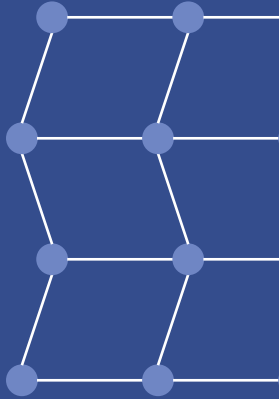


MANUFACTURER-SOURCE TECHNICAL REFERENCE

ABB ICMK14F1 ISBP260050R1001

Product Reference

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/icmk14f1-isbp260050r1001>
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Product role and published parameters

WHAT IT IS, WHAT IT DOES, AND WHERE IT FITS

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. System context: ABB AC31 centrally extensible CS31 remote I/O unit.

Published field	Manufacturer-published value or verified identity note
Exact model	ICMK 14 F1, 24 V DC
ABB order number	ISBP260050R1001
System interface	CS31 system bus
Approved basic-unit families	AC31 series 50 and 90
Digital inputs	8 isolated inputs, 24 V DC
Relay outputs	6 outputs, 250 V AC / 2 A
Module power supply	24 V DC

System function and signal path

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.

Applications, answers, and official sources

1 Installed-base maintenance: Supports evidence-led identification and replacement planning for ABB ICMK14F1.

2 System documentation: Provides a source-traceable boundary for the documented ABB Advant Controller 31 series 50 and 90 CS31 system-bus architecture configuration.

3 Commissioning review: Guides identity, companion-hardware, wiring and controlled functional checks before return to service.

4 Migration assessment: Separates exact-model facts from successor, sibling and family-level information.

Frequently asked questions

What is ABB ICMK14F1?	It is an evidence-bounded AC31 centrally extensible CS31 remote I/O unit; this page is limited to the cited manufacturer evidence.
Is the exact identity verified?	Verified Exact Abb Model Variant And Order Code.
What is its 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.
Which installed-base context is documented?	ABB Advant Controller 31 series 50 and 90 CS31 system-bus architecture.
Are related models automatic substitutes?	No. A sibling, repair code, suffix or engineering replacement is not an unconditional drop-in approval.
Must the physical label be checked?	Yes. Verify the model, revision, firmware and all order or configuration suffixes.

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