

MANUFACTURER-SOURCE TECHNICAL REFERENCE

ABB IMSED01

IMSED01 Evidence-Bounded Product Information Manual

ABB IMSED01 Sequence of Events Digital Input module

DOCUMENT SCOPE

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

Product / lookup identity	ABB IMSED01
Reference number	IMSED01
Document basis	Published ABB product records, PDFs, and manuals listed on page 3



Product page

<https://www.apterpower.com/ABB/imsed01>
Apter Power contact

sales13@apterpower.com | +86 180 3023 5313

Workflow and system context

ABB IMSED01 is a Harmony Sequence of Events Digital Input module. The module communicates with its Harmony controller over the I/O expander bus.

- 01 Held Claims: No timestamp resolution, scan time, event-buffer size, or signal-current value is published because no exact ABB evidence for those fields was located.



Published context and boundaries

- 01 Do not substitute IMSET01 for IMSED01 or merge their records; IMSED01 does not process the time-synchronization link.
- 02 Keep the segment population within ABB's limit of up to 63 IMSED01 modules with one IMSET01 timing module.
- 03 Verify every channel's configured voltage class before energizing field wiring; 24 VDC, 48 VDC, 125 VDC, and 120 VAC are distinct selections.

Verification and release checks

01	Do not substitute IMSET01 for IMSED01 or merge their records; IMSED01 does not process the time-synchronization link.
02	Keep the segment population within ABB's limit of up to 63 IMSED01 modules with one IMSET01 timing module.
03	Verify every channel's configured voltage class before energizing field wiring; 24 VDC, 48 VDC, 125 VDC, and 120 VAC are distinct selections.
04	Use 120 VAC inputs only for system control logic, as expressly qualified by the ABB data sheet.
05	Confirm the installed termination topology. NTDI01 is the field-wiring termination named in the SOE data sheet, while NTBMM2 is an additional model association in the separate rack-termination table; do not assume unrestricted interchangeability.
06	Observe the published noncondensing humidity, temperature, pollution-degree, altitude, and noncorrosive-atmosphere limits.

Identity and release controls

Verification Status	Official Identity Verified
Lifecycle	Hold Current Exact Model Status Not Verified

Official ABB sources

Harmony Sequence of Events Data Sheet, IMSED01 and IMSET01	https://library.e.abb.com/public/9c60a0e5592c0245c1256d2f006010e7/WBPEEUD240008A2_-_en_Harmony_Sequence_of_Events_Data_Sheet.pdf
Harmony Rack I/O Product Overview	https://library.e.abb.com/public/429d55ddf7c18f3ec1256c95006f67bc/WBPEEUS240011B1_-_en_Harmony_Rack_I_O_Product_Overview.pdf
Harmony Rack Mount Termination Devices Data Sheet	https://library.e.abb.com/public/970f33da260c82f5c1256d12005fbec0/WBPEEUD260001A1_-_en_Harmony_Rack_Mount_Termination_Devices_Data_Sheet.pdf
Symphony Plus Overview / Harmony Evolution Driver	https://library.e.abb.com/public/6accbfc76dbae885257a8c00660057/3BUS095666_Symphony_Plus_Overview.pdf
ABB Industrial Automation Spare Parts Triple Play Brochure	https://library.e.abb.com/public/ce7ff1c4bdac451085597330b9fba063/9AKK107046A2102%20C%20Triple%20Play%20brochure.pdf