

Installation Instructions

Original Instructions



Allen-Bradley

by ROCKWELL AUTOMATION

ArmorPOINT I/O RS-485 ASCII Module

Catalog Number 1738-485ASCM12

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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.

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Rockwell Automation recognizes that some of the terms that are currently used in our industry and in this publication are not in alignment with the movement toward inclusive language in technology. We are proactively collaborating with industry peers to find alternatives to such terms and making changes to our products and content. Please excuse the use of such terms in our content while we implement these changes.



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.

注意：在安装、配置、操作和维护本产品前，请阅读本文档以及“其他资源”部分列出的有关设备安装、配置和操作的相应文档。除了所有适用规范、法律和标准的相关要求之外，用户还必须熟悉安装和接线说明。

安装、调整、投运、使用、组装、拆卸和维护等各项操作必须由经过适当训练的专业人员按照适用的操作规范实施。

如果未按照制造商指定的方式使用该设备，则可能会损害设备提供的保护。

ATENCIÓN: Antes de instalar, configurar, poner en funcionamiento o realizar el mantenimiento de este producto, lea este documento y los documentos listados en la sección Recursos adicionales acerca de la instalación, configuración y operación de este equipo. Los usuarios deben familiarizarse con las instrucciones de instalación y cableado y con los requisitos de todos los códigos, leyes y estándares vigentes.

El personal debidamente capacitado debe realizar las actividades relacionadas a la instalación, ajustes, puesta en servicio, uso, ensamble, desensamble y mantenimiento de conformidad con el código de práctica aplicable. Si este equipo se usa de una manera no especificada por el fabricante, la protección provista por el equipo puede resultar afectada.

ATENÇÃO: Leia este e os demais documentos sobre instalação, configuração e operação do equipamento que estão na seção Recursos adicionais antes de instalar, configurar, operar ou manter este produto. Os usuários devem se familiarizar com as instruções de instalação e fiação além das especificações para todos os códigos, leis e normas aplicáveis.

É necessário que as atividades, incluindo instalação, ajustes, colocação em serviço, utilização, montagem, desmontagem e manutenção sejam realizadas por pessoal qualificado e especializado, de acordo com o código de prática aplicável.

Caso este equipamento seja utilizado de maneira não estabelecida pelo fabricante, a proteção fornecida pelo equipamento pode ficar prejudicada.

ВНИМАНИЕ: Перед тем как устанавливать, настраивать, эксплуатировать или обслуживать данное оборудование, прочитайте этот документ и документы, перечисленные в разделе «Дополнительные ресурсы». В этих документах изложены сведения об установке, настройке и эксплуатации данного оборудования. Пользователи обязаны ознакомиться с инструкциями по установке и прокладке соединений, а также с требованиями всех применимых норм, законов и стандартов.

Все действия, включая установку, наладку, ввод в эксплуатацию, использование, сборку, разборку и техническое обслуживание, должны выполняться обученным персоналом в соответствии с применимыми нормами и правилами.

Если оборудование используется не предусмотренным производителем образом, защита оборудования может быть нарушена.

注意：本製品を設置、構成、稼働または保守する前に、本書および本機器の設置、設定、操作についての参考資料の該当箇所に記載されている文書に目を通してください。ユーザは、すべての該当する条例、法律、規格の要件に加えて、設置および配線の手順に習熟している必要があります。

設置調整、運転の開始、使用、組立て、解体、保守を含む諸作業は、該当する実施規則に従って訓練を受けた適切な作業員が実行する必要があります。

本機器が製造メーカーにより指定されていない方法で使用されている場合、機器により提供されている保護が損なわれる恐れがあります。

ACHTUNG: Lesen Sie dieses Dokument und die im Abschnitt „Weitere Informationen“ aufgeführten Dokumente, die Informationen zu Installation, Konfiguration und Bedienung dieses Produkts enthalten, bevor Sie dieses Produkt installieren, konfigurieren, bedienen oder warten. Anwender müssen sich neben den Bestimmungen aller anwendbaren Vorschriften, Gesetze und Normen zusätzlich mit den Installations- und Verdrahtungsanweisungen vertraut machen.

