

NTDI01

System Integration and Verification Reference

The ABB NTDI01 is a Digital I/O Termination Unit in the Symphony Harmony INFI 90 family. It provides the field-wiring termination interface for compatible digital I/O and related modules.

Manufacturer	ABB / Elsasg Bailey
Complete model	NTDI01
Product description	Symphony Harmony Digital I/O Termination Unit
Prepared by	Apter Power
Document ID	AP-ABB-NTDI01-SI-R1
Revision / issue	R1 / 2026-08-26

APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Three interface paths, one controlled configuration.

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



SCAN FOR PRODUCT &
QUOTE

NTDI01

1. System role

The NTDI01 organizes cabinet-to-field wiring and connects it to the paired module architecture. The termination unit does not independently execute control logic or define channel behavior; the paired I/O module determines whether a point is input or output and sets its electrical characteristics.

What the product handles

Digital I/O and supported related module wiring as defined by the paired DSI, DSO, DSM, SET, SED, ASO, HSS or FCS module documentation.

Required companion components

DSI, DSO, DSM, SET, SED, ASO, HSS, FCS and documented NKTU/NKST/NKSD cable assemblies.

Where it is used

Marshalling and termination of control-panel field wiring in Symphony Harmony / INFI 90 process-control systems.

Pre-installation record

Parameter	Verified value
Identity	Record complete model NTDI01 and every revision/suffix from the nameplate
Evidence	Retain the cited manufacturer PDF and site-approved drawings
Configuration	Back up the approved controller, network or module configuration
Connections	Label cables, terminals, module positions and field wiring
Commissioning	Define a point-by-point or communication verification plan

2. Installation and commissioning controls

Recommended verification sequence

Parameter	Verified value
1 - Identify	Match the full nameplate and physical construction
2 - Isolate	Follow site lockout, electrical-safety and ESD procedures
3 - Compare	Confirm companion hardware, cables, termination and revision compatibility
4 - Install	Use manufacturer mounting, grounding and environmental requirements
5 - Configure	Restore only the approved configuration and documented settings
6 - Test	Verify communications, diagnostics and every affected process function
7 - Release	Record results and obtain the required site authorization

Model-specific precautions

- Identify every wire and verify the paired module/cable combination before disconnecting the existing termination unit.
- Do not apply field voltage limits inferred from the NTDI01 name alone; use the paired I/O module and system wiring drawings.
- The official product-detail record lists 0 kg net weight; use the physical unit or shipment documentation for logistics planning.

Manufacturer source PDFs

Manufacturer document	Direct PDF
ABB NTDI01 official product details	Open PDF in a new window

APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Three interface paths, one controlled configuration.

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



SCAN FOR PRODUCT &
QUOTE

NTDI01