

Micro800 Remote LCD

Catalog Number 2080-REMLCD

<http://rockwellautomation.com/literature>

<p>FR Cette publication est disponible en français sous forme électronique (fichier PDF). Pour la télécharger, rendez-vous sur la page Internet indiquée ci-dessus.</p>	<p>PT Esta publicação está disponível em português como PDF. Vá ao endereço web que aparece acima para encontrar e fazer download da publicação.</p>
<p>IT Questa pubblicazione è disponibile in Italiano in formato PDF. Per scaricarla collegarsi al sito Web indicato sopra.</p>	<p>ZH 本出版物備有中文PDF格式文件，可從上面的網址找到並下載本出版物。</p>
<p>DE Diese Publikation ist als PDF auf Deutsch verfügbar. Gehen Sie auf die oben genannte Web-Adresse, um nach der Publikation zu suchen und sie herunterzuladen.</p>	<p>ZC 本出版物備有中文PDF檔，可由上列網址下載。</p>
<p>ES Esta publicación está disponible en español como PDF. Diríjase a la dirección web indicada arriba para buscar y descarga esta publicación.</p>	<p>KO 큰 간행물은 한글판 PDF 파일로 준비되어 있습니다. 위에 있는 웹사이트에 가서서 간행물을 다운로드 하십시오.</p>

Table of Contents

Topic	Page
Important User Information	2
North American Hazardous Location Approval	4
Additional Resources	6
Overview	7
Additional Resources	6
Install the Micro800 Remote LCD	9
Mount the Module	10
RS232 Port	16
USB Port	16
Connect Power	14
Specifications	18

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://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 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.

Reproduction of the contents of this manual, in whole or in part, without written permission of Rockwell Automation, Inc., is prohibited.

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	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 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. 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 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 additional information regarding specific enclosure type ratings that are required to comply with certain product safety certifications.

In addition to this publication, see:

- Industrial Automation Wiring and Grounding Guidelines, Rockwell Automation publication [1770-4.1](#), for additional installation requirements.
- NEMA Standard 250 and IEC 60529, as applicable, for explanations of the degrees of protection provided by different types of enclosure.

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.
-

North American Hazardous Location Approval

The following modules are North American Hazardous Location approved: 2080-REMLCD.

<p>The following information applies when operating this equipment in hazardous locations:</p>	<p>Informations sur l'utilisation de cet équipement en environnements dangereux:</p>
<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 any component may impair suitability for Class I, Division 2. If this product contains batteries, they must only be changed in an area known to be nonhazardous. </div> </div>	<div style="display: flex; align-items: center;">  <div> <p>WARNING: 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 tout composant peut rendre cet équipement inadapté à une utilisation en environnement de Classe I, Division 2. S'assurer que l'environnement est classé non dangereux avant de changer les piles. </div> </div>



- Make sure all connectors are securely tightened to properly seal the connections against leaks and maintain IP enclosure type requirements.
 - The USB port is intended for temporary local programming purposes only and not intended for permanent connection.
 - The USB cable is not to exceed 3.0 m (9.84 ft) and must not contain hubs.
 - The RS232 and Power cables are not to exceed 3.0 m (9.84 ft).
 - Do not place the module in direct sunlight. Prolonged exposure to sunlight may degrade the LCD.
 - The USB cap must be in place to maintain IP65 rating.
-



- If you connect or disconnect the RS232 cable with power applied to this module or the serial device on the other end of the cable, 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.
 - If you connect or disconnect the communications cable with power applied to this module or any device on the network, 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.
 - The USB port is intended for temporary local programming purposes only and not intended for permanent connection. If you connect or disconnect the USB cable with power applied to this module or any device on the USB network, 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.
 - Do not connect directly to line voltage. Line voltage must be supplied by a suitable, approved isolating transformer or power supply having short circuit capacity not exceeding 100V A maximum or equivalent.
 - Do not use the USB port in hazardous locations.
-

Additional Resources

Resource	Description
Micro820 20-point Programmable Controllers User Manual, publication 2080-UM005	A more detailed description of how to install and use your Micro820 programmable controller.
Micro800 Plug-in Modules and Accessories User Manual, publication 2080-UM004	Installation and wiring descriptions for the different Micro800 plug-in modules and accessories.
Micro820 Programmable Controllers Installation Instructions, publication 2080-IN009	Information on how to install your Micro820 programmable controller.
Micro800 AC Power Supply Installation Instructions, publication 2080-IN001	Information on wiring and installing the optional AC power supply.
Industrial Automation Wiring and Grounding Guidelines, publication 1770-4.1	More information on proper wiring and grounding techniques.

