

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

MANUFACTURER SOURCE RECORDS

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

APTER POWER SALES TEAM

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Product Overview

System function

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.

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.

Technical note

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

Technical Data and Acceptance

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.

Applications and Engineering FAQ

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.

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.

Related Products

MODEL	APTER POWER PAGE
ABB 0G0010-00-090	View ABB 0G0010-00-090
ABB 1HSB495663-3	View ABB 1HSB495663-3
ABB P4LR 1KHL015107R0001	View ABB P4LR 1KHL015107R0001
ABB G4AI 1KHL015623R0001	View ABB G4AI 1KHL015623R0001

FAQ, Related Products and Sources

QUESTION	ANSWER
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.
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.

MODEL	APTER POWER PAGE
ABB G4AK 1KHL016009R0001	View ABB G4AK 1KHL016009R0001
ABB 1KHL178016R0001F	View ABB 1KHL178 016R0001F
ABB 1KHW001381R0001	View ABB 1KHW00 1381R0001
ABB 1KHW001432R0001	View ABB 1KHW00 1432R0001

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