

TRICONEX SAFETY SYSTEM

Product Data Sheet

3805H

TMR analog output module

FUNCTION TMR analog output module	FAMILY Triconex safety system	ORIGIN United States	WEIGHT 2.75 kg
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Triconex 3805H is a TMR analog output 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 analog output module
Output Range	4 to 20 mA controlled
Overrange	6 percent above span
Output Points	8 commoned-return channels
Signal Coupling	DC-coupled current loops
Resolution	12-bit conversion
Output Accuracy	Below 0.25 percent FSR
Maximum Loop Supply	42.5 V DC protected
Nominal Loop Supply	24 V DC external power
Load at 20 V	250 ohm maximum circuit

ADDITIONAL PRODUCT DATA

Load at 25 V	500 ohm maximum circuit
Leg-Failure Switch	Below 10 ms typical
Module Indicators	PASS-FAULT-ACTIVE-LOAD-PWR display
Color Code	Pea-green module identifier
Compatibility	3805E applications supported

OFFICIAL APPLICATIONS

- Safety control: Configured shutdown and process-protection logic
- Field integration: Documented input, output or communication circuits
- Lifecycle service: Diagnostics and controlled replacement testing

SYSTEM COMPATIBILITY

Match 3805H 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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