Arbeiten im Rahmen der Installation, Anpassung, Inbetriebnahme, Verwendung, Montage, Demontage oder Instandhaltung dürfen nur durch ausreichend geschulte Mitarbeiter und in Übereinstimmung mit den anwendbaren Ausführungsvorschriften vorgenommen werden.

Wenn das Gerät in einer Weise verwendet wird, die vom Hersteller nicht vorgesehen ist, kann die Schutzfunktion beeinträchtigt sein.

ATTENTION : Lisez ce document et les documents listés dans la section Ressources complémentaires relatifs à l'installation, la configuration et le fonctionnement de cet équipement avant d'installer, configurer, utiliser ou entretenir ce produit. Les utilisateurs doivent se familiariser avec les instructions d'installation et de câblage en plus des exigences relatives aux codes, lois et normes en vigueur.

Les activités relatives à l'installation, le réglage, la mise en service, l'utilisation, l'assemblage, le démontage et l'entretien doivent être réalisées par des personnes formées selon le code de pratique en vigueur.

Si cet équipement est utilisé d'une façon qui n'a pas été définie par le fabricant, la protection fournie par l'équipement peut être compromise.

주의：본 제품 설치, 설정, 작동 또는 유지 보수하기 전에 본 문서를 포함하여 설치, 설정 및 작동에 관한 참고 자료 섹션의 문서들을 반드시 읽고 숙지하십시오. 사용자는 모든 관련 규정, 법규 및 표준에서 요구하는 사항에 대해 반드시 설치 및 배선 지침을 숙지해야 합니다.

설치, 조정, 가동, 사용, 조립, 분해, 유지보수 등 모든 작업은 관련 규정에서 적절한 교육을 받은 사용자를 통해서만 수행해야 합니다.

본 장비를 제조사가 명시하지 않은 방법으로 사용하면 장비의 보호 기능이 손상될 수 있습니다.

ATTENZIONE Prima di installare, configurare ed utilizzare il prodotto, o effettuare interventi di manutenzione su di esso, leggere il presente documento ed i documenti elencati nella sezione "Altre risorse", riguardanti l'installazione, la configurazione ed il funzionamento dell'apparecchiatura. Gli utenti devono leggere e comprendere le istruzioni di installazione e cablaggio, oltre ai requisiti previsti dalle leggi, codici e standard applicabili.

Le attività come installazione, regolazioni, utilizzo, assemblaggio, disassemblaggio e manutenzione devono essere svolte da personale adeguatamente addestrato, nel rispetto delle procedure previste.

Qualora l'apparecchio venga utilizzato con modalità diverse da quanto previsto dal produttore, la sua funzione di protezione potrebbe venire compromessa.

DIKKAT: Bu ürünün kurulumu, yapilandırılması, işletilmesi veya bakımı öncesinde bu dokümanı ve bu ekipmanın kurulumu, yapilandırılması ve işletimi ile ilgili ilave Kaynaklar bölümünde yer listelenmiş dokümanları okuyun. Kullanıcılar yürürlükteki tüm yönetmelikler, yasalar ve standartların gereksinimlerine ek olarak kurulum ve kablolama talimatlarını da öğrenmek zorundadır.

Kurulum, ayarlama, hizmete alma, kullanma, parçaları birleştirme, parçaları sökme ve bakım gibi aktiviteler sadece uygun eğitimleri almış kişiler tarafından yürürlükteki uygulama yönetmeliklerine uygun şekilde yapılabilir.

Bu ekipman üretici tarafından belirlenmiş amacın dışında kullanılırsa, ekipman tarafından sağlanan koruma bozulabilir.

