2551 controlled-work boundary

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.

FIELD DEVICES

Documented digital-input circuits

2551 FAMILY

Suffix-specific passive termination

3501E/F/T

Matched Tricon input module

BEFORE WORK

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

DOCUMENT SET

Approved cabinet drawings, installed labels, module and termination records, cable part numbers, safe-work procedure and acceptance test plan.

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**
- **Invensys Triconex 9760-210**

Readiness checklist

CHECK 1

Record the complete 2551 suffix and every visible panel identifier.

CHECK 2

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

CHECK 3

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

CHECK 4

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

ACCEPTANCE CRITERION

No work proceeds until the exact identity, energy boundary, wiring architecture and approved companion hardware agree with the project record.

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

Invensys Triconex 3700A

Connection and replacement workflow

STEP 5

Confirm the 4000214-1xx cable and low-density panel part number.

STEP 6

Inspect both required interface cables and connectors before use.

STEP 7

Check field labels, terminal continuity and grounding before energization.

STEP 8

Document the as-left wiring and acceptance results before release.

ENGINEERING DECISION

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 3703E

Invensys Triconex 3704E

Invensys Triconex 7400143-530

Functional checks and handover

VERIFY 1

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.

VERIFY 2

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

VERIFY 3

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

VERIFY 4

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.

VERIFY 5

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.

VERIFY 6

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.

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 MP3101**
- **Invensys Triconex CM3201 S2**
- **Invensys Triconex SDO3411**
- **Invensys Triconex RO 3451S2**
- **Invensys Triconex AI3351**
- **Invensys Triconex CM3201**
- **Invensys Triconex CM2201 7400206-100**
- **Invensys Triconex EMPII 3006**

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

2551