

FLEX I/O DeviceNet Adapter Module

Catalog Numbers 1794-ADN and 1794-ADNK, Series C

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Important User Information

Solid-state equipment has operational characteristics differing from those of electromechanical equipment. Safety Guidelines for the Application, Installation and Maintenance of Solid-state Controls (Publication [SGI-1.1](#) available from your local Rockwell Automation sales office or online at <http://www.rockwellautomation.com/literature/>) describes some important differences between solid-state equipment and hard-wired electromechanical devices. Because of this difference, and also because of the wide variety of uses for solid-state equipment, all persons responsible for applying this equipment must satisfy themselves that each intended application of this equipment is acceptable.

In no event will Rockwell Automation, Inc. be responsible or liable for indirect or consequential damages resulting from the use or application of this equipment.

The examples and diagrams in this manual are included solely for illustrative purposes. Because of the many variables and requirements that are associated with any particular installation, Rockwell Automation, Inc. cannot assume responsibility or liability for actual use based on the examples and diagrams.

No patent liability is assumed by Rockwell Automation, Inc. with respect to use of information, circuits, equipment, or software described in this manual.

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Throughout this manual, when necessary, we use notes to make you aware of safety considerations.

	WARNING: Identifies information about practices or circumstances that can cause an explosion in a hazardous environment, which may lead to personal injury or death, property damage, or economic loss.
	ATTENTION: Identifies information about practices or circumstances that can lead to personal injury or death, property damage, or economic loss. Attentions help you identify a hazard, avoid a hazard and recognize the consequences.
	SHOCK HAZARD: Labels may be on or inside the equipment (for example, drive or motor) to alert people that dangerous voltage may be present.
	BURN HAZARD: Labels may be on or inside the equipment (for example, drive or motor) to alert people that surfaces may reach dangerous temperatures.
IMPORTANT	Identifies information that is critical for successful application and understanding of the product.

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 prevent personal injury resulting from accessibility to live parts. The enclosure must have suitable flame-retardant properties to prevent or minimize the spread of flame, complying with a flame spread rating of 5V A 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.





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.

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.

North American Hazardous Location Approval

The 1794-ADN and 1794-ADNK, Series C modules are Hazardous Location approved:

The Following Information Applies When Operating This Equipment In Hazardous Locations.	Informations sur l'utilisation de cet équipement en environnements dangereux.
<p>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.</p>	<p>Les produits marqués "CL I, DIV 2, GP A, B, C, D" ne conviennent qu'à une utilisation en environnements de Classe I Division 2 Groupes A, B, C, D dangereux et non dangereux. Chaque produit est livré avec des marquages sur sa plaque d'identification qui indiquent le code de température pour les environnements dangereux. Lorsque plusieurs produits sont combinés dans un système, le code de température le plus défavorable (code de température le plus faible) peut être utilisé pour déterminer le code de température global du système. Les combinaisons d'équipements dans le système sont sujettes à inspection par les autorités locales qualifiées au moment de l'installation.</p>
<div style="display: flex; align-items: center;">  <div> <p>WARNING: Explosion Hazard –</p> <ul style="list-style-type: none"> • 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. </div> </div>	<div style="display: flex; align-items: center;">  <div> <p>AVERTISSEMENT: Risque d'Explosion –</p> <ul style="list-style-type: none"> • Couper le courant ou s'assurer que l'environnement est classé non dangereux avant de débrancher l'équipement. • Couper le courant ou s'assurer que l'environnement est classé non dangereux avant de débrancher les connecteurs. Fixer tous les connecteurs externes reliés à cet équipement à l'aide de vis, loquets coulissants, connecteurs filetés ou autres moyens fournis avec ce produit. • La substitution de composants peut rendre cet équipement inadapté à une utilisation en environnement de Classe I, Division 2. </div> </div>



At the end of its life, this equipment should be collected separately from any unsorted municipal waste.



ATTENTION:

- Use only a soft dry anti-static cloth to wipe down equipment. Do not use any cleaning agents.

