

MANUFACTURER-SOURCE TECHNICAL REFERENCE

ABB ICMK14F1 ISBP260050R1001

ICMK14F1 CS31 Remote I/O Installation and Verification Manual

ABB AC31 centrally extensible CS31 remote I/O unit

DOCUMENT SCOPE

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

Product / lookup identity	ABB ICMK14F1 ISBP260050R1001
Reference number	ISBP260050R1001
Document basis	Published ABB product records, PDFs, and manuals listed on page 3



Product page

<https://www.apterpower.com/ABB/icmk14fi-1sbp260050r1001>

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Workflow and system context

ABB ICMK14F1 is an evidence-bounded AC31 centrally extensible CS31 remote I/O unit. System role: It is a centrally extensible remote unit for AC31 series 50 and 90 basic units, providing isolated digital inputs and relay outputs over the CS31 system bus.

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| 01 | System Inputs: It is a centrally extensible remote unit for AC31 series 50 and 90 basic units, providing isolated digital inputs and relay outputs over the CS31 system bus. |
| 02 | Processing: The exact R1001 variant has eight isolated 24 V DC inputs, six relay outputs rated 250 V AC / 2 A, and a 24 V DC power supply. |

Published context and boundaries

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| 01 | Verify the complete ABB ICMK14F1 physical label and installed-system documentation before use. |
| 02 | Do not merge it with ISBP260051R1001, which has a 120/230 V AC supply, or ISBP260052R1001, which uses transistor outputs; verify the series 50/90 host and extension arrangement before installation. |
| 03 | Origin and HS code remain unpublished unless an exact manufacturer record or the physical package label establishes them. |

Verification and release checks

01	Verify the complete ABB ICMK14F1 label, revision and installed-system documentation before use.
02	Do not merge it with ISBP260051R1001, which has a 120/230 V AC supply, or ISBP260052R1001, which uses transistor outputs; verify the series 50/90 host and extension arrangement before installation.
03	De-energize the equipment and follow the site's approved electrical and process-safety procedure before disturbing hardware or wiring.
04	Back up controller, drive, network and configuration data before replacement, migration or firmware work.
05	Verify every companion module, cable, connector, termination 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

Verification Status	Verified Exact Abb Model Variant And Order Code
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Official ABB sources

ABB AC31 Hardware Series 40 and 50 Manual	https://library.e.abb.com/public/e001df7ee119b5c1c1257c2100539a40/2CDC120060M0202.pdf
ABB AC31 I/O and Previous Series Archive	https://new.abb.com/plc/de/abgekuendigte-produkte/ac31-und-fruehere-baureihen/ac31-e-as-und-vorherige-baureihen