注意事項：在安装、設定、操作或維護本產品前，請先閱讀此文件以及列於「其他資源」章節中有關安裝、設定與操作此設備的文件。使用者必須熟悉安裝和配線指示，並符合所有法規、法律和標準要求。

包括安裝、調整、交付使用、使用、組裝、拆卸和維護等動作都必須交由已經過適當訓練的人員進行，以符合適用的實作法規。

如果將設備用於非製造商指定的用途時，可能會造成設備所提供的保護功能受損。

POZOR: Než začnete instalovat, konfigurovat či provozovat tento výrobek nebo provádět jeho údržbu, přečtěte si tento dokument a dokumenty uvedené v části Dodatečné zdroje ohledně instalace, konfigurace a provozu tohoto zařízení. Uživatelé se musejí vedle požadavků všech relevantních vyhlášek, zákonů a norem nutně seznámit také s pokyny pro instalaci a elektrické zapojení.

Činnosti zahrnující instalaci, nastavení, uvedení do provozu, užívání, montáž, demontáž a údržbu musí vykonávat vhodně proškolený personál v souladu s příslušnými prováděcími předpisy.

Pokud se toto zařízení používá způsobem neodpovídajícím specifikaci výrobce, může být narušena ochrana, kterou toto zařízení poskytuje.

UWAGA: Przed instalacją, konfiguracją, użytkowaniem lub konserwacją tego produktu należy przeczytać niniejszy dokument oraz wszystkie dokumenty wymienione w sekcji Dodatkowe źródła omawiające instalację, konfigurację i procedury użytkowania tego urządzenia. Użytkownicy mają obowiązek zapoznać się z instrukcjami dotyczącymi instalacji oraz oprzewodowania, jak również z obowiązującymi kodeksami, prawem i normami.

Działania obejmujące instalację, regulację, przekazanie do użytkowania, użytkowanie, montaż, demontaż oraz konserwację muszą być wykonywane przez odpowiednio przeszkolony personel zgodnie z obowiązującym kodeksem postępowania.

Jeśli urządzenie jest użytkowane w sposób inny niż określony przez producenta, zabezpieczenie zapewniane przez urządzenie może zostać ograniczone.

Obs! Läs detta dokument samt dokumentet, som står listat i avsnittet Övriga resurser, om installation, konfigurering och drift av denna utrustning innan du installerar, konfigurerar eller börjar använda eller utföra underhållsarbete på produkten. Användare måste bekanta sig med instruktioner för installation och kabeldragning, förutom krav enligt gällande koder, lagar och standarder.

Åtgärder som installation, justering, service, användning, montering, demontering och underhållsarbete måste utföras av personal med lämplig utbildning enligt lämpligt bruk.

Om denna utrustning används på ett sätt som inte anges av tillverkaren kan det hända att utrustningens skyddsanordningar försätts ur funktion.

LET OP: Lees dit document en de documenten die genoemd worden in de paragraaf Aanvullende informatie over de installatie, configuratie en bediening van deze apparatuur voordat u dit product installeert, configureert, bediend of onderhoudt. Gebruikers moeten zich vertrouwd maken met de installatie en de bedradingsinstructies, naast de vereisten van alle toepasselijke regels, wetten en normen.

Activiteiten zoals het installeren, afstellen, in gebruik stellen, gebruiken, demonteren en het uitvoeren van onderhoud mogen uitsluitend worden uitgevoerd door hiervoor opgeleid personeel en in overeenstemming met de geldende praktijkregels.

Indien de apparatuur wordt gebruikt op een wijze die niet is gespecificeerd door de fabrikant, dan bestaat het gevaar dat de beveiliging van de apparatuur niet goed werkt.

Environment and Enclosure



ATTENTION: This equipment is intended for use in overvoltage Category II applications (as defined in 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 enclosed equipment. It should not require additional system enclosure when used in locations consistent with the equipment Enclosure Type Ratings. Subsequent sections of this publication may contain more information regarding specific enclosure type ratings, beyond what this product provides, 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.



ATTENTION: This equipment is certified for use only within the surrounding air temperature range of -20...+60 °C (-4...+140 °F). The equipment must not be used outside of this range.