European Hazardous Location Approval

The following applies to products marked **CE** **Ex**

- Are intended for use in potentially explosive atmospheres as defined by 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 Annex II to this Directive.
- Compliance with the Essential Health and Safety Requirements has been assured by compliance with EN 60079-15 and EN 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 Annex II to Directive 2014/34/EU. See the EC Declaration of Conformity at <http://www.rockwellautomation.com/global/certification/overview.page> for details.
- The type of protection is Ex nA IIC T4 Gc according to EN 60079-15.
- Comply to Standards EN 60079-0:2012, EN 60079-15:2010, reference certificate number LCIE 01 ATEX 6020 X I 09; II 3G Ex nA IIC T4 Gc.
- 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 ATEX directive 2014/34/EU.
- May have catalog numbers followed by a "K" to indicate a conformal coating option.

Electrical Safety Considerations



ATTENTION: Power to this equipment and all connected I/O must be supplied from a source compliant with the following:

- SELV source approved to EN/IEC60950-1, EN/IEC61010-2-201 or EN/IEC62368-1 (ES1)
- PELV source approved to EN/IEC60950-1, EN/IEC61010-2-201 or EN/IEC62368-1 (ES1)

Note: A power source approved to a U.S.A. or Canadian version of the above listed standards is required for system approval in the U.S.A. or Canada.

ATTENTION: All wiring must comply with applicable electrical installation requirements (e.g., N.E.C. article 501-4(b)).

ATTENTION: Wire conductor and insulation ratings shall support minimum temperature rating of 85 °C (185 °F)



WARNING:

- This equipment is not resistant to sunlight or other sources of UV radiation.
- This equipment shall be mounted in an ATEX Zone 2 certified enclosure with a minimum ingress protection rating of at least IP54 (in accordance with EN 60079-15) and used in an environment of not more than Pollution Degree 2 (as defined in EN 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 defined by Rockwell Automation.
- Provision shall be made to prevent the rated voltage from being exceeded by transient disturbances of more than 140% of the peak rated voltage when applied in Zone 2 environments.
- The instructions in the user manual shall be observed.
- This equipment must be used only with ATEX certified Rockwell Automation backplanes.
- 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.
- Enclosure must be marked with the following: "Warning - Do not open when energized." After installation of equipment into the enclosure, access to termination compartments shall be dimensioned so that conductors can be readily connected.
- Earthing is accomplished through mounting of modules on rail.
- Devices shall be used in an environment of not more than Pollution Degree 2.

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.
-

Special Conditions for Safe Use



ATTENTION:

- This product is grounded through the DIN rail to chassis ground. Use zinc plated chromate-passivated steel DIN rail to assure 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. Refer to Industrial Automation Wiring and Grounding Guidelines, publication [1770-4.1](#), for more information.
 - Do not remove or replace a terminal base unit while power is applied. Interruption of the backplane can result in unintentional operation or machine motion.
 - Do not remove or replace an Adapter Module while power is applied. Interruption of the backplane can result in unintentional operation or machine motion.
 - If this equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.
 - To reduce susceptibility to noise, power analog modules and digital modules from separate power supplies.
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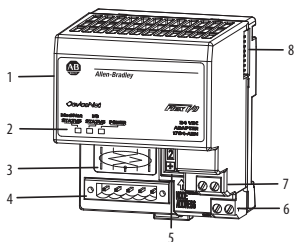


WARNING:

- If 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.
- If you connect or disconnect the communications cable with power applied to this module or any device on the 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.
- If you connect or disconnect wiring while the field side power is on, an electrical 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.
- When used in a Class I, Division 2, hazardous location, this equipment must be mounted in a suitable enclosure with proper wiring method that complies with the governing electrical codes.
- For Class I Division 2 applications, use only Class I Division 2 listed or recognized accessories and modules approved for use within the 1794 platform.

