

MANUFACTURER-SOURCE TECHNICAL REFERENCE

ABB IMSET01

IMSET01 Evidence-Bounded Product Information Manual

ABB IMSET01 Sequence of Events Timing module

DOCUMENT SCOPE

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

Product / lookup identity	ABB IMSET01
Reference number	IMSET01
Document basis	Published ABB product records, PDFs, and manuals listed on page 3



Product page

<https://www.apterpower.com/ABB/imset01>
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Workflow and system context

ABB IMSET01 is a Harmony Sequence of Events Timing module. The Harmony controller uses function code 241 to interface SOE data from IMSET01 to INSEM01 and function code 242 to configure and access the module's input channels.

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| 01 | Held Claims: No timestamp resolution, link distance, event-buffer capacity, or input current is published because exact ABB evidence for those fields was not located. |
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Published context and boundaries

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| 01 | Install no more than one IMSET01 on an I/O expander bus segment. |
| 02 | Do not substitute or merge IMSED01 with IMSET01; only IMSET01 performs the documented time-synchronization-link decoding role. |
| 03 | Verify the complete timing chain, including INTKM01, NTST01, controller function code 241, and INSEM01 configuration, before commissioning. |

Verification and release checks

01	Install no more than one IMSET01 on an I/O expander bus segment.
02	Do not substitute or merge IMSED01 with IMSET01; only IMSET01 performs the documented time-synchronization-link decoding role.
03	Verify the complete timing chain, including INTKM01, NTST01, controller function code 241, and INSEM01 configuration, before commissioning.
04	Verify every channel's voltage selection before energizing field wiring, and use 120 VAC only for system control logic.
05	Confirm NTST01 time-link termination and NTDI01 field-wiring termination; treat NTBMM2 as a separately documented configuration association, not assumed universal interchangeability.
06	Observe the published temperature, noncondensing humidity, 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/WBPPEUD240008A2_-_en_Harmony_Sequence_of_Events_Data_Sheet.pdf
Harmony Rack I/O Product Overview	https://library.e.abb.com/public/429d55ddf7c18f3ec1256c95006f67bc/WBPPEUS240011B1_-_en_Harmony_Rack_I_O_Product_Overview.pdf
Harmony Rack Mount Termination Devices Data Sheet	https://library.e.abb.com/public/970f33da260c82f5c1256d12005fbec0/WBPPEUD260001A1_-_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