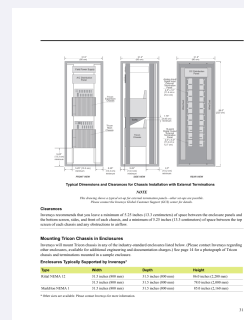


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

3008N

Enhanced main processor module



PRODUCT	3008N
FAMILY	Triconex safety system
FUNCTION	Enhanced main processor module
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from Triconex documentation. This guide supplements the complete manufacturer manual and site procedure.

01

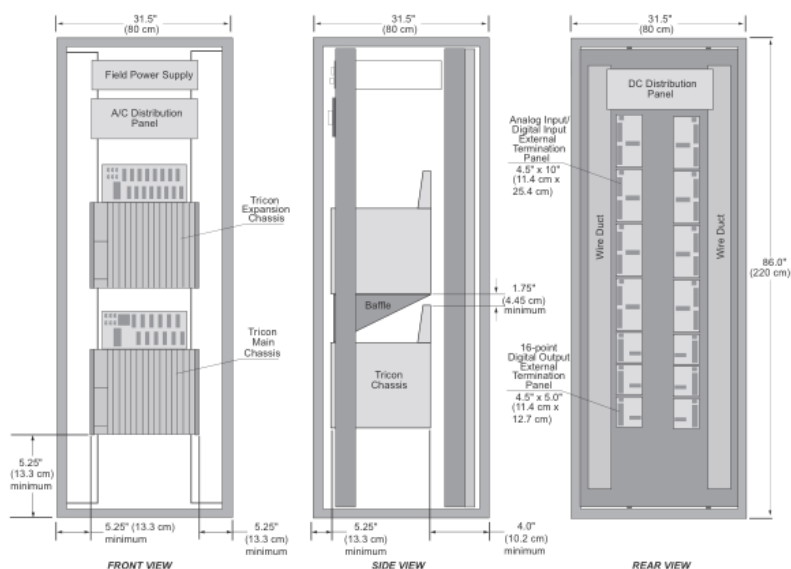
CONFIRM THE ORDERED CONFIGURATION

Component Type	Enhanced main processor module
Order Reference	3008N
System Platform	Triconex safety control system
Primary Function	Executes and votes control application
Channel or Port Capacity	Three synchronized processing channels
Electrical Classification	16 MB application memory

02

PREPARATION AND CONNECTION

- Confirm the complete 3008N article number and installed revision.
- Isolate applicable electrical and process energy using the approved site procedure.
- Record every connector, cable, terminal, shield and protective-earth connection before removal.
- Install without forcing keyed parts, then secure terminals, latches, fasteners and cable supports.



Typical Dimensions and Clearances for Chassis Installation with External Terminations

NOTE

*This drawing shows a typical set-up for external termination panels—other set-ups are possible.
Please contact the Invensys Global Customer Support (GCS) center for details.*

Clearances

Invensys recommends that you leave a minimum of 5.25 inches (13.3 centimeters) of space between the enclosure panels and the bottom screen, sides, and front of each chassis, and a minimum of 5.25 inches (13.3 centimeters) of space between the top screen of each chassis and any obstructions to airflow.

Mounting Tricon Chassis in Enclosures

Invensys will mount Tricon chassis in any of the industry-standard enclosures listed below. (Please contact Invensys regarding other enclosures, available for additional engineering and documentation charges.) See page 14 for a photograph of Tricon chassis and terminations mounted in a sample enclosure.

Enclosures Typically Supported by Invensys*

Type	Width	Depth	Height
Rittal NEMA 12	31.5 inches (800 mm)	31.5 inches (800 mm)	86.0 inches (2,200 mm)
	31.5 inches (800 mm)	31.5 inches (800 mm)	78.0 inches (2,000 mm)
MarkHon NEMA 1	31.5 inches (800 mm)	31.5 inches (800 mm)	85.0 inches (2,160 mm)

* Other sizes are available. Please contact Invensys for more information.

04

COMMISSIONING CHECKS

- 01 Confirm product identity and mechanical seating.
- 02 Verify the documented supply before energising.
- 03 Inspect polarity, shielding and protective-earth connections.
- 04 Restore power in the approved sequence and observe status indications.
- 05 Test each connected input, output or communication path.
- 06 Record diagnostics and functional-test results before return to service.

05

CONTROLLED DOCUMENT

Official source	Tricon Technical Product Guide
Product record	3008N
Manufacturer	Triconex
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

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