Overview

DeviceNet Adapter, Cat. No. 1794-ADN/C, and 1794-ADNK/C



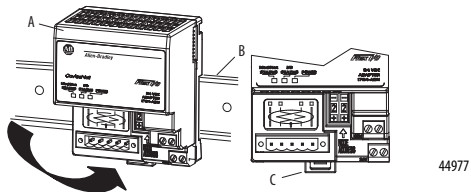
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Component Identification

1	DeviceNet Adapter Module	5	DeviceNet Node selection thumbwheel switches
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Component Identification

2	Indicators	6	+24V DC connections
3	Wiring label	7	24V common connections
4	DeviceNet network cable (plug-in, screw-secured)	8	Flexbus connector

Installing Your DeviceNet Adapter Module

ATTENTION: During mounting of all devices, be sure that all debris (metal chips, wire strands, etc.) is kept from falling into the module. Debris that falls into the module could cause damage on power up.

Mounting on a DIN rail before installing the terminal base Units

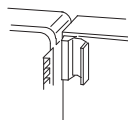
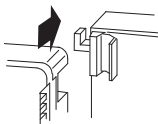
1. Position the DeviceNet adapter module (A) on an IEC standard, (35 x 7.5 x 1 mm) top-hat DIN rail (B), at a slight angle.
2. Hook the lip on the rear of the adapter onto the top of the DIN rail, and rotate the adapter onto the rail.
3. Press the adapter module down onto the DIN rail until flush. Locking tab C will snap into position and lock the adapter to the DIN rail.
4. If the adapter does not lock in place, use a screwdriver or similar device to move the locking tab down while pressing the adapter flush onto the DIN rail, and release the locking tab to lock the adapter in place. If necessary, push up on the locking tab to lock.
5. Connect the adapter wiring as shown under “Connecting Wiring” later in this document.

Mount on a Panel or Wall

If mounting this adapter to a panel or wall, refer to publication [1794-IN135](#), Panel Mounting Kit, Cat. No. 1794-NM1/B.

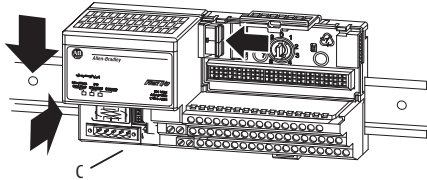
Mounting (or Replacing) the Adapter on an Existing System

1. Remove the DeviceNet plug-in connector from the front of the adapter.
2. Disconnect any wiring jumpered to the adjacent terminal base.
3. Open the module latching mechanism and remove the module from the base unit to which the adapter will be attached.
4. Push the Flexbus connector toward the right side of the terminal base to unplug the backplane connection.
5. Release the locking tab and remove the adapter module.
6. Before installing the new adapter, notice the notch on the right rear of the adapter. This notch accepts the hook on the terminal base unit. The notch is open at the bottom. The hook and adjacent connection point keep the terminal base and the adapter tight together, reducing the possibility of a break in communication over the backplane.



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- Complete the adapter mounting as shown below.
Push down and in at the same time to lock the adapter to the DIN rail.
If the adapter does not lock in place, use a screwdriver or similar device to move the locking tab down while pressing the adapter flush onto the DIN rail, and release the locking tab to lock the adapter module in place.
If necessary, push up on the locking tab to lock.

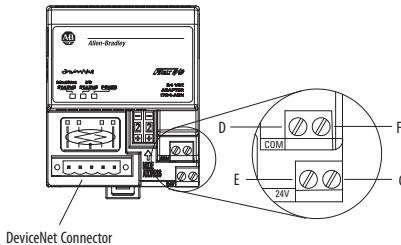


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When the adapter is locked onto the DIN rail, gently push the Flexbus connector into the adapter to complete the backplane.

- Reinstall the module in the adjacent terminal base unit.
- Reconnect adapter wiring as described in “Connecting Wiring.”)

Connect Wiring



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- Connect the DeviceNet cable to the removable connector as shown.