Prevent Electrostatic Discharge



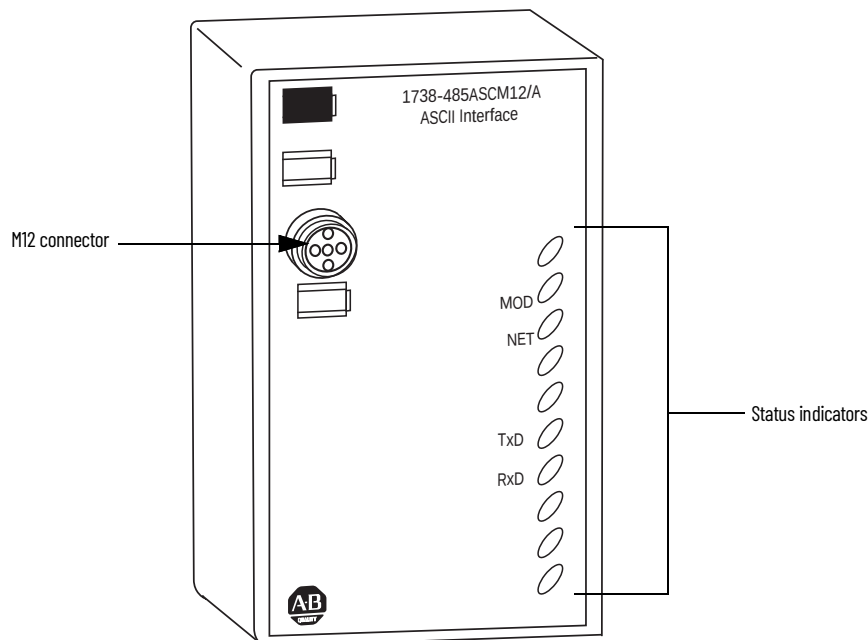
ATTENTION: This equipment is sensitive to electrostatic discharge, which can cause internal damage and affect normal operation. Follow these guidelines when you handle this equipment:

- 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.

About the Module

The ArmorPOINT® family consists of modular I/O modules. The sealed IP67 housing of these modules requires no enclosure. Environmental requirements other than IP67 may require an additional appropriate housing. The I/O connector is a sealed M12 (micro) style. The mounting base ships with the module.

ArmorPOINT I/O RS-485 ASCII Module - 1738-485ASCM12



Mount the I/O Base

Mount the I/O base on a wall or panel, using the screw holes provided in the base.

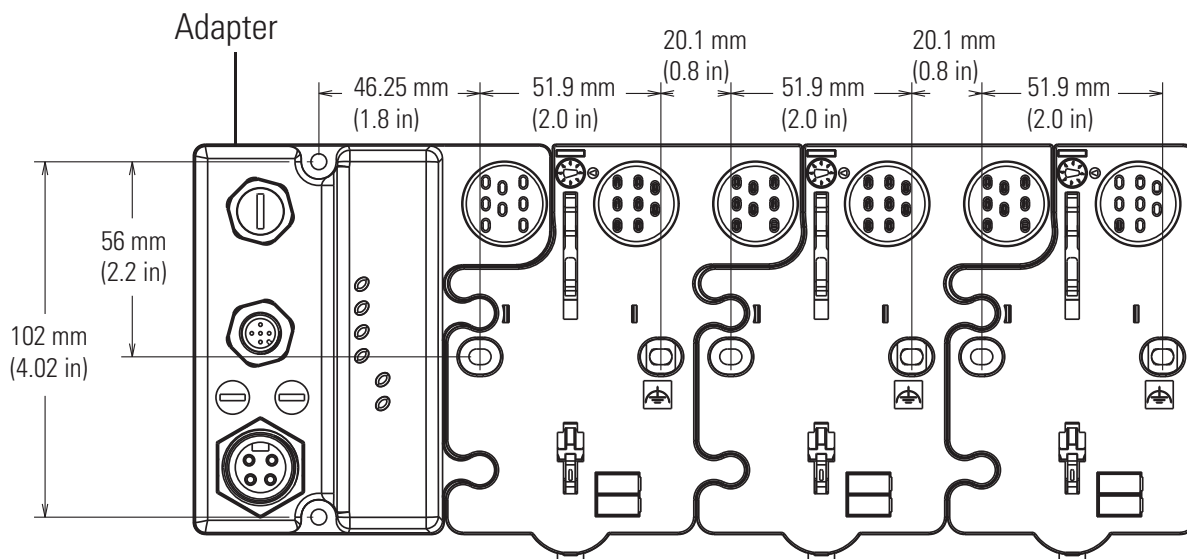
IMPORTANT

The ArmorPOINT I/O module must be mounted on a grounded metal mounting plate or other conductive surface.



