Allen-Bradley
by ROCKWELL AUTOMATION

Rockwell Automation

Installation Instructions
Original Instructions

Contents

POINT I/O ControlNet Adapter

Catalog Numbers 1734-ACNR, 1734-ACNRK
Catalog numbers with the suffix ‘K’ are conformal coated and their specifications are the same as non-conformal coated catalogs.

Summary of Changes

This publication contains the following new or updated information. This list includes substantive updates only and is not intended to reflect all changes.

Topic	Page
Updated General Specifications	9
Updated Certifications	11
Updated Additional Resources	11

POINT I/O ControlNet Adapter Installation Instructions

ATTENTION: Read this document and the documents listed in the Additional Resources section about installation, configuration and operation of this equipment before you install, configure, operate or maintain this product. Users are required to familiarize themselves with installation and wiring instructions in addition to requirements of all applicable codes, laws, and standards.

Activities including installation, adjustments, putting into service, use, assembly, disassembly, and maintenance are required to be carried out by suitably trained personnel in accordance with applicable code of practice. If this equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.

ATTENTION: To comply with the CE Low Voltage Directive (LVD), this equipment must be powered from a source compliant with the Safety Extra Low Voltage (SELV) or Protected Extra Low Voltage (PELV).

WARNING:

- Secure any external connections that mate to this equipment by using screws, sliding latches, threaded connectors, or other means provided with this product.
- Do not disconnect equipment unless power has been removed or the area is known to be nonhazardous.

Prevent Electrostatic Discharge

ATTENTION: This equipment is sensitive to electrostatic discharge, which can cause internal damage and affect normal operation. Follow these guidelines when you handle this equipment:

- Touch a grounded object to discharge potential static.
- Wear an approved grounding wriststrap.
- Do not touch connectors or pins on component boards.
- Do not touch circuit components inside the equipment.
- Use a static-safe workstation, if available.
- Store the equipment in appropriate static-safe packaging when not in use.

Environment and Enclosure

ATTENTION: This equipment is intended for use in a Pollution Degree 2 industrial environment, in overvoltage Category II applications (as defined in EN/IEC 60664-1), at altitudes up to 2000 m (6562 ft) without derating.
This equipment is not intended for use in residential environments and may not provide adequate protection to radio communication services in such environments.
This equipment is supplied as open-type equipment for indoor use. It must be mounted within an enclosure that is suitably designed for those specific environmental conditions that will be present and appropriately designed to help prevent personal injury resulting from accessibility to live parts. The enclosure must have suitable flame-retardant properties to help prevent or minimize the spread of flame, complying with a flame spread rating of 5VA or be approved for the application if nonmetallic. The interior of the enclosure must be accessible only by the use of a tool. Subsequent sections of this publication may contain more information regarding specific enclosure type ratings that are required to comply with certain product safety certifications.
In addition to this publication, see the following:

- Industrial Automation Wiring and Grounding Guidelines, publication 1770-4.1, for additional installation requirements.
- NEMA Standard 250 and EN/IEC 60529, as applicable, for explanations of the degrees of protection provided by enclosures.

North American Hazardous Location Approval
The Following Information Applies When Operating This Equipment In Hazardous Locations.
Products marked “CL I, DIV 2, GP A, B, C, D” are suitable for use in Class I Division 2 Groups A, B, C, D, Hazardous Locations and nonhazardous locations only. Each product is supplied with markings on the rating nameplate indicating the hazardous location temperature code. When combining products within a system, the most adverse temperature code (lowest “T” number) may be used to help determine the overall temperature code of the system. Combinations of equipment in your system are subject to investigation by the local Authority Having Jurisdiction at the time of installation.

WARNING:
Explosion Hazard –

- Do not disconnect equipment unless power has been removed or the area is known to be nonhazardous.
- Do not disconnect connections to this equipment unless power has been removed or the area is known to be nonhazardous. Secure any external connections that mate to this equipment by using screws, sliding latches, threaded connectors, or other means provided with this product.
- Substitution of components may impair suitability for Class I Division 2.