Connect	To		
BLK wire	-V	WHT wire	CAN high
BLU wire	CAN* low	RED wire	+V
Bare wire	Drain	* CAN = Controller Area Network	



ATTENTION:

- When connecting wiring, torque terminal screws D, E, F, and G to 0.8 N•m (7 lb-in).
- Do not wire more than 2 conductors on any single terminal.

2. Insert connector into mating connector on the DeviceNet adapter module.
3. Connect +V DC power to the left side of the lower connector, terminal **E**.



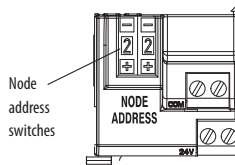
ATTENTION: Power wiring must be less than 3 meters (9.8 ft) in length.

4. Connect -V common to the left side of the upper connector, terminal **D**.
5. Connections G and F are used to pass +V DC power (G) and -V common (F) to the next module in the series (if required).

NOTE: Cable colors are shown on the wiring label on the front of the adapter module.

Set the Node Address

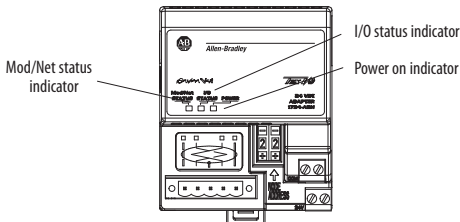
Set the node address using the 2-position thumbwheel switch. Valid settings range from 00 to 63. Press either the + or - buttons to change the number.



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NOTE: The communication rate for the adapter is set by way of “baud detection” at power-up.

Status Indicators



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Status Indicators

Indicator	State	Description
Power	On	Power applied to module
	Off	No power applied to module. Check power wiring to adapter module.

Status Indicators

Indicator	State	Description
Mod Net Status	OFF	No power, or no network access
	Flashing green/ off	Online, but not connected
	Solid green	Online, link okay, connected
	Flashing red	Recoverable fault
	Solid red	Critical adapter failure
I/O Status	Off	No power, or outputs off
	Flashing red	Recoverable fault – outputs in fault
	Flashing green/ off	Idle program mode – outputs in idle
	Solid green	Device operational – outputs live – run
	Solid red	Critical adapter fault – unrecoverable

Enhancements to Firmware 3.001

Firmware revision 3.001 provides the following functionality to the 1794-ADN DeviceNet adapter.

- When you cycle power to the adapter in out-of-the-box mode (no rack configuration stored in the memory of the adapter), and there is a 32-point input or output module (1794-IB32 or 1794-OB32) on the rail, the adapter will detect the 32-point module as a 2-word module and allocate I/O space appropriately for the network connection.
- With firmware revision 3.001, when you cycle power to the adapter in out-of-the-box mode, if a 1794-IB32 module is detected, it will allocate two input words, and no output words, for the network connection. Similarly for the 1794-OB32, two output words, and no input words, are allocated for the network connection.

Corrected Anomalies

Firmware revision 3.001 corrects these anomalies:

- Input data issue in firmware revision 2.004
- In firmware revision 2.003 or earlier, the 32-point I/O modules would have only one input word and one output word allocated in the default out-of-the-box mode of operation for each 32-point module.

If You Replace Firmware Revision 2.003 or Earlier Adapter With 1794-ADN Series C

Take the following precautions when replacing a firmware revision 2.003 or earlier adapter with a firmware revision 3.001 or later adapter when the FLEX rail contains any 32-point modules.

- If out-of-the-box mode was used with the original adapter, the 32-point modules were configured to act as if they were 16-point modules. After changing to the firmware revision 3.001 adapter, it will not make a connection with the scanner because there will be a mismatch in the I/O sizes. The scanner will report an error 77, indicating the I/O size mismatch between the scanner and adapter.

