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.

01

Passive external termination-panel architecture

02

2551-1, 2551-6 and 2551-8 suffix variants

03

Matched 3501E/F/T digital-input module family

04

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

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

Documented technical data

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

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

DATA BOUNDARY

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.

Verified related ApterPower product pages

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

Invensys Triconex 9753-110

Invensys Triconex 9760-210

Model-specific application contexts

LEGACY TRICON INPUT CABINETS

Preserve a documented digital-input field termination in an approved low-density Tricon architecture.

CONTROLLED MODULE REPLACEMENT

Keep landed field wiring stable while an approved matched input module is serviced.

CABINET WIRING RESTORATION

Rebuild the exact suffix, cable and panel relationship from the approved drawing and installed labels.

LIFECYCLE SUPPORT PLANNING

Identify obsolete hardware precisely before sourcing a compatible service replacement or migration path.

INTEGRATION BOUNDARY

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

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

Invensys Triconex 9761-210

Invensys Triconex 9771-210

Engineering decisions

Q1 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.

Q2 Which suffixes are documented for Invensys Triconex 2551?

Manufacturer records list 2551-1, 2551-6 and 2551-8.

Q3 How do Invensys Triconex 2551-1 and 2551-6 differ?

2551-1 is documented as non-commoned, while 2551-6 is documented as commoned.

Q4 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.

STEP 1

Record the complete 2551 suffix and every visible panel identifier.

STEP 2

Apply the approved safe-work procedure and isolate field energy.

STEP 3

Verify the 3501E/F/T module revision against the cabinet drawing.

STEP 4

Match commoned, non-commoned or redundant wiring to the exact suffix.

Verified related product portfolio

PORTFOLIO NAVIGATION

The catalog links below are verified ApterPower product pages selected to help engineers continue a controlled parts search. They are navigation aids and do not establish compatibility or substitution.

SELECTION BOUNDARY

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 3700A**
- **Invensys Triconex 3703E**
- **Invensys Triconex 3704E**
- **Invensys Triconex 7400143-530**
- **Invensys Triconex MP3101**
- **Invensys Triconex CM3201 S2**
- **Invensys Triconex SDO3411**
- **Invensys Triconex RO 3451S2**

Sources, portfolio and contact

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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