If you would like a manual, you can:

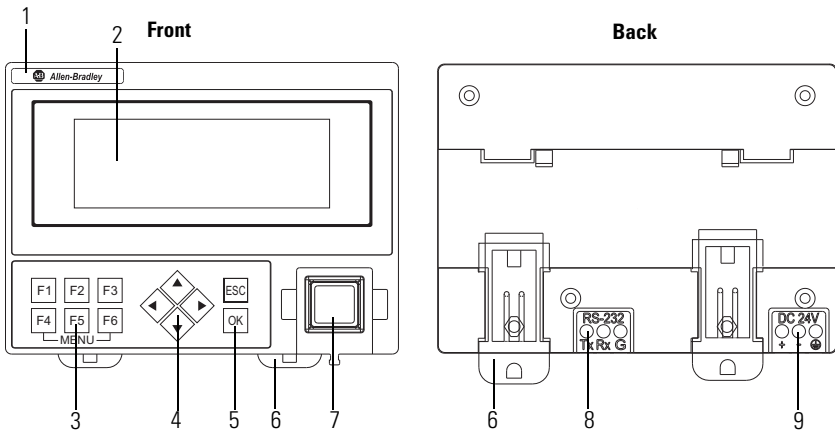
- download a free electronic version from the Internet:
<http://rockwellautomation.com/literature>
- purchase a printed manual by contacting your local Allen-Bradley distributor or Rockwell Automation representative

Overview

The Micro800™ Remote LCD is a simple IP65 text display interface that allows configuration of such settings as IP address on the Micro800 controller. It is an accessory to the Micro820 controller.

The remote LCD can be connected to the controller through an RS232 port. It can be mounted through the front panel or on the same DIN rail as the controller.

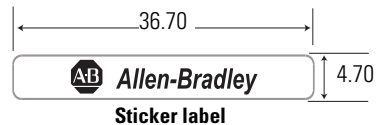
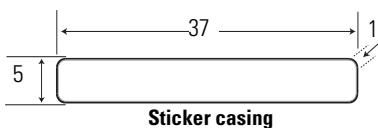
Micro800 Remote LCD Overview



2080-REMLCD Description

	Description		Description
1	Logo casing ⁽¹⁾	6	DIN rail latch
2	Display screen	7	USB port
3	Function keys	8	RS232 port
4	Arrow keys	9	24V DC power port
5	ESC and OK keys		

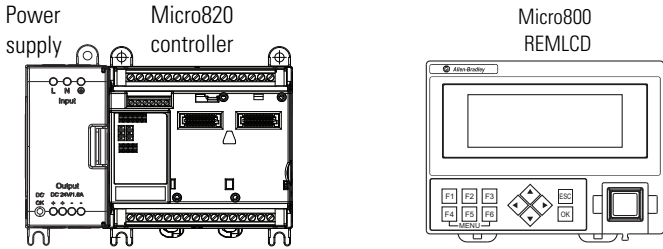
⁽¹⁾ The module is shipped with the Allen-Bradley sticker label but you can customize the space with your product logo. Dimensions for the logo casing and the sticker label are shown below.



Measurements are in millimeters.