To resolve this I/O size mismatch, two changes must be made:

- The scan list of the scanner must be updated to reflect the new I/O size of the adapter.
In the case of each 1794-IB32 module, an extra input word must be added and the output word deleted. Similarly with each 1794-OB32 module, an extra output word must be added and the input word deleted.
- After the scan list of the scanner has been updated to reflect the new I/O sizes, the I/O image of the controller will have to be adjusted, along with the ladder program of the controller, for any I/O that has shifted due to I/O image changes.
- If out-of-the-box mode was not used, and an RSNetWorx™ software-based configuration was downloaded to the original adapter, there are two cases to consider:

- The original configuration of the adapter is the same as the v3.001 out-of-the-box configuration of the adapter.
In this case, the scanner will automatically make the I/O connection with the firmware revision 3.001 adapter. Once network setup is complete, downloading, and saving the original configuration to the adapter is recommended.
- The original configuration of the adapter does not match the firmware revision 3.001 out-of-the-box configuration of the adapter.
In this case, the scanner will report an error 77, indicating an I/O size mismatch.
To correct this issue, download the existing configuration to the adapter.



ATTENTION: The adapter will not accept any downloads that could change its configuration while there is an active I/O connection between a scanner and the adapter. It will be necessary to either remove the scanner from the network or disable the scanlist entry in the scanner to the adapter, using RSNetWorx™ software, before configuration downloads can be done successfully to the adapter.

Specifications

General

Attribute	Value
I/O capacity	8 modules
Power supply	The 24V DC power supply must be capable of providing a turn-on inrush surge current of 14 A for 5 ms for each adapter connected to this supply.
Supply voltage	Power supply: 19.2...31.2V DC, 400 mA DeviceNet power: 24V DC, 90 mA, Class 2 Flexbus output: 5V DC, 640 mA
Input voltage rating	24V DC nom 19.2V to 31.2V DC (includes 5% AC ripple)

General

Attribute	Value
Current draw	400 mA maximum; 300 mA at 24V DC
Communication rate	125 KB, 250 KB, 500 KB
Indicators	Power - on/off Mod Net status - red/green I/O status - red/green
Flexbus output current	640 mA max. @ 5V DC
Isolation voltage	50V (continuous), Basic Insulation Type Type tested at 1930V DC for 60 s, power to Flexbus, power to DeviceNet, and DeviceNet to Flexbus
Power dissipation	7.6 W maximum @ 19.2V DC
Thermal dissipation	26 BTU/hr @ 19.2V DC
DeviceNet power requirements	24V DC ($\pm 4\%$) at 90 mA max
Dimensions (HxWxD)	87 x 68 x 69 mm (3.4 x 2.7 x 2.7 in)
Weight, approx	195.5 g (6.9 oz)
Enclosure type rating	None (open-style)
Wire size	Power connections: 0.33... 3.3 mm ² (22...12 AWG) solid or stranded copper wire rated at 75 °C (167 °F) or greater 1.2 mm (3/64 in.) insulation max
Wire category ⁽¹⁾	1 - on power ports 2 - on communications ports
Terminal screw torque	0.8 N•m (7 lb-in)
North American temp code	T4
ATEX temp code	T4

- (1) Use this Conductor Category information for planning conductor routing as described in the appropriate System Level Installation Manual. Also refer to Industrial Automation Wiring and Grounding Guidelines, publication [1770-4.1](#), for more information.

