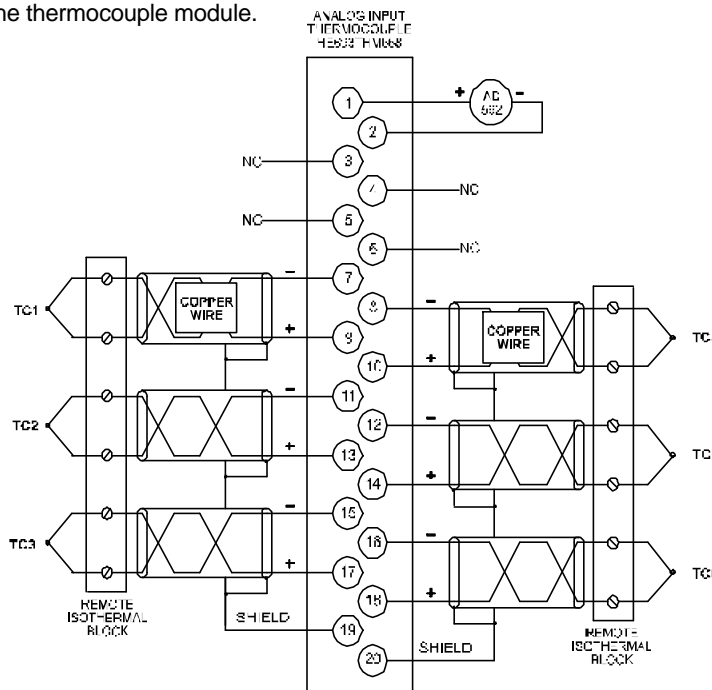
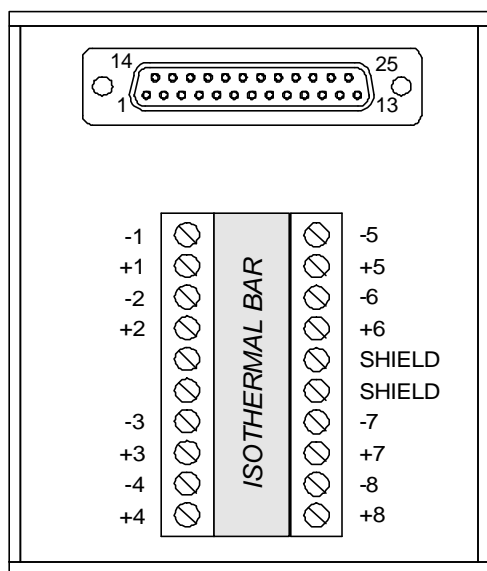




HE693ISOBLK Isothermal Block for Thermocouple Modules

Product Specifications and Installation Data

The HE693ISOBLK (ISOBLK) is remote terminal strip used in conjunction with various Horner thermocouple modules. It features an isothermal terminal strip with an integrated AD592 temperature sensor. The ISOBLK can be used with up to eight thermocouple channels. It has been designed to allow connection between the thermocouple terminal and source for greater distances at a lower cost. Connections between the remote terminal strip and the thermocouple module are accomplished through a DB-25 connector and cable. Connections for the ISOBLK screw terminals, DB-25 connector, and the thermocouple terminal strip are shown in Table 1. High quality shielded cable is recommended between the isothermal block and the thermocouple module.



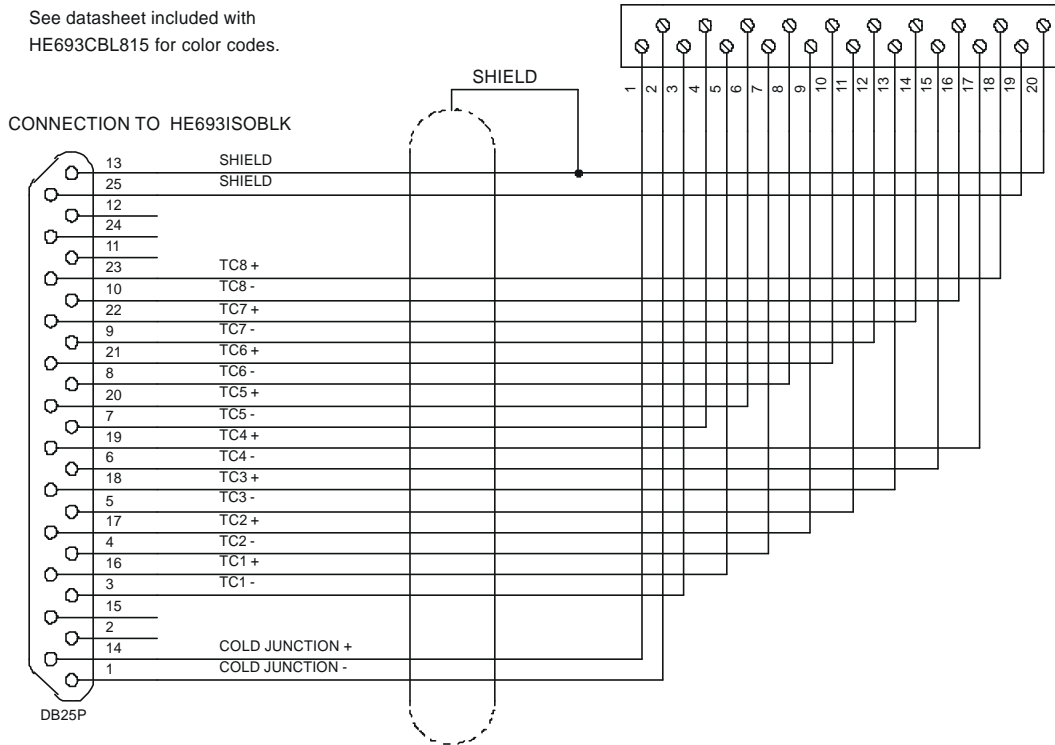
Wiring. The diagram above (left) gives a top view with pin-outs of the HE693ISOBLK. The wiring example (right) demonstrates the proper connection to a thermocouple module. The above wiring example depicts connection of a Horner Electric Isolated Thermocouple Module to the ISOBLK. The table below displays all the necessary connections from the thermocouple module to the ISOBLK.

Thermocouple Channels	ISOBLK Screw Terminal	ISOBLK DB25 Pin	Thermocouple Channels	ISOBLK Screw Terminal	ISOBLK DB25 Pin
Channel 1	TC-1	3	Channel 5	TC-5	7
	TC+1	16		TC+5	20
Channel 2	TC-2	4	Channel 6	TC-6	8
	TC+2	17		TC+6	21
Internal Cold Junction Sensor. No External Connection.	CJ-	1	SHIELD	SHIELD	25
	CJ+	14		SHIELD	13
Channel 3	TC-3	5	Channel 7	TC-7	9
	TC+3	18		TC+7	22
Channel 4	TC-4	6	Channel 8	TC-8	10
	TC+4	19		TC+8	23

HE693CBL815

See datasheet included with HE693CBL815 for color codes.

TYPICAL CONNECTION TO HE693THM884



TECHNICAL SUPPORT

For assistance and manual up-dates, contact Technical Support at the following locations:

North America:
(317) 916-4274
www.heapg.com

Europe:
(+) 353-21-4321-266
www.horner-apg.com