UK and European Hazardous Location Approval
The following applies to products marked Ⓔx II 3 G:

- Are intended for use in potentially explosive atmospheres as defined by UKEX regulation 2016 No. 1107 and European Union Directive 2014/34/EU and has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of Category 3 equipment intended for use in Zone 2 potentially explosive atmospheres, given in Schedule 1 of UKEX and Annex II of this Directive.
- Compliance with the Essential Health and Safety Requirements has been assured by compliance with EN IEC 60079-7, and EN IEC 60079-0.
- Are Equipment Group II, Equipment Category 3, and comply with the Essential Health and Safety Requirements relating to the design and construction of such equipment given in Schedule 1 of UKEX and Annex II of EU Directive 2014/34/EU. See the UKEx and EU Declaration of Conformity at **rok.auto/certifications** for details.
- The type of protection is Ex ec IIC T4 Gc according to EN IEC 60079-0:2018, EXPLOSIVE ATMOSPHERES – PART 0: EQUIPMENT – GENERAL REQUIREMENTS, Issue Date 07/ 2018, and CENELEC ENIEC 60079-7:2015+A1:2018, Explosive tmospheres. Equipment protection by increased safety “e”.
- Comply with Standard EN IEC 60079-0:2018, EXPLOSIVE ATMOSPHERES – PART 0: EQUIPMENT – GENERAL REQUIREMENTS, Issue Date 07/2018, CENELEC EN IEC 60079- 7:2015+A1:2018 Explosive atmospheres. Equipment protection by increased safety “e”, reference certificate number DEMKO 04 ATEX 0330347X and UL22UKEX2478X.
- Are intended for use in areas in which explosive atmospheres caused by gases, vapors, mists, or air are unlikely to occur, or are likely to occur only infrequently and for short periods. Such locations correspond to Zone 2 classification according to UKEX regulation 2016 No. 1107 and ATEX directive 2014/34/EU.
- May have catalog numbers followed by a “K” to indicate a conformal coating option.

IEC Hazardous Location Approval
The following applies to products marked with IECEx certification:

- Are intended for use in areas in which explosive atmospheres caused by gases, vapors, mists, or air are unlikely to occur, or are likely to occur only infrequently and for short periods. Such locations correspond to Zone 2 classification to IEC 60079-0.
- The type of protection is Ex eC IIC T4 Gc according to IEC 60079-0 and IEC 60079-7.
- Comply with Standards IEC 60079-0, Explosive atmospheres – Part 0: Equipment – General requirements, Edition 7, Revision Date 2017 and IEC 60079-7, 5.1 Edition revision date 2017, Explosive atmospheres – Part 7: Equipment protection by increased safety “e”, reference IECEx certificate number IECEx UL 20.0072X.
- May have catalog numbers followed by a “K” to indicate a conformal coating option.

⚠ WARNING: Special Conditions for Safe Use

- This equipment is not resistant to sunlight or other sources of UV radiation.
- This equipment shall be mounted in an UKEX/ATEX/IECEx Zone 2 certified enclosure with a minimum ingress protection rating of at least IP54 (in accordance with EN/IEC 60079-0) and used in an environment of not more than Pollution Degree 2 (as defined in EN/IEC 60664-1) when applied in Zone 2 environments. The enclosure must be accessible only by the use of a tool.

- This equipment shall be used within its specified ratings that are defined by Rockwell Automation.
- Transient protection shall be provided that is set at a level not exceeding 140% of the peak rated voltage at the supply terminals to the equipment.
- The instructions in the user manual shall be observed.
- This equipment must be used only with UKEX/ATEX/IECEx certified Rockwell Automation backplanes.
- Earthing is accomplished through mounting of modules on rail.
- Devices shall be used in an environment of not more than Pollution Degree 2.
- The secondary of a current transformer shall not be open-circuited when applied in Class I, Zone 2 environments.

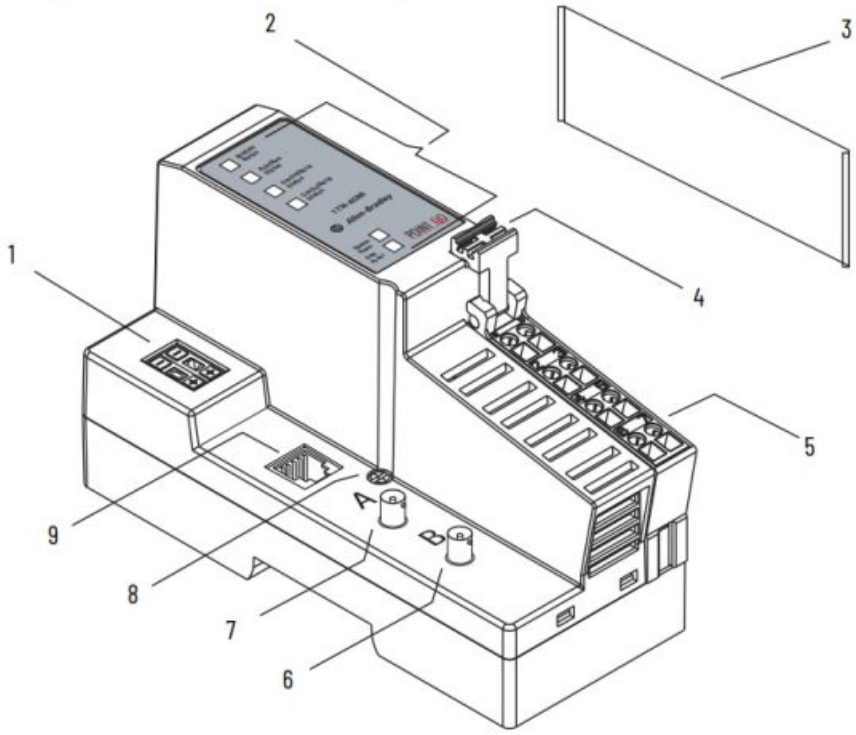
ATTENTION:

- If this equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.
- Read this document and the documents listed in the Additional Resources section about installation, configuration, and operation of this equipment before you install, configure, operate, or maintain this product. Users are required to familiarize themselves with installation and wiring instructions in addition to requirements of all applicable codes, laws, and standards.
- Installation, adjustments, putting into service, use, assembly, disassembly, and maintenance are required to be carried out by suitably trained personnel in accordance with applicable code of practice. In case of malfunction or damage, no attempts at repair should be made. The module should be returned to the manufacturer for repair. Do not dismantle the module.
- This equipment is certified for use only within the surrounding air temperature range of -20…+55 °C (-4…+131 °F). The equipment must not be used outside of this range.
- Use only a soft dry anti-static cloth to wipe down equipment. Do not use any cleaning agents.

About the Adapter

The POINT I/O™ ControlNet® adapter is a communications interface for POINT I/O modules. The adapter provides an interface for controlling and communicating with POINT
I/O modules from a ControlNet network.
See Figure 1 to identify the external features of the adapter.

Figure 1 - POINT I/O ControlNet Adapter



	Description
1	Node address thumbwheel
2	Status indicators
3	Safety end cap
4	Removable Terminal Block (RTB) removable handle
5	RTB

6	Coaxial channel B
7	Coaxial channel A
8	DIN rail locking screw (orange)
9	Network Address Port (NAP)

⚠ **ATTENTION:** This product is grounded through the DIN rail to chassis ground. Use zinc-plated chromate-passivated steel DIN rail to ensure proper grounding. The use of other DIN rail materials (for example, aluminum or plastic) that can corrode, oxidize, or are poor conductors, can result in improper or intermittent grounding. Secure DIN rail to mounting surface approximately every 200 mm (7.8 in.) and use end-anchors appropriately. Be sure to ground the DIN rail properly. See Industrial Automation Wiring and Grounding Guidelines, Rockwell Automation publication 1770-4.1, for more information.

Before You Begin

To use your adapter effectively, note the following considerations.

- **Understand Messaging**

Class 3 (Explicit Message) requests through the 1734-ACNR or 1734-ACNRK adapter to a specific POINT I/O module may not always receive a response from the I/O module. In the case where the I/O module does not reply to the request, the adapter responds with an error code indicating a timeout.

- **Establish I/O Connections**

  When you power up a POINT I/O system and establish I/O connections, the outputs transition to the Idle state, applying Idle state data before going to RUN mode.

  This occurs even when the controller making the connection is already in RUN mode.

- **Configure Autobaud**

  The adapter cannot reconfigure an I/O module that you previously configured to operate at a fixed baud rate. When you reuse a POINT I/O module from another POINT I/O system, configure the module to autobaud before using it with the 1734-ACNR or 1734-ACNRK adapter.

Install the ControlNet Adapter

⚠ **ATTENTION:** You must use series C POINT I/O modules with the 1734-ACNR or 1734-ACNRK adapter. Series A and B POINT I/O modules will not work with the 1734-ACNR or 1734-ACNRK adapter.

To install the adapter on the DIN rail before installing other base units, proceed as follows:

1. Position the adapter vertically above the DIN rail.
2. Press down firmly to install the adapter on the DIN rail.

   The locking mechanism locks the adapter to the DIN rail.
3. Set the node address on the node address thumbwheel.

   ⚠ **WARNING:** When you insert or remove the module while backplane power is on, an electric arc can occur. This could cause an explosion in hazardous location installations.