ATTENTION: To comply with the CE Low Voltage Directive (LVD), all connected I/O must be powered from a source compliant with the following: Safety Extra Low Voltage (SELV) or Protected Extra Low Voltage (PELV).

Mounting Illustration for the ArmorPOINT Adapter with I/O Bases

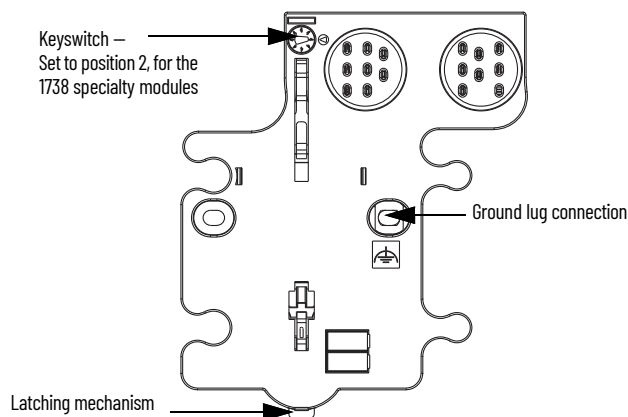


ATTENTION: This product is intended to be mounted to a well-grounded mounting surface such as a metal panel. Additional grounding connections from the power supply's mounting tabs or DIN rail (if used) are not required unless the mounting surface cannot be grounded. See Industrial Automation Wiring and Grounding Guidelines, publication [1770-4.1](#), for additional information.

To install the mounting base, proceed as follows:

1. Lay out the required points as shown in the drilling dimension drawing.
2. Drill the necessary holes for M4 (#8) machine or self-tapping screws.
3. Mount the base using M4 (#8) screws.
4. Ground the system using the ground lug connection.
The ground lug connection is also a mounting hole.

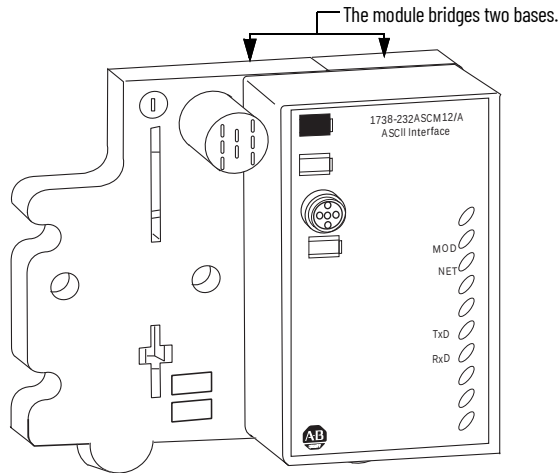
Mounting Base



Install the Module

To install the module, proceed as follows:

1. Use a bladed screwdriver to rotate the keyswitch on the mounting base clockwise until the number 2 aligns with the notch in the base.
2. Position the module vertically above the mounting base.



3. Push the module down until it engages the latching mechanism. You hear a clicking sound when the module is properly engaged. The locking mechanism locks the module to the base.

Remove the Module From the Mounting Base

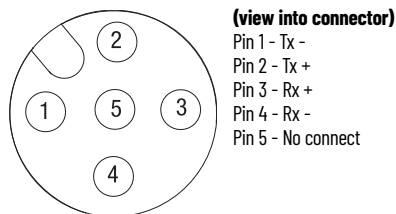
To remove the module from the mounting base, proceed as follows:

1. Put a screwdriver into the slot of the orange latching mechanism.
2. Push the screwdriver towards the I/O module to disengage the latch. The module lifts off the base.
3. Pull the module off the base.

Wire the Module

To wire the module, see the [Figure 1](#).

