

NTCS04

Control I/O TU

ABB NTCS04 is a controller-station termination unit that provides the field termination connections used by SPCIS control I/O and SPQRS quick-response I/O modules in the Symphony Plus architecture.

IDENTITY	VERIFIED VALUE
Manufacturer	ABB
Complete model	NTCS04
Product role	Control I/O TU
System family	Symphony Plus

Document scope

Exact identity, verified technical data, applications, precautions, model-specific FAQ and controlled acceptance records.

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com



NTCS04

Technical Specifications

PARAMETER	VERIFIED VALUE	PARAMETER	VERIFIED VALUE
Product identity	NTCS04	Alternate connected module	SPQRS quick-response I/O
Product type	Controller-station termination unit	Primary function	Field termination connections for the paired I/O module
System family	ABB Ability Symphony Plus	Reference manual	WBPEEU1260037 series
Connected module	SPCIS control I/O	Compatibility control	Match the installed module and complete NTCS04 identity

Engineering boundary

Verify the complete NTCS04 marking, the connected SPCIS or SPQRS module and every retained field conductor before disturbing the termination unit.

Identity Acceptance

CONTROL	VERIFIED VALUE
Product identity	NTCS04
Product type	Controller-station termination unit
System family	ABB Ability Symphony Plus
Connected module	SPCIS control I/O

Functions and Applications

SPCIS termination

Provides the termination connection path for the SPCIS control I/O module.

SPQRS termination

Provides the termination connection path for the SPQRS quick-response I/O module.

Field wiring interface

Organizes the field-side conductors for the matched rack I/O function.

Module-to-field continuity

Maintains the documented connection boundary between the I/O module and field circuits.

Common Applications

APPLICATION	ENGINEERING CONTEXT
Control I/O termination	Terminates field wiring used with an SPCIS control I/O module.
Quick-response I/O	Terminates field wiring used with an SPQRS quick-response I/O module.
Symphony modernization	Retains the documented termination relationship during controlled system work.
Maintenance replacement	Replaces an exact NTCS04 after conductor and companion-module records are verified.

Controlled acceptance duty

Confirm identity, interfaces, configured values and functional response against the installed-system record before release.

Engineering Precautions

NO.	PRECAUTION
1	Verify the complete ABB NTCS04 marking before work.
2	Identify whether the paired module is SPCIS or SPQRS.
3	Place every affected field circuit in the approved maintenance state.
4	Record each terminal and conductor before disconnecting wiring.
5	Use ESD controls and inspect the mating connectors before seating the unit.
6	Do not substitute another termination unit without documented compatibility.
7	Check continuity and terminal security before restoring power.
8	Complete controlled I/O tests for every affected channel before release.

Model-Specific FAQ - Part 1

QUESTION	ANSWER
What is ABB NTCS04?	ABB NTCS04 is a controller-station termination unit in the Symphony Plus termination-unit family.
Which module can ABB NTCS04 connect to?	ABB identifies NTCS04 for connections to SPCIS control I/O or SPQRS quick-response I/O modules.
What function does ABB NTCS04 provide?	It provides the documented field termination connection path for the paired I/O module.
Is ABB NTCS04 itself an I/O processor?	No. ABB classifies NTCS04 as a termination unit used with the separate SPCIS or SPQRS module.

Related Products

MODEL	APTER POWER PAGE
ABB DI811	View ABB DI811
ABB TU831V1 3BSE013235R1	View ABB TU831V1 3BSE013235R1
ABB DSBC174 3BSE012211R1	View ABB DSBC174 3BSE012211R1
ABB SR511 3BSE000863R1	View ABB SR511 3BSE000863R1

Model-Specific FAQ - Part 2

QUESTION	ANSWER
Which manual series applies to ABB NTCS04?	ABB lists the WBPEEU1260037 controller-station termination-unit instruction series.
What must be recorded before removing ABB NTCS04?	Record the complete marking, paired module, every terminal, conductor identity and cable orientation.
Can ABB NTCS04 be replaced by a nearby termination-unit model?	Only when ABB documentation and the installed-system record approve the module, terminal and field-circuit compatibility.
What confirms ABB NTCS04 commissioning?	Every retained connection must match the record and all affected SPCIS or SPQRS channels must pass controlled I/O tests.

Related Products and Release

MODEL	APTER POWER PAGE
ABB 07DI92	View ABB 07DI92
ABB 07KT92 JR5250500R0902	View ABB 07KT92 JR5250500R0902
ABB 07KR91 GJR5250000R0101	View ABB 07KR91 GJR5250000R0101
ABB 07KP90 GJR5251000R0202	View ABB 07KP90 GJR5251000R0202

MANUFACTURER SOURCE RECORDS

1. ABB Ability Symphony Plus Product Catalog 2VAA005340
2. ABB Harmony HART Adapter Data Sheet WBPEEUD250004A0

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com



NTCS04