APTER POWER
INDUSTRIAL AUTOMATION

MANUFACTURER-SOURCE TECHNICAL REFERENCE

# ABB NTST01

## NTST01 Evidence-Bounded Product Information Manual

ABB NTST01 sequence-of-events time-synchronization termination unit

**DOCUMENT SCOPE**

Independent Apter Power manual compiled only from the cited ABB manufacturer sources. No product photograph is included.

| | |
|---|---|
| **Product / lookup identity** | ABB NTST01 |
| **Reference number** | NTST01 |
| **Document basis** | Published ABB product records, PDFs, and manuals listed on page 3 |

**Product page**

https://www.apterpower.com/ABB/ntst01

**Apter Power contact**

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## Workflow and system context

ABB NTST01 is an evidence-bounded sequence-of-events time-synchronization termination unit in the Bailey INFI 90 / Harmony Rack installed-base context. System role: It couples the time-synchronization input/output path used by INTKM01 and supported SOE architecture.

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|---|---|
| 01 | System Inputs: It couples the time-synchronization input/output path used by INTKM01 and supported SOE architecture. |
| 02 | Processing: ABB specifies DC level-shift IRIG-B input, a 62.5 kbaud RS-485 synchronization path and twinaxial inter-cabinet cabling for the documented design. |

## Published context and boundaries

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|---|---|
| 01 | Verify the complete ABB NTST01 nameplate, revision and installed-system documentation before use. |
| 02 | The published isolation and distance limits apply only to the cited SOE architecture and do not authorize arbitrary cable, topology or live-work changes. |
| 03 | Current formal lifecycle phase, origin, HS code, dimensions and logistics weight remain HOLD without exact ABB evidence. |

## Verification and release checks

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|---|---|
| 01 | Verify the complete ABB NTST01 nameplate, revision and installed-system documentation before use. |
| 02 | The published isolation and distance limits apply only to the cited SOE architecture and do not authorize arbitrary cable, topology or live-work changes. |
| 03 | De-energize and follow the site's approved electrical and process-safety procedure before disturbing hardware or field wiring. |
| 04 | Back up controller, network, I/O, addressing and configuration data before replacement or firmware work. |
| 05 | Verify every companion module, termination unit, cable, connector and power source from approved drawings. |
| 06 | Do not copy electrical, communication, mechanical or lifecycle values from a related model or successor. |

### Identity and release controls

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| Verification Status | Verified Exact Model Function |

## Official ABB sources

| | |
|---|---|
| ABB Harmony Sequence of Events Data Sheet | https://library.e.abb.com/public/9c60a0e5592c0245c1256d2f006010e7/WBPEEUD240008A2_-_en_Harmony_Sequence_of_Events_Data_Sheet.pdf |
| ABB Symphony Plus Product Catalog | https://library.e.abb.com/public/67f6b20f64d0443da36258e62a597791/2VAA005340%20en%20G%20Symphony%20Plus%20Product%20Catalog.pdf |