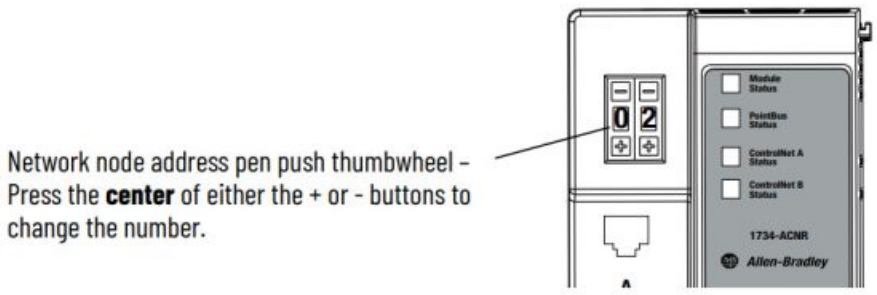
   Be sure that power is removed or the area is nonhazardous before proceeding. Repeated electrical arcing causes excessive wear to contacts on both the module and its mating connector. Worn contacts may create electrical resistance that can affect module operation.
4. Remove the safety end cap by sliding it up. This exposes the backplane and power interconnections.

⚠ **ATTENTION:** Do not discard the end cap. Use this end cap to cover the exposed interconnections on the last mounting base on the DIN rail. Failure to do so could result in equipment damage or injury from electric shock.

Set the Node Address

Set the node address using the 2-position thumbwheel switch. Valid settings range from 01…99. Press the + or – buttons to change the number.

Network Node Address Thumbwheel



WARNING: When you change switch settings while power is on, an electric arc can occur. This could cause an explosion in hazardous location installations. Be sure that power is removed or the area is nonhazardous before proceeding.

Install a Replacement ControlNet Adapter to an Existing System

ATTENTION: You must use series C POINT I/O modules with the 1734-ACNR or 1734-ACNRK adapter. Series A and B POINT I/O modules does not work with the 1734-ACNR or 1734-ACNRK adapter.

WARNING: When you connect or disconnect the RTB with field side power applied, an electric arc can occur. This could cause an explosion in hazardous location installations.
Be sure that power is removed or the area is nonhazardous before proceeding.

Remove the existing adapter from the DIN rail as follows:

1. Disconnect the ControlNet connector from the adapter.
2. Pull up on the RTB removal handle to remove the RTB.
3. Remove the adjacent module from its base.
4. Use a small bladed screwdriver to rotate the DIN rail locking screw to a vertical position. This releases the locking mechanism.
5. Lift straight up to remove.

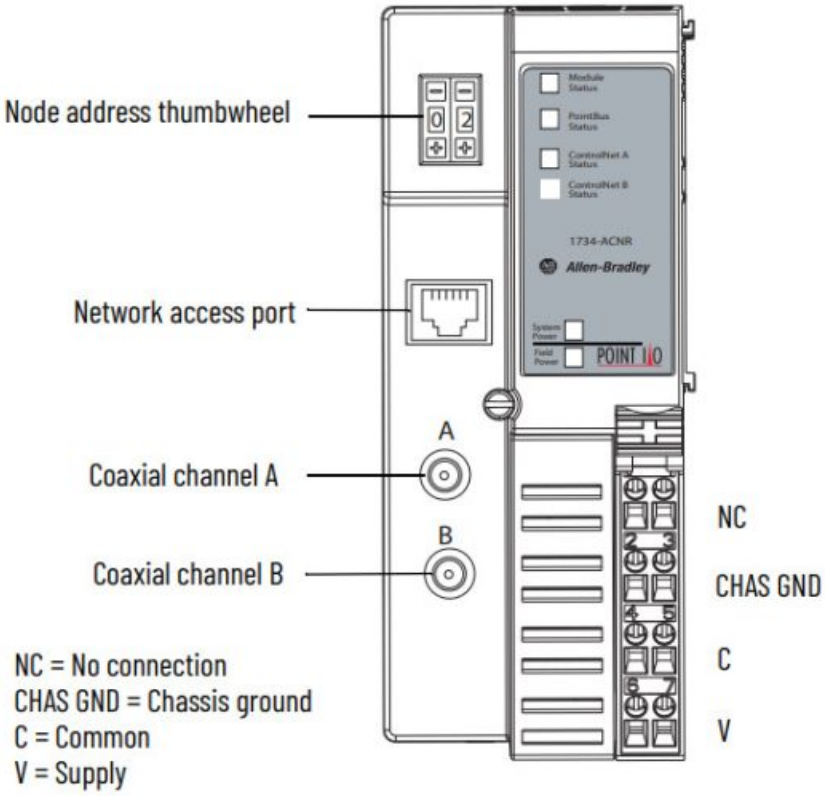
Install the replacement adapter on the DIN rail as follows:

