

TRICONEX SAFETY SYSTEM

Product Data Sheet

3708E

Isolated thermocouple input module

FUNCTION Isolated thermocouple input module	FAMILY Triconex safety system	ORIGIN United States	WEIGHT 2.48 kg
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Triconex 3708E is a Isolated thermocouple input module for the Triconex safety system. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Module Type	TMR thermocouple input module
Input Signals	16 differential isolated channels
Thermocouple Types	J-K-T-E selectable
Input Update Rate	50 ms maximum
Input Resolution	0.125 °C per count
Input Resistance	30 megohm DC minimum
Common-Mode Rejection	90 dB at 0 to 60 Hz
Normal-Mode Rejection	17 dB at 60 Hz typical
Common-Mode Range	±200 V DC maximum
Leg Isolation	20 kilohm typical

ADDITIONAL PRODUCT DATA

Point Protection	110 VAC continuous
Junction Compensation	0 to 60 °C panel range
Burnout Selection	Upscale or downscale software setting
Status Indicators	PASS-FAULT-ACTIVE-CJ FAULT
Color Code	Deep-yellow module identifier

OFFICIAL APPLICATIONS

- Safety control: Configured process-protection function
- Field integration: Documented signal and termination circuits
- Lifecycle service: Controlled replacement and diagnostics

SYSTEM COMPATIBILITY

Match 3708E to the installed Triconex safety system, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

Tricon Technical Product Guide

<https://www.se.com/ww/en/product-range/63717-triconex-safety-systems/>

AMIKON PRODUCT SUPPORT

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