

Installation Identity and Scope

Allen-Bradley 1769-IM12 is a Compact I/O module with 12 inputs for 200/240 VAC circuits. Its documented operating range is 159 to 265 VAC at 47 to 63 Hz.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	1769-IM12
Manufacturer	Allen-Bradley
Hardware type	Compact 12-Point AC Input Module
System family	Bulletin 1769 Compact I/O
Official source	1769-IN011B-EN-P, input specifications

CONTROLLED ENGINEERING COPY

Use only the complete Allen-Bradley 1769-IM12 identity and the current manufacturer documentation. Verify the installed revision, companion hardware, wiring and saved configuration before replacement or release.

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1769-IM12

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Verify the complete 1769-IM12 catalog number and series.
2	Isolate all 200/240 VAC field circuits and Compact Bus power before handling.
3	Confirm the field supply is within 159 to 265 VAC at 47 to 63 Hz.
4	Label all 12 input circuits and the internally commoned return.
5	Keep the module within the documented power-supply distance rating of 8.

Matched Hardware

CONTROL ITEM	REQUIRED RECORD
Identity	1769-IM12
Physical interface	Exact Allen-Bradley 1769-IM12 nameplate and installed revision
Companion check	Documented Compact 12-Point AC Input Module system position and companion hardware
Configuration	Labeled field, power, communication and grounding connections
Functional proof	Saved configuration plus a controlled functional-test record

Related Products on Apter Power

MODEL	APTER POWER PAGE
Allen Bradley 1336-QOUT-SP19A	View Allen Bradley 1336-QOUT-SP19A
Allen Bradley 1336T-LM1EN	View Allen Bradley 1336T-LM1EN
Allen Bradley 1336T-LM1EN-74103-015-52A-297346	View Allen Bradley 1336T-LM1EN-74103-015-52A-297346
Allen Bradley 1361-NO61-2-5	View Allen Bradley 1361-NO61-2-5
Allen Bradley 1426-M5E-DNT	View Allen Bradley 1426-M5E-DNT

Wiring and Interface Checks

CHECK	MODEL-SPECIFIC REQUIREMENT
Identity	Record Allen-Bradley 1769-IM12 and the installed revision exactly.
I/O family	Verify the documented value: Bulletin 1769 Compact I/O.
Input points	Verify the documented value: 12.
Connections	Label every installed interface, common, shield and protective-ground connection.
Configuration	Back up and restore the model-specific settings, mappings and approved limits.
Functional proof	Test the complete Compact 12-Point AC Input Module function under a controlled maintenance state.

CONFIGURATION BOUNDARY

Use only the complete Allen-Bradley 1769-IM12 identity and the current manufacturer documentation. Verify the installed revision, companion hardware, wiring and saved configuration before replacement or release.

Expected Technical Values

PARAMETER	VALUE
I/O family	Bulletin 1769 Compact I/O
Input points	12
Voltage category	200/240 VAC
Operating range	159 to 265 VAC, 47 to 63 Hz

Related Products on Apter Power

MODEL	APTER POWER PAGE
Allen Bradley 1492-ACABLE010TB	View Allen Bradley 1492-ACABLE010TB
Allen Bradley 150-C30NBR	View Allen Bradley 150-C30NBR

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	The complete 1769-IM12 marking and revision agree with the engineering record.
Compatibility	System position, companion hardware and interfaces match the manufacturer documentation.
Configuration	Saved values, channel mappings and protection limits are restored without unexplained change.
Functional proof	Diagnostics and the model-specific controlled test pass without unexplained fault.

Model-Specific Questions

QUESTION	ENGINEERING ANSWER
What is Allen-Bradley 1769-IM12?	It is a Bulletin 1769 Compact I/O module with 12 inputs for 200/240 VAC circuits.
What operating range applies to Allen-Bradley 1769-IM12?	The installation instructions specify 159 to 265 VAC at 47 to 63 Hz.
How are Allen-Bradley 1769-IM12 inputs grouped?	Inputs 0 through 11 form one input group with common terminals connected internally.
What signal delay is specified for Allen-Bradley 1769-IM12?	The maximum on-delay and off-delay are each 20 ms.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Allen Bradley 150-F135NBDB	View Allen Bradley 150-F135NBDB
Allen Bradley 1503VC-BMC4	View Allen Bradley 1503VC-BMC4
Allen Bradley 1503VC-BMC5	View Allen Bradley 1503VC-BMC5
Allen Bradley 1503VC-BMC5-MC1	View Allen Bradley 1503VC-BMC5-MC1
Allen Bradley 1715-TASOF8	View Allen Bradley 1715-TASOF8

FAQ, Source and Controlled Release

QUESTION	ENGINEERING ANSWER
What is the power-supply distance rating for Allen-Bradley 1769-IM12?	The published distance rating is 8 modules.
What must be preserved before replacing Allen-Bradley 1769-IM12?	Preserve all twelve line-voltage assignments, common wiring, controller map and input logic.
What confirms successful commissioning of Allen-Bradley 1769-IM12?	Correct controller state for every energized and de-energized input, with normal isolation and no fault, confirms release.

MANUFACTURER SOURCE RECORDS

Rockwell Automation 1769-IM12 Installation Instructions - 1769-IN011B-EN-P, input specifications
Rockwell Automation 1769 Compact I/O Modules Specifications - 1769-TD006H-EN-P

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	1769-IM12 recorded
Interface	Connections and companion hardware verified
Configuration	Installed values agree with approved record
Functional proof	Controlled test completed without unexplained fault

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