1. Remove the safety end cap on the replacement adapter by sliding it up. This exposes the backplane and power connections.
2. Position the replacement adapter vertically above the DIN rail.
   Verify that the DIN rail lock is in the horizontal position.
3. Slide the adapter down so that the interlocking side pieces engage the adjacent module.
4. Press firmly to seat the adapter on the DIN rail.
   The adapter locking mechanism snaps into place.
5. Set the node address on the node address thumbwheel.
6. Insert the end opposite the handle into the base unit.
   This end has a curved section that engages with the wiring base.
7. Rotate the RTB into the wiring base until it locks itself into place.
8. Replace the adjacent module in its base.
9. Connect the ControlNet cable to the adapter.
   Use a tap to connect the adapter to the ControlNet cable. Do not directly connect the adapter to the coax cable.

Wire the ControlNet Adapter

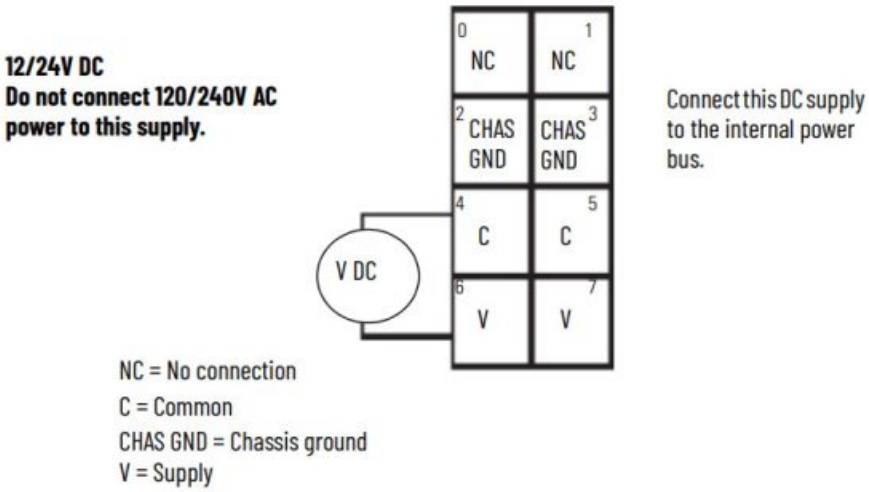
To wire the adapter, see the diagrams and tables.

Figure 2 - Adapter Wiring



WARNING: The NAP port is intended for temporary local programming purposes only and requires the use of a 1786-CP cable assembly. The NAP is not intended for permanent connection.
If you connect or disconnect the NAP cable with power applied to this module or any device on the USB network, an electric arc can occur. This could cause an explosion in hazardous location installations. Be sure that power is removed or the area is nonhazardous before proceeding.

Figure 3 - 12/24V DC Wiring



ATTENTION: Do not wire more than 2 conductors on any single terminal.

WARNING: If you connect or disconnect wiring while the field-side power is on, an electric arc can occur. This could cause an explosion in hazardous location installations. Be sure that power is removed or the area is nonhazardous before proceeding.

Interpret the Status Indicators

Figure 4 and Table 1 show the status indicators to troubleshoot your adapter.
Figure 4 – Status Indicators for 1734-ACNR and 1734-ACNRK Adapters

