 Channels																																																																																																								
Indicators	1 Green/Red LED, Module Status 4 Green LED, Input State 1 Green LED,E, Cold Junction	1 Green/Red LED, Module Status 8 Green LED, Input State 1 Green LED,E, Cold Junction																																																																																																								
Sensor Types	Thermocouple Input - Type K/J/T/B/R/S/E/N/L/U/C/D mV Input - 10uV/bit, 1uV/bit, 2uV/bit																																																																																																									
Cold Junction Temperature	-20~70°C																																																																																																									
Cold Junction Compensation Method	External *PT100 Sensor (recommended) or Internal Temperature Sensor * Auto Detection if External PT100 (high priority) is Connected																																																																																																									
Conversion Time	30msec/1Channel when Normal Conversion																																																																																																									
Data Format	16bits Integer (2's compliment)																																																																																																									
Resolution of Data	±0.1°C/F, 10mΩ																																																																																																									
Module Accuracy	±0.3% Full Scale @25°C ±0.5% Full Scale @0°C, 60°C																																																																																																									
Calibration	Not Required																																																																																																									
Diagnostic	Sensor Open or Range Over, then Conversion Data=0x8000(-32768)																																																																																																									
Common Type	1 Common / 1 Input																																																																																																									
General Specification																																																																																																										
System Power Dissipation	Max. 120mA@5.0Vdc	Max. 140mA@5.0Vdc																																																																																																								
Isolation	I/O to Control Logic : Photocoupler Isolation																																																																																																									
Field power	Not used, Field Power by pass to next expansion module																																																																																																									
Wiring	Connector Type, up to AWG22 Module Connector : HIF3BA-20D-2.54DSA																																																																																																									
Weight	70g																																																																																																									
Module Size	12mm x 99mm x 70mm																																																																																																									
Environment Condition	Refer to " Environment Specification"(page : 1-191)																																																																																																									
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