Figure 1 - 1738-485ASC12 - M12 Style Connector Wiring



IMPORTANT

The 1738-485ASC12 module has earth grounded metal rings. Consider the grounding when choosing shielded cables and grounding techniques. For cable selection, see Ethernet Media Specifications Technical Data, publication [1585-TD001](#).



ATTENTION: Make sure that all connectors and caps are securely tightened to properly seal the connections against leaks and maintain IP enclosure type requirements.

Communicate with Your Module

The ASCII module operates as the POINTBus™ front end to your serial device. Data is exchanged with the master through a polled, cyclic, or change of state connection. The module produces and consumes 4...132 bytes of data.

Interpret Status Indicators

See [Figure 2](#) and [Table 1](#) for information on how to interpret the status indicators.

Figure 2 - ArmorPOINT I/O RS-485 ASCII Module

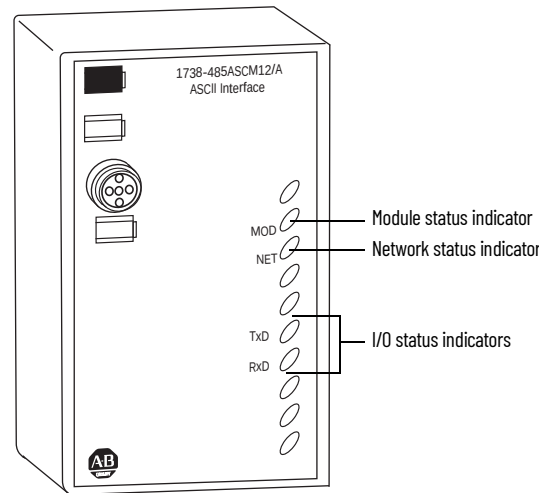


Table 1 - Indicator Status for 1738-485ASCM12 Module

	Status	Description
Module status	Off	No power is applied to the device.
	Green	The device is operating normally.
	Flashing green	The device needs commissioning due to missing, incomplete, or incorrect configuration.
	Red	An unrecoverable fault that may require device replacement.
	Flashing red	Recoverable fault
	Flashing red/green	The device is in self-test mode.
Network status	Off	The device is not online: - The device has not completed the dup_MAC-id test. - The device is not powered - Check the module status indicator. - No network power is present.
	Green	The device is online and has one or more I/O connections in an established state.
	Flashing green	The device is online but has no connections in an established state.
	Red	Critical link failure - Failed communication device. The device has detected an error that prevents it from communicating on the network.
	Flashing red	One or more I/O connections are in a timed-out state.
	Flashing red/green	Communication faulted device - The device has detected a network access error and is in a communication faulted state. The device has received and accepted an Identity Communication Faulted Request - Long protocol message.
Transmit/Receive status	Flashing transmit/receive	Check wiring, ground, and Rx connection. User parameter object to view record numbers.
	Flashing receive/ off transmit	- Check the wiring. - Watch the Tx indicator. If the Tx indicator does not flash, verify that you are properly initiating transmission. - Use the EDS parameter object to try transmitting. - Watch the indicator. If the indicator flashes, you are not properly initiating transmission through I/O messaging. If it flashes, check the remote device.
	Off transmit/green receive	Possible reverse wiring to the device. Check the connections.

Specifications

Serial Port Specifications

Attribute	Value
Serial Port Parameters	
Serial character framing	7N2, 7E1, 7O1, 8N1, 8N2, 8E1, 8O1, 7E2, 7O2
Serial port comm speed	9600, 1200, 2400, 4800, 19.2k, 38.4k
Serial Port Receive from ASCII Device	
Number of receive characters, max	1...128
Receive record start mode	No, exclude, include start delimiter
Receive record delimiter	ASCII character

Serial Port Specifications (Continued)