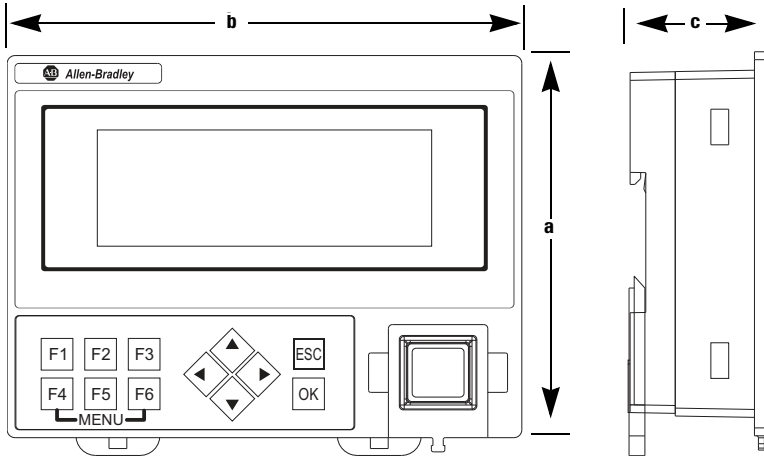
ATTENTION: The length of RS232 and 24V DC power cable connection to the 2080-REMLCD module must not exceed 3 m (9.84 ft.).



46258

RS232 and 24V DC power cable connections must not exceed 3 m.

Module Dimensions



Catalog Number	Height (a)	Width (b)	Depth (c)
2080-REMLCD	97 mm (3.82 in.)	130 (5.11 in.)	35.5 (1.40 in.)

Parts List

The Micro800 Remote LCD module ships with these items:

- Allen-Bradley sticker label
- Clamp accessories for panel mounting (4 pcs)
- Product Information (publication 2080-PC002)

Install the Micro800 Remote LCD

Before installing the Remote LCD through the front panel, review minimum clearances, panel guidelines, panel cutout dimensions, and product dimensions.

IMPORTANT

Most applications require installation in an industrial enclosure to reduce the effects of electrical interference and environmental exposure. Locate your device as far as possible from power lines, load lines, and other sources of electrical noise such as hard-contact switches, relays, and AC motor drives. For more information on proper grounding guidelines, see the Industrial Automation Wiring and Grounding Guidelines, publication [1770-4.1](#).

Minimum Spacing

Maintain spacing from objects such as enclosure walls, wireways, and adjacent equipment. Allow 50.8 mm (2.0 in.) of space on all sides for adequate ventilation. If optional accessories/modules are attached such as the optional power supply, 2080-PS120-240VAC, make sure that there is 50.8 mm (2.0 in.) of space on all sides after attaching the optional parts.

Plan for adequate space around the module, inside the enclosure, for ventilation and cabling. Consider heat produced by other devices in the enclosure. The ambient temperature around the module must be -20...50 °C (-4...122 °F).

- TIP** The minimum spacing requirements are sufficient for connecting cables and inserting. Plan for additional clearance if using the USB host port on the back of the unit.

Panel Guidelines

Supporting panels must be at least 16 gauge to provide proper sealing against water and dust and to provide proper support. The panel surface must be flat and free of imperfections to maintain an adequate seal and NEMA/IP Type ratings.

Panel Cutout Dimensions

You can print the panel cutout template that comes at the end of this installation instructions. Panel cutout dimensions are provided in the next table.

Catalog Number	Height, Approx., mm (inches)	Width, Approx., mm (inches)
2080-REMLCD	88.5 ± 0.5 (3.48 ± 0.02)	121.5 ± 0.5 (4.78 ± 0.02)



ATTENTION: Disconnect all electrical power from the panel before making the panel cutout.

- Make sure the area around the panel cutout is clear.
- Take precautions so metal cuttings do not enter any components already installed in the panel.
- Failure to follow these instructions may result in personal injury or damage to panel components.



WARNING: If you connect or disconnect the RS232 cable with power applied to this module or the RS232 device on the other end of the cable, 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.



WARNING: 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.