Figure 4 - Status Indicators for 1734-ACNR and 1734-ACNRK Adapters

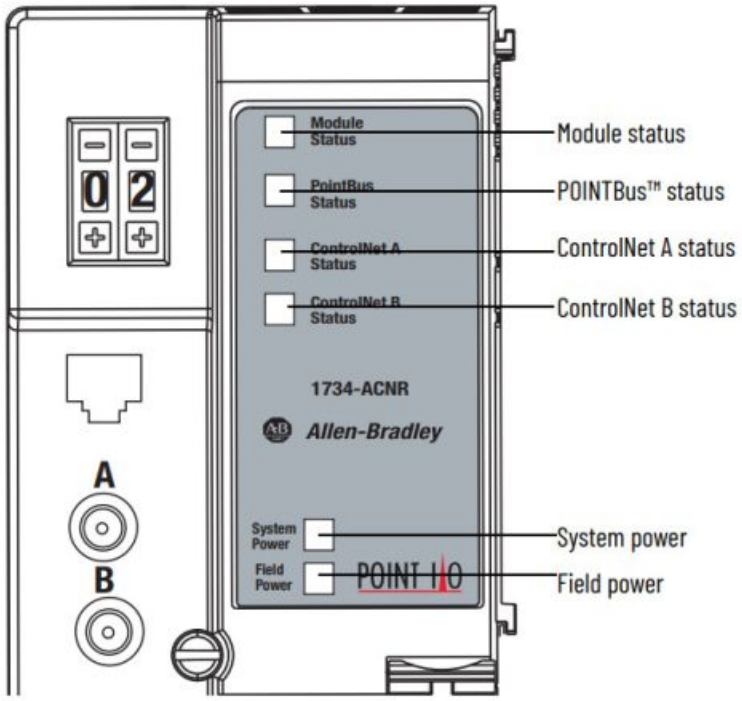


Table 1 – Interpret the Status Indicators

Indicator	Status	Description
Field power	Off	Not active Field power is off.
	Green	Power is on. 24V is present.
System power	Off	Not active Field power is off. DC-DC converter problem exists.
	Green	System power is on. DC-DC converter is active (5V).
Module status	Off	No power is applied to the device.
	Alternating red/green	LED powerup test (module self-test) is in progress.
	Flashing red	A recoverable fault has occurred: • Firmware (NVS) update • MAC ID changed • CPU load exceeded
	Steady red	An urecoverable fault has occurred: • Self test failure (checksum failure at powerup, ramtest failure at powerup) • Firmware fatal error
	Flashing green	Waiting for connection or a ControlNet cable break is present
	Steady green	The module is operating correctly (normal mode).
ControlNet A/B status Viewed together	Both steady off	Reset, no power, or entire network interface is deactivated.
	Alternating red/green	The module is in self test mode.
	Alternating red/off	Bad or invalid node configuration (such as duplicate MAC ID) is present.
	Both steady red	Failed link interface has occurred.
ControlNet A/B status Viewed individually	Steady off	The channel is disabled or the channel is not supported.
	Flashing red/green	Invalid link configuration
	Flashing red/off	Severe link error – Link has faulted or no MAC frames is received.
	Flashing green/off	A temporary channel error has occurred or in listen-only mode.
	Steady green	Normal operation – MAC frames are being received without detected errors.

POINTBus status	Off	The device is not powered. Check the module status indicator.
	Alternating red/green	LED power up test in progress.
	Flashing red	A recoverable fault has occurred:] • The number of expected modules does not equal the number of modules present at power up. • A module is missing. • Node fault occurred (I/O connection timeout).
	Red	An unrecoverable fault has occurred: • The adapter is bus off. • The adapter has failed its duplicate MAC ID check.
	Flashing green	The adapter is online with no connections established: • The adapter chassis size has not been configured. • The controller is in Program/Idle mode. • There is a ControlNet cable break.
	Green	The adapter is online with connections established (normal operation, in run mode).

Specifications

POINT I/O ControlNet Adapter – 1734-ACNR, 1734-ACRNK

Attribute	Value
Number of nodes, max	1
Module location	Starter module – Left side of POINT I/O system
Input voltage rating, nom	24V DC
Input voltage rating range	10…28.8V DC
Isolation voltage	50V (continuous), Basic insulation type Type tested at 750V AC for 60 s, comm to system, user power to system, user power to comm, and all circuits to chassis ground.

General Specifications

Attribute	Value
Dimensions (HxWxD), approx.	76.2 x 54.9 x 133.4 mm (3.0 x 2.16 x 5.25 in.)
Weight, approx.	255 g (9 oz)
Network name	ControlNet
Termination type	None
Electronic protection	No
Diagnostics	No
Enclosure type rating	None (open-style)

Platform/processor compatibility	1747, 1756, 1761, 1762, 1764, 1789, 1794
Communication interface type	Adapter
Device type	Communication interface
Input byte capacity	248
Output byte capacity	248
Power supply 24V current load	425 mA
Field-side power requirements max	24V DC (+20% = 28.8V DC) @ 425 mA
Interruption protection	The output voltage stays within specifications when the input drops out f or 10 ms at 10V with max load.
Field power bus, nominal voltage	24V DC
Field power bus, supply voltage rang e	10…28.8V DC
Field power bus, supply current, max	10 A
Operating voltage range	10. 28.8V DC
Wire size Power wiring(1)	0.25…2.5 mm^2 (22…14 AWG) solid or stranded copper wire rated at 75 °C (167 °F), or greater. 1.2 mm (3/64 in.) insulation max
Wire category(2)	1 on power ports 2 on communications ports
Terminal base screw torque	0.6 N•m (7 lb•in)
POINTBus output current, max	1 A @ 5V DC +5% (4.75…5.25V DC)
Input overvoltage protection	Reverse polarity protected
Power consumption	10.2 W @ 28.8V DC
Power dissipation, max	5.0 W @ 28.8V
Thermal dissipation, max	16.9 BTU/hr @ 28.8V DC
North American temp code	T4A
UKEX/ATEX temp code	T4
IECEx temp code	T4