Attribute	Value
Receive record end mode	No, exclude, include start delimiter
Receive end delimiter	ASCII character
Send (Produce) on DeviceNet to Master	
Receive string data type	Array, short_string, string
Pad mode	Pad mode disabled, enabled
Pad character	ASCII character
Receive swap mode	Disabled, 16-bit, 24-bit, 32-bit swap
DeviceNet® handshake mode	Master/slave handshake, produce immediate
Produce assembly size	4...132 bytes
Serial data	0...128 bytes
Receive transaction ID	0...255
Serial Port Transmit to ASCII Device	
Number of transmit characters, max	1...128
Transmit end delimiter mode	No, exclude, include end delimiter
Transmit end delimiter character	ASCII
Consume on DeviceNet from Master	
Consume string data type	Array, short_string, string
Transmit swap mode	Disabled, 16-bit, 24-bit, 32-bit swap
DeviceNet record header mode	Transmit handshake/immediate
Consume assembly size	4...132 bytes
Serial Port Transmit/Explicit Messages	
Transmit serial data string	0...128 bytes
Transmitted serial data length	0...128 bytes
Transmit transaction ID	0...255
Status	TX FIFO overflow, RX FIFO overflow, RX parity error, handshake error, new data flag

General Specifications

Attribute	Value
Number of inputs	1, full-duplex
Input voltage, signal A to signal B ⁽¹⁾ "0", Asserted, ON, Space, Active	1.5...6V DC (Transmitter) +0.2...12V DC (Receiver)
Input voltage, signal A to signal B "1", Disasserted, OFF, Mark, Inactive	-1.5...+6V DC (Transmitter) +0.2...7V DC (Receiver)
External DC power, supply voltage, nom	24V DC
External DC power, voltage range	10...28.8V DC
External DC power, supply current	15 mA @ 24V DC, fault protected to 28.8V DC
Dimensions, approx., HxWxD	111.6 x 71.6 x 38.4 mm (4.39 x 2.82 x 1.51 in)
Weight, approx.	217 g (7.65 oz)
POINTBus current, max	75 mA @ 5V DC
Power dissipation, max	0.75 W @ 28.8V DC
Thermal dissipation, max	2.5 BTU/hr @ 28.8V DC
Isolation voltage	50V rms (continuous) Type tested at 1250V AC for 60 s
Mounting base screw torque	M4 (#8) screw 0.85 N•m (7.5 lb•in) in aluminum 1.81 N•m (16 lb•in) in steel
Keyswitch position	2 (specialty)

General Specifications (Continued)

Attribute	Value
Enclosure type rating	Meets IP65/66/67/69K (when marked)
Indicators	1 green/red module 1 green/red network 2 green TXD, RXD
Wiring category ⁽²⁾	2 – on communications ports

(1) Some RS-485 equipment uses “+” and “-” descriptors. The “-” corresponds to “A” and the “+” corresponds to “B”.

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

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 < +60 °C (-4 °F < Ta < +140 °F)
Temperature, nonoperating	IEC60068-2-1 (Test Ad, Non-operating Cold), IEC60068-2-2, (Test Bd, Non-operating Dry Heat), -40...+85 °C (-40...+185 °F)
Relative humidity	IEC 60068-2-30 (Test Db, Un-packaged Non-operating Damp Heat): 5...95 % non-condensing
Shock, operating	IEC 60068-2-27 (Test Ea, unpackaged shock): 30 g
Shock, nonoperating	IEC 60068-2-27 (Test Ea, unpackaged shock): 50 g
Vibration	IEC 60068-2-6 (Test Fc, operating) 5 g @ 10...500 Hz
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...6000 MHz
EFT/B immunity	IEC 61000-4-4: ±2 kV at 5 kHz on communications ports
Surge transient immunity	IEC 61000-4-5: ±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

Certification (when product is marked) ⁽¹⁾	Value
CE	European Union 2014/30/EU EMC Directive, compliant with: 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) 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
Morocco	Arrêté ministériel n° 6404-15 du 29 ramadan 1436
UKCA	2016 No. 1091 – Electromagnetic Compatibility Regulations 2012 No. 3032 – Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations

(1) See the Product Certification link at [rok.auto/certifications](#) for Declaration of Conformity, Certificates, and other certification details.

Additional Resources

For more information on the products that are described in this publication, use these resources. You can view or download publications at rok.auto/literature.

Resource	Description
ArmorPOINT I/O Selection Guide, publication 1738-SG001	Describes the features and provides specifications for ArmorPOINT I/O modules.
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

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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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