Environmental

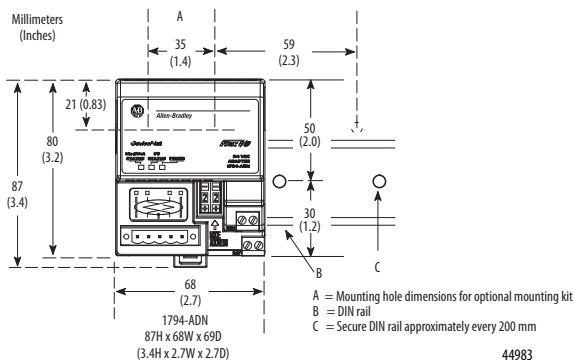
Attribute	Value
Operating temperature	IEC 60068-2-1 (Test Ad, Operating Cold), IEC 60068-2-2 (Test Bd, Operating Dry Heat), IEC 60068-2-14 (Test Nb, Operating Thermal Shock): -20...+70 °C (-4...+158 °F)
Temperature, surrounding air, max.	70 °C (158 °F)
Nonoperating temperature	IEC 60068-2-1 (Test Ab, Unpackaged nonoperating Cold), IEC 60068-2-2 (Test Bb, Unpackaged nonoperating Dry Heat), IEC 60068-2-14 (Test Na, Unpackaged nonoperating Thermal Shock): -40...85 °C (-40...185 °F)
Relative humidity	IEC 60068-2-30 (Test Db, Unpackaged Damp Heat): 5...95% noncondensing
Vibration	IEC 60068-2-6 (Test Fc, Operating): 5 g @ 10...500 Hz
Operating shock	IEC 60068-2-27 (Test Ea, Unpackaged Shock): 30 g
Nonoperating shock	IEC 60068-2-27 (Test Ea, Unpackaged Shock): 50 g
Emissions	IEC 61000-6-4
ESD immunity	IEC 61000-4-2: 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...2000 MHz 10V/m with 200 Hz 50% Pulse 100% AM at 900 MHz 10V/m with 200 Hz 50% Pulse 100% AM at 1890 MHz 3V/m with 1 kHz sine-wave 80% AM from 2000...2700 MHz
EFT/B immunity	IEC 61000-4-4: ±2 kV at 5 kHz on power ports ±4 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	IEC 61000-4-6: 10V rms with 1 kHz sine-wave 80% AM from 150 kHz...80 MHz

Certifications

Certifications (when product is marked) ⁽¹⁾	Value
c-UL-us	<ul style="list-style-type: none"> • 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.
c-CSA-us	<p>(For 1794-ADN only)</p> <ul style="list-style-type: none"> • CSA Certified Process Control Equipment, certified for US and Canada. See CSA File 150115 • CSA Certified Process Control Equipment for Class I, Division 2 Group A,B,C,D Hazardous Locations, certified for US and Canada. See CSA File 150115
CE	<p>European Union 2014/30/EU EMC Directive, compliant with:</p> <ul style="list-style-type: none"> • EN 61326-1; Meas./Control/Lab., Industrial Requirements • EN 61000-6-2; Industrial Immunity • EN 61000-6-4; Industrial Emissions • EN 61131-2; Programmable Controllers (Clause 8, Zone A & B) <p>European Union 2011/65/EU RoHS, compliant with:</p> <ul style="list-style-type: none"> • EN 50581; Technical documentation
RCM	<p>Australian Radiocommunications Act, compliant with:</p> <ul style="list-style-type: none"> • EN 61000-6-4; Industrial Emissions
Ex	<p>European Union 2014/34/EU ATEX Directive, compliant with:</p> <ul style="list-style-type: none"> • EN 60079-0; General Requirements • EN 60079-15; Potentially Explosive Atmospheres, Protection "n" • IIG Ex nA IIC T4 Gc • LCIE 01 ATEX 6020 X I 09
KC	<p>Korean Registration of Broadcasting and Communications Equipment, compliant with:</p> <ul style="list-style-type: none"> • Article 58-2 of Radio Waves Act, Clause 3
EAC	<ul style="list-style-type: none"> • Russian Customs Union TR CU 020/2011 EMC Technical Regulation

(1) See the Product Certification link at <http://www.rockwellautomation.com/global/certification/overview.page> for Declaration of Conformity, Certificates, and other certification details.

Mounting Dimensions



Notes:

Notes:

Rockwell Automation Support

Use the following resources to access support information.

Technical Support Center	Knowledgebase Articles, How-to Videos, FAQs, Chat, User Forums, and Product Notification Updates.	www.rockwellautomation.com/knowledgebase
Local Technical Support Phone Numbers	Locate the phone number for your country.	www.rockwellautomation.com/global/support/get-support-now.page
Direct Dial Codes	Find the Direct Dial Code for your product. Use the code to route your call directly to a technical support engineer.	www.rockwellautomation.com/global/support/direct-dial.page
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