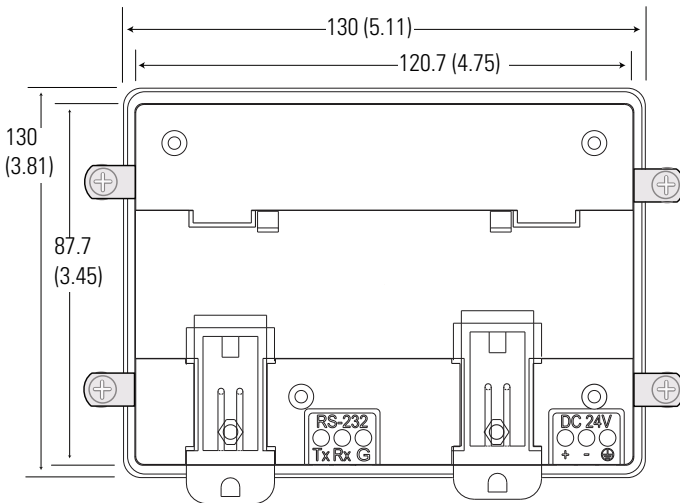
Mount the Module

There are two ways to mount the Micro800 Remote LCD, as described in the following sections:

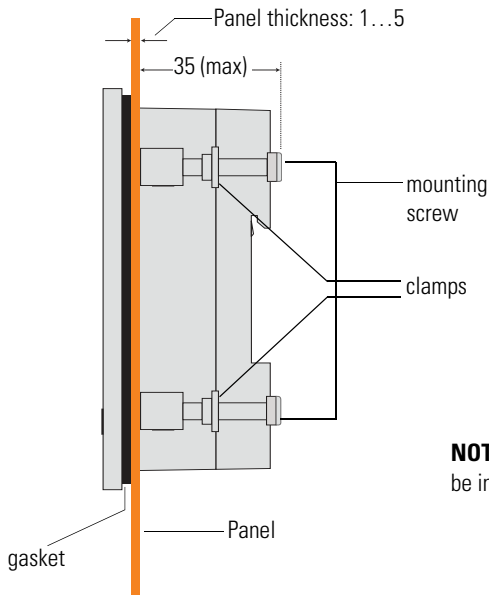
- [Mount the Module in a Panel](#)
- [Mount the Module on a DIN Rail](#)

Mount the Module in a Panel

The Micro800 Remote LCD installs easily on the front panel. Use the clamp accessories shipped with your module to mount it.



Measurements are in millimeters (inches)



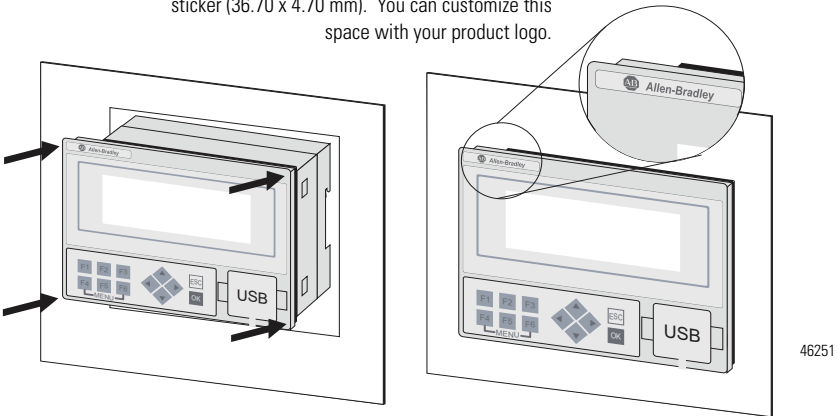
NOTE: The REMLCD module can only be installed through the front panel.

Follow these steps to mount the remote LCD through the front panel.

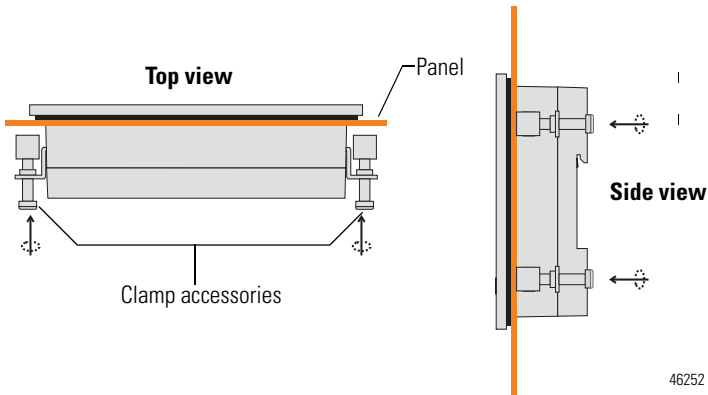
1. Make sure the sealing gasket is properly positioned on the module. This gasket forms a compression type seal. Do not use sealing compounds.
2. Place the module in the panel cutout.

