

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

TRICONEX

4000098-516

TERMINATION INTERFACE CABLE

Used with the applicable Triconex safety system configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Tricon Technical Product Guide

Part Number Cross-Reference

The table below identifies the external termination assembly (ETA) part number and the cable part number for each termination panel model number.

There are four cable types included in this table:

- **FT4:** Ninety-degree cables that meet FT4 flame test ratings. Add “F” at the end of the base model number to obtain the complete model number. For example, 9551-110F.
- **Z:** Zero-degree cables, designed to be used with G-Series Enclosures for Tricon systems that have front access. Add “F-Z” at the end of the base model number to obtain the complete model number. For example, 9551-110F-Z.
- **LSZH:** Low Smoke Zero Halogen ninety-degree cables. Add “J” at the end of the base model number to obtain the complete model number. For example, 9551-110J.
- **FT1:** Ninety-degree cables that were shipped with pre-FT4 ETP models. These models did not include a letter at the end of the base model number.

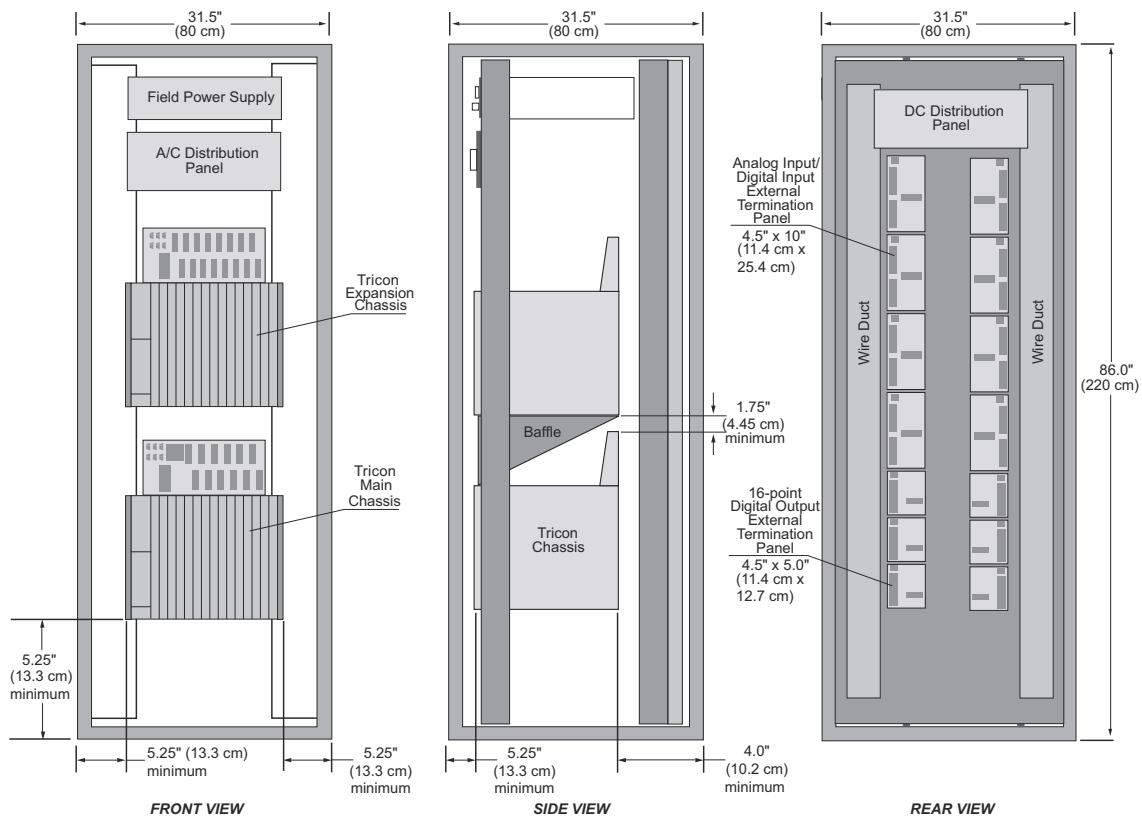
Part Number Cross-Reference—ETPs

Base Model #	ETA	FT4 Cable	Z Cable	LSZH Cable	FT1 Cable (Old)
9551-110	3000400-160	4000187-110	4000192-110	4000140-110	4000093-110
9552-610	3000400-260	4000187-210	4000192-210	4000140-210	4000093-210
9553-610	3000400-360	4000187-310	4000192-310	4000140-310	4000093-310
9561-110	3000560-110	4000187-110	4000192-110	4000140-110	4000093-110
9561-810	3000510-180	4000187-110	4000192-110	4000140-110	4000093-110
9562-810	3000510-280	4000187-210	4000192-210	4000140-210	4000093-210
9563-810	3000510-380	4000187-310	4000192-310	4000140-310	4000093-310
9563-910	3000510-390	4000187-310	4000192-310	4000140-310	4000093-310
9565-810	3000540-280	4000187-210	4000192-210	4000140-210	4000093-210
9566-710	3000530-380	4000187-310	4000192-310	4000140-310	4000093-310
9566-810	3000540-380	4000187-310	4000192-310	4000140-310	4000093-310
9570-610	3000768-370	4000195-310	4000199-310	n/a	4000165-310
9571-610	3000768-390	4000195-310	4000199-310	n/a	4000165-310
9572-610	3000771-380	4000195-310	4000199-310	n/a	4000165-310
9651-110	3000410-160	4000188-110	4000193-110	4000141-110	4000094-110
9652-610	3000410-260	4000188-210	4000193-210	4000141-210	4000094-210