(1) For information on ControlNet wire size, see ControlNet Coax Media Planning and Installation Guide Installation Instructions, publication **CNET-IN002**.
(2) Use this Conductor Category information for planning conductor routing. See Industrial Automation Wiring and Grounding Guidelines, publication **1770-4.1**.

Power Supply

Attribute	Value
Input voltage rating, nom	24V DC
Input voltage range	10…28.8V DC
Field-side power requirements, max	24V DC (+20% = 28.8V DC) @ 425 mA
Inrush current, max	6 A for 10 ms
Interruption	The output voltage stays within specifications when the input drops out f or 10 ms at 10V with max load.

1734-ACNR, 1734-ACNRK Communication Interface

Attribute	Value			
Expansion I/O c apacity	Up to 17 modules, dependent on backplane bus current draw (17 X 75 mA = 1.275 A, just un der the limit of 1.3 A). The actual number of modules can vary. Add up the current requirements of the modules you want to use to make sure they do not ex ceed the amperage limit of the 1734-ACNR or 1734-ACNRK adapter.			
Expansion I/O capacity	**Catalog Number** 1734-IB2 1734-IB4 1734-IB4D 1734-IB8 1734-IB2 1734-IB4 1734-IB4D 1734-IB8 1734-IV2 1734-IV4 1734-IV8 1734-OB2 1734-OB4 1734-OB8 1734-OB2E 1734-OB2EP 1734-OB4E 1734-OB8E 1734-OV2E 1734-OV4E 1734-OV8E 1734-OW2	**POINTBus Current Requirements** 75 mA 75 mA 50 mA 75 mA 75 mA 75 mA 50 mA 75 mA 75 mA 75 mA 75 mA 75 mA 75 mA 75 mA 75 mA 75 mA 75 mA 75 mA 75 mA 80 mA	**Catalog Number** 1734-OW4 1734-OX2 1734-IE2C 1734-OE2C 1734-IE2V 1734-OE2V 1734-IA2 1734-IA4 1734-IM2 1734-IM4 1734-OA2 1734-OA4 1734-IJ 1734-IK 1734-IR2 1734-IR2E 1734-IT2I 1734-SSI 1734-VHSC5 1734-VHSC24 1734-232ASC 1734-485ASC	**POINTBus Current Requirements** 80 mA 100 mA 75 mA 75 mA 75 mA 75 mA 75 mA 75 mA 75 mA 75 mA 75 mA 75 mA 75 mA 75 mA 160 mA 160 mA 220 mA 220 mA 175 mA 110 mA 180 mA 180 mA 75 mA 75 mA
Communication rate max	128K bit/s (500 m) 250K bit/s (250 m) 500K bit/s (100 m)			

Environmental Specifications

Attribute	Value
Temperature, operating	IEC 60068-2-1 (Test Ad, operating cold), IEC 60068-2-2 (Test Bd, operating dry heat), IEC 60068-2-14 (Test Nb, operating thermal shock) -20 °C ≤ Ta ≤ +55 °C (-4 °F ≤ Ta ≤ +131 °F)
Temperature, nonoperating	IEC60068-2-1 (Test Ab, unpackaged nonoperating cold) IEC60068-2-2 (Test Bb, unpackaged nonoperating dry heat) IEC60068-2-14 (Test Na, unpackaged nonoperating thermal shock) -40…+85 °C (-40…+185 °F)
Temperature, surrounding air, max	55 °C (131 °F)
Relative humidity	IEC60068-2-30 (Test Db, unpackaged damp heat) 5…95% noncondensing
Vibration	IEC 60068-2-6 (Test Fc, operating): 5 g @ 10…500 Hz
Shock, operating	IEC60068-2-27 (Test Ea, unpackaged shock): 30 g
Shock, nonoperating	IEC60068-2-27 (Test Ea, unpackaged shock): 50 g
Emissions	IEC 61000-6-4
ESD immunity	IEC6100-4-2: 6 kV contact discharges 8 kV air discharges
Radiated RF immunity	IEC 61000-4-3: 10V/m with 1 kHz sine-wave 80% AM from 80…6000 MHz
EFT/B immunity	IEC 61000-4-4: ±4 kV at 2.5 kHz on power ports ±2 kV at 5 kHz on communications ports
Surge transient immunity	IEC 61000-4-5: ±1 kV line-line(DM) and ±2 kV line-earth(CM) on power ports ±2 kV line-earth(CM) on communications ports
Conducted RF immunity	IEC61000-4-6 10V rms with 1 kHz sine-wave 80%AM from 150 kHz…80 MHz

