

SERIES 90-30 TEMPERATURE I/O

Product Data Sheet

HE693THM884N-45

eight-channel thermocouple input module

FUNCTION	FAMILY	ORIGIN	WEIGHT
eight-channel thermocouple input modu	Series 90-30 temperature I/O	United States	0.80 kg

GE 90-30 Series PLC HE693THM884N-45 is a eight-channel thermocouple input module for the Series 90-30 temperature I/O. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Thermocouple Channels	8
Resolution	0.1 °C
Reported Increments	0.5 °C, 0.5 °F, 0.1 °C or 0.1 °F
Input Registers	8 %AI
Alarm Bits	16 %I
Alarm Setpoints	8 %AQ
Open-Circuit Detection	Per channel
Supported Sensors	J, K, T, E, R, S, B and N thermocouples
Cold-Junction Compensation	Integrated
Isolation	Channel group to PLC logic

- Parcel routing and pallet transfer lines: Drive Coordination Systems
- Quayside cranes and fuel systems: Quality Inspection Systems
- Bagging and bulk loading stations: Process Control Systems

Match HE693THM884N-45 to the installed Series 90-30 temperature I/O, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[GE official manufacturer documentation](#)

<https://discreteautomation.emerson.com/>