9653-610	3000410-360	4000188-310	4000193-310	4000141-310	4000094-310
9661-110	3000570-110	4000188-110	4000193-110	4000141-110	4000094-110
9661-510	3000550-160	4000188-110	4000193-110	4000141-110	4000094-110

Part Number Cross-Reference

Part Number Cross-Reference—ETPs (continued)

Base Model #	ETA	FT4 Cable	Z Cable	LSZH Cable	FT1 Cable (Old)
9661-610	3000520-160	4000188-110	4000193-110	4000141-110	4000094-110
9661-810	3000550-180	4000188-110	4000193-110	4000141-110	4000094-110
9661-910	3000520-180	4000188-110	4000193-110	4000141-110	4000094-110
9662-110	3000570-310	4000188-310	4000193-310	4000141-310	4000094-310
9662-610	3000520-390	4000188-310	4000193-310	4000141-310	4000094-310
9662-710	3000550-390	4000188-310	4000193-310	4000141-310	4000094-310
9662-810	3000520-380	4000188-310	4000193-310	4000141-310	4000094-310
9662-910	3000550-380	4000188-310	4000193-310	4000141-310	4000094-310
9663-610	3000725-160	4000188-110	4000193-110	4000141-110	4000094-110
9664-110	3000726-110	4000188-110	4000193-110	4000141-110	4000094-110
9664-810	3000520-170	4000188-110	4000193-110	4000141-110	4000094-110
9667-110	3000570-710	4000188-210	4000193-210	4000141-210	4000094-210
9667-810	3000520-280	4000188-210	4000193-210	4000141-210	4000094-210
9667-910	3000550-280	4000188-210	4000193-210	4000141-210	4000094-210
9668-110	3000590-110	4000188-110	4000193-110	4000141-110	4000094-110
9670-110	3000290-110	4000203-110	4000204-110	n/a	4000111-110
9670-610	3000290-160	4000203-110	4000204-110	n/a	4000111-110
9671-610	3000769-390	4000196-310	4000200-310	n/a	4000166-310
9671-810	3000290-380	4000203-310	4000204-310	n/a	4000111-310
9672-810	3000290-280	4000203-210	4000204-210	n/a	4000111-210
9673-810	3000290-181	4000203-110	4000204-110	n/a	4000111-110
9750-210	3000420-120	4000206-510	4000207-510	n/a	4000093-510
9750-310	3000420-310	4000187-310	4000192-310	4000140-310	4000093-310
9750-410	3000420-410	4000187-210	4000192-210	4000140-210	4000093-210
9750-810	3000420-180	4000206-510	4000207-510	n/a	4000093-510
9753-110	3000400-510	4000189-510	4000191-510	4000142-510	4000103-510
9760-210	3000470-510	4000206-510	4000207-510	n/a	4000093-510
9760-410	3000470-530	4000206-510	4000207-510	n/a	4000093-510
9761-210	3000510-510	4000189-510	4000191-510	4000142-510	4000103-510
9761-410	3000510-530	4000189-510	4000191-510	4000142-510	4000103-510
9762-210	3000510-560	4000189-510	4000191-510	4000142-510	4000103-510



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.