Certifications

Certification (when product is marked)(1)	Value
c-UL-us	UL Listed Industrial Control Equipment, certified for US and Canada. See UL File E65584. UL Listed for Class I Division 2 Group A,B,C,D Hazardous Locations, certified for U.S. and Canada. See UL File E194810.
UK and CE	UK Statutory Instrument 2016 No. 1091 and European Union 2014/30/EU EMC Directive, compliant with: EN 61326-1; Measurement/Control/Laboratory use, Industrial requirements EN 61000-6-2; Industrial Immunity EN 61000-6-4; Industrial Emissions EN 61131-2; Programmable Controllers (Clause 8, Zone A & B) UK Statutory Instrument 2012 No. 3032 and European Union 2011/65/EU RoHS, compliant with: EN IEC 63000; Technical documentation
RCM	Australian Radiocommunications Act, compliant with: AS/NZS CISPR 11; Industrial Emissions
Ex	UK Statutory Instrument 2016 No. 1107 and European Union 2014/34/EU ATEX Directive, compliant with: EN IEC 60079-0; General Requirements EN IEC 60079-7; Explosive Atmospheres, Protection “e” II 3 G Ex ec IIC T4 Gc DEMKO 04 ATEX 0330347X UL22UKEX2478X
IECEx	IECEx System, compliant with: IEC 60079-0; General Requirements IEC 60079-7; Explosive Atmospheres, Protection “e” II 3 G Ex ec IIC T4 Gc IECEx UL 20.0072X
KC	Korean Registration of Broadcasting and Communications Equipment, compliant with: Article 58-2 of Radio Waves Act, Clause 3
Morocco	Arrêté ministériel n° 6404-15 du 29 ramadan 1436
CCC	CNCA-C23-01 CCC Implementation Rule Explosion-Proof Electrical Products CCC: 2020122309111607
ControlNet	ControlNet International conformance tested to ControlNet specifications

(1) See the Product Certifications link at **rok.auto/certifications** for Declaration of Conformity, Certificates, and other certification details.

Additional Resources

These documents contain additional information concerning related products from Rockwell Automation. You can view or download publications at **rok.auto/literature**.

Resource	Description
POINT I/O Modules Selection Guide, publication 1734-SG001	Provides information to help you select POINT I/O adapters, I/O modules, wiring base assemblies, power supplies, and accessories, based on your requirements.
POINT I/O ControlNet Adapter User Manual, publication 1734-UM008	Describes how to install, configure, and operate the POINT I/O ControlNet adapter.
Industrial Automation Wiring and Grounding Guidelines, publication 1770-4.1	Provides general guidelines for installing a Rockwell Automation industrial system.
Product Certifications website, rok.auto/certifications	Provides declarations of conformity, certificates, and other certification details.

Rockwell Automation Support
Use these resources to access support information.

Technical Support Center	Find help with how-to videos, FAQs, chat, user forums, Knowledgebase, and product notification updates.	rok.auto/support
Local Technical Support Phone Numbers	Locate the telephone number for your country.	rok.auto/phonesupport
Technical Documentation Center	Quickly access and download technical specifications, installation instructions, and user manuals.	rok.auto/techdocs
Literature Library	Find installation instructions, manuals, brochures, and technical data publications.	rok.auto/literature
Product Compatibility and Download Center (PCDC)	Download firmware, associated files (such as AOP, EDS, and DTM), and access product release notes.	rok.auto/pcdc

Documentation Feedback

Your comments help us serve your documentation needs better. If you have any suggestions on how to improve our content, complete the form at rok.auto/docfeedback.

Waste Electrical and Electronic Equipment (WEEE)

At the end of life, this equipment should be collected separately from any unsorted municipal waste.
Rockwell Automation maintains current product environmental compliance information on its website at rok.auto/pec.
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Documents / Resources

	Allen-Bradley 1734-ACNR POINT I-O ControlNet Adapter [pdf] Installation Guide 1734-ACNR, 1734-ACNR POINT I-O ControlNet Adapter, POINT I-O ControlNet Adapter, I-O ControlNet Adapter, ControlNet Adapter, Adapter

References

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