ProSoft 2150-AGA 1747-KE

Complete Product Information

ProSoft 2150-AGA 1747-KE is an SLC 500 module with a ProSoft 2150-AGA application label on Allen-Bradley 1747-KE hardware. Retain both identities when matching the installed application.

Operating context

The main label identifies an SLC 500 DH485/RS232C interface module, catalog 1747-KE, Series C, with FRN 4 printed on that label. A separate ProSoft Technology label identifies 2150-AGA (622E). The base FRN marking belongs to the Allen-Bradley label and should not be treated as the ProSoft application firmware revision. Both labels are necessary to distinguish this offered assembly from an ordinary 1747-KE module.

The standard 1747-KE design draws both 5 V DC and 24 V DC from the SLC backplane and provides CONFIG, DF1 and DH-485 interface positions. Its CONFIG and DF1 electrical modes are jumper selected; the DH-485 connection is non-isolated. These hardware relationships help identify the chassis and connector arrangement, while the ProSoft application determines the usable protocol behavior, controller data map and configuration procedure.

The manufacturer-hosted SIMT report 200303-3-601365 includes 2150-AGA within the AFC family covered by its turbine-flow calculation software assessment. That scope concerns calculation software accuracy, rather than the wiring or firmware identity of the photographed unit. Preserve the installed application program, calculation configuration and communication records together; a matching 1747-KE base label alone does not establish application equivalence.

Identity and technical snapshot

Manufacturer / application label	ProSoft Technology
Complete offered marking	2150-AGA 1747-KE
Application label	2150-AGA (622E), as photographed
Base hardware marking	Allen-Bradley 1747-KE
Platform marking	SLC 500
Base hardware series	C, as photographed
Base FRN marking	4, as photographed; separate from ProSoft application firmware
Base interface designation	DH485/RS232C INTERFACE MODULE
Hardware-reference publication	1747-UM005B-EN-P, March 2006
Base power architecture	5 V DC and 24 V DC from the SLC backplane

02 Integration and precautions

SLC 500 application maintenance

Match both module identities and preserve the existing controller program, application revision and slot assignment.

Flow-computation system review

Use the 2150-AGA application reference when reviewing an AFC installation; establish the actual calculation configuration from the installed project.

Base-hardware identification

Compare the 1747-KE Series C label, board arrangement, connectors and jumper positions with the removed assembly.

Controlled spare assessment

Keep application firmware and configuration evidence with the spare so hardware similarity is not mistaken for a validated replacement.

Retain both identities

Record the ProSoft application label and the full Allen-Bradley base label. Do not substitute a standard 1747-KE solely because its housing matches.

Preserve the application

Back up the installed controller program and application configuration before removal. Do not load standard 1747-KE firmware or reset defaults as a diagnostic shortcut.

Isolate before handling

Remove chassis power before inserting or removing the SLC module. Use the site isolation procedure for connected field circuits and process consequences.

Control electrostatic discharge

Handle the assembly by its enclosure and use suitable ESD precautions. Protect the exposed board, memory components and connector contacts.

Record jumpers and cabling

Photograph the existing jumper positions and cable labels before disconnection. Apply the ProSoft application procedure rather than assuming the standard 1747-KE mode settings.

Protect retained configuration

The photographed assembly includes a battery. Establish the correct retention and service procedure before disconnecting it, then validate the complete application before release.

03 Technical questions and decisions

Why does 2150-AGA 1747-KE carry two manufacturer labels?

The supplied photograph shows a ProSoft 2150-AGA application label on an Allen-Bradley 1747-KE base module. Retain both identities because the application and base hardware describe different aspects of the assembly.

Does the FRN 4 label identify the ProSoft firmware in 2150-AGA 1747-KE?

No. FRN 4 appears on the Allen-Bradley 1747-KE label. It must not be used as the ProSoft application firmware revision without matching application records.

Can a standard 1747-KE replace 2150-AGA 1747-KE directly?

A matching base catalog number does not establish application equivalence. Compare the ProSoft firmware, controller data map, calculation settings and installed program before approving a replacement.

What power architecture does the base hardware of 2150-AGA 1747-KE use?

The standard 1747-KE base design requires both 5 V DC and 24 V DC from the SLC backplane. Review the actual assembled-module load and any connected link-coupler supply when assessing the chassis power budget.

Are the base serial modes of 2150-AGA 1747-KE software-only settings?

The 1747-KE base design uses hardware jumpers for CONFIG and DF1 electrical interface selection. Preserve the photographed installed positions and use the applicable ProSoft configuration procedure before changing them.

Is the DH-485 connection on the base hardware of 2150-AGA 1747-KE isolated?

The standard 1747-KE DH-485 port is non-isolated. Assess the installed coupling, cable arrangement and grounding separately; this hardware reference does not establish the ProSoft application protocol.

What does the turbine-flow test reference establish for 2150-AGA 1747-KE?

SIMT report 200303-3-601365 includes 2150-AGA in the AFC software family and limits its assessment to turbine-flow calculation software accuracy. It does not identify the firmware or wiring of the particular offered assembly.

Why should the battery on 2150-AGA 1747-KE remain connected during identification?

The photographed board contains a battery, while the base-module design uses battery-backed configuration retention. Establish the applicable ProSoft retention procedure and secure the installed configuration before disconnecting or servicing it.

04 Lifecycle, support and offered unit

Lifecycle status

2150-AGA 1747-KE: A current manufacturing and support phase for this complete ProSoft dual-label assembly has not been established. The Allen-Bradley base-hardware identity is separate from the ProSoft application lifecycle.

Application reference: The manufacturer-hosted SIMT report 200303-3-601365 includes 2150-AGA in its AFC turbine-flow software scope. It is a calculation-software test report, not a lifecycle or continued-support declaration.

Request current support and replacement guidance from ProSoft using both labels, the application revision and the installed SLC program. Apter Power availability is confirmed separately from manufacturer support status.

Related ProSoft references

Portfolio navigation only; no compatibility or substitution is implied.

ProSoft MVI71-AFC	View product
ProSoft MVI69-ADMNET	View product
ProSoft MVI94-ADM	View product
ProSoft PTQ-PDPMV1	View product

Keep the two revision records

Store the Allen-Bradley Series C / FRN 4 label separately from the ProSoft 2150-AGA application identity. The photograph establishes the labels present on the supplied unit; it does not identify the contents of the installed memory.

Available unit details

ProSoft 2150-AGA 1747-KE. Condition: New, original product. Confirm the complete module assembly, enclosure, connector accessories and any cables individually in the quotation.

Technical reference

Allen-Bradley DH-485/RS-232C Interface Module User Manual, 1747-UM005B-EN-P, March 2006; supplied dual-label product photograph

The photograph identifies ProSoft 2150-AGA on 1747-KE Series C hardware. The Allen-Bradley manual is a base-hardware reference; its standard firmware menus and DF1 behavior do not establish the ProSoft application configuration.

Discuss the complete offered reference

Send label photos, quantity and the installed application reference. Condition: New, original product.

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