Invensys Triconex 2551

Digital Input Termination Panel Family

The Invensys Triconex 2551 family provides an electrically passive field-wiring interface between approved digital-input circuits and a matched Tricon input module. Manufacturer records distinguish three suffix variants with different commoning arrangements.

- Passive external termination-panel architecture
- 2551-1, 2551-6 and 2551-8 suffix variants
- Matched 3501E/F/T digital-input module family
- Two approved interface cables required per ETP

FIELD DEVICES

Documented digital-input circuits

2551 FAMILY

Suffix-specific passive termination

3501E/F/T

Matched Tricon input module

IDENTITY HOLD POINT

Confirm the complete 2551 suffix, 3501 module revision, interface-cable part number and cabinet wiring record before installation or replacement.

Verified related ApterPower product pages

These links support portfolio navigation only and do not establish compatibility or substitution.

Invensys Triconex 3501T

Invensys Triconex 9563-810

Invensys Triconex 9753-110

Verified technical record

Base family	2551
Product form	Tricon RETMA-rail termination panel set
Signal role	Digital-input field termination
Documented suffixes	2551-1, 2551-6, 2551-8
2551-1 arrangement	115 VAC/VDC, non-commoned
2551-6 arrangement	115 VAC/VDC, commoned

SYSTEM ROLE

The 2551 termination family sits between field wiring and the approved Tricon digital-input module. Its purpose is to organize the field interface while allowing an I/O module to be removed or replaced without disturbing the landed field wiring.

Verified related ApterPower product pages

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- **Invensys Triconex 9760-210**
- **Invensys Triconex 9761-210**
- **Invensys Triconex 9771-210**
- **Invensys Triconex 3700A**

Interface and service boundaries

2551-8 arrangement	Commoned and redundant; confirm revision-specific voltage marking
Matched module family	3501E/F/T
Interface-cable family	4000214-1xx
Low-density panel numbers	3000110-110 / -160 / -180 by suffix
Interface cables	Two required per ETP
Service function	Field wiring can remain landed during approved I/O-module replacement

ENGINEERING NOTE

Manufacturer guides identify 2551-1 as non-commoned and 2551-6 as commoned. The -8 variant is redundant/commoned, but legacy manufacturer records differ on its voltage wording, so the installed label and revision-specific field-termination guide control the final wiring decision.

CONTROLLED INTEGRATION

A base marking of 2551 is not enough to select the electrical arrangement. Record the complete suffix, commoning design, cable family, panel part number and cabinet drawing before procurement, installation or replacement.

Verified related ApterPower product pages

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- **Invensys Triconex 3703E**
- **Invensys Triconex 3704E**
- **Invensys Triconex 7400143-530**
- **Invensys Triconex MP3101**

Exact-model questions

What is Invensys Triconex 2551?
It is the base identifier for a legacy RETMA-rail digital-input termination-panel family; the complete suffix defines the exact arrangement.

Which suffixes are documented for Invensys Triconex 2551?
Manufacturer records list 2551-1, 2551-6 and 2551-8.

How do Invensys Triconex 2551-1 and 2551-6 differ?
2551-1 is documented as non-commoned, while 2551-6 is documented as commoned.

What distinguishes Invensys Triconex 2551-8?
It is the redundant, commoned family member; confirm its revision-specific voltage wording from the installed label and applicable guide.

Which input modules are associated with Invensys Triconex 2551?
The field-termination guide associates the 2551 variants with the 3501E/F/T digital-input module family.

Which interface cable family is listed for Invensys Triconex 2551?
The guide lists 4000214-1xx, with the exact cable and panel part selected by suffix.

How many interface cables does an Invensys Triconex 2551 ETP use?
The compatibility table states that two interface cables are required per ETP.

Why must the full Invensys Triconex 2551 marking be recorded?
The base number alone does not resolve commoning, redundancy or the exact panel part, and manufacturer records differ on one legacy voltage description.

Verified related ApterPower product pages

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Invensys Triconex CM3201 S2

Invensys Triconex SDO3411

Invensys Triconex RO 3451S2

Manufacturer source ledger

SOURCE 1

Invensys Planning and Installation Guide for Tricon v9-v11 Systems, 9720077-019, June 2014, field-termination and installation sections.

SOURCE 2

Schneider Electric Field Terminations Guide for Tricon CX v12 Systems, 9720159-002 Rev 0, Table 290, low-density termination compatibility.

SOURCE 3

Triconex Lifecycle Phase Report, revision 6/1/2009, Triconex Hardware listing for 2551 suffix variants.

Verified related ApterPower product pages

These links support portfolio navigation only and do not establish compatibility or substitution.

- **Invensys Triconex AI3351**
- **Invensys Triconex CM3201**
- **Invensys Triconex CM2201 7400206-100**
- **Invensys Triconex EMPII 3006**

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