IMPORTANT The module temperature must be greater than 0 °C (32 °F) during panel installation.

The module is shipped with the Allen-Bradley logo sticker (36.70 x 4.70 mm). You can customize this space with your product logo.



3. Once the unit is placed in the panel, tighten the mounting screws evenly to a torque between 0.5...0.6 Nm (4.42...5.31 lb-in.) to maintain water and dust resistance. Make sure the panel is clean and strong enough to hold the unit.



IMPORTANT

Do not push on the LCD display when pushing the terminal into the panel or you may damage the display.

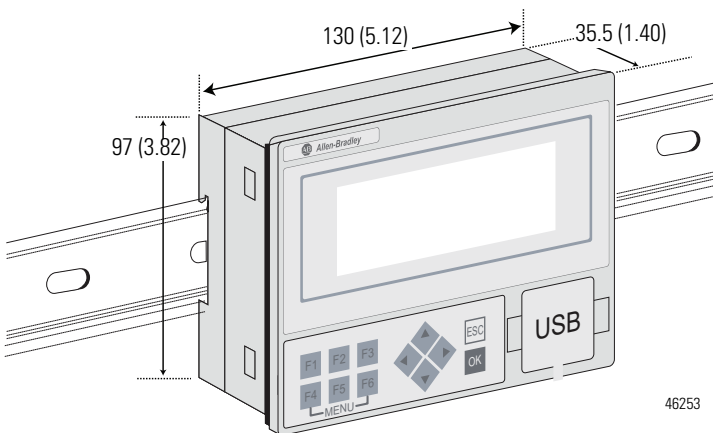


ATTENTION: Follow the instructions to provide a proper seal and to prevent potential damage to the device. Allen-Bradley assumes no responsibility for water or chemical damage to the terminal or other equipment within the enclosure because of improper installation.

Mount the Module on a DIN Rail

The module can be mounted using the following DIN rails: 35 x 7.5 mm and 35 x 15 mm (EN 50 022 - 35 x 7.5 and EN 50 022 - 35 x 15).

The module can be mounted on the same DIN rail as the controller.



Measurements are in millimeters (inches)

Before mounting the module on a DIN rail, use a flat-blade screwdriver in the DIN rail latch and pry it downwards until it is in the unlatched position.

1. Hook the top of the DIN rail mounting area of the Micro800 Remote LCD module onto the DIN rail, and then press the bottom until the module snaps onto the DIN rail.
2. Push the DIN rail latch back into the latched position.

To remove your module from the DIN rail, make sure you pry the DIN rail latch downwards until it is in the unlatched position and slowly disengage the module from the bottom of the rail.

Connect Power

The Micro800 Remote LCD connects to a 24V DC power source. See the [Specifications on page 18](#) for the module power ratings.

The internal, nonisolated power supply is protected against reverse polarity of the DC+ and DC connections.



ATTENTION: Connecting DC+ or DC- source to the functional earth terminal may damage the device. Miswiring the DC+ source to the DC- input while connected to other equipment through nonisolated ports may cause a ground loop current and damage the device.



WARNING: Use supply wires suitable for 30 °C (86 °F) above surrounding ambient.



WARNING: If you connect or disconnect wiring while the 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.

Wire Specifications for the Input Power Terminal Block

The input power terminal block supports these wire sizes.

Wire Type	Dual-wire gauge ⁽¹⁾	Single-wire gauge	Terminal Screw Torque
Stranded or solid Cu 90 °C (194 °F)	0.14...0.75 mm ² (26...18 AWG)	0.14...1.5 mm ² (26...16 AWG)	0.5...0.6 Nm (4.42...5.31 lb-in.)

⁽¹⁾ Two-wire maximum per terminal.



ATTENTION: Disconnect all power before installing or replacing components. Failure to disconnect power may result in electrical shock or damage to the module.

Follow these steps to connect power.

1. Verify that the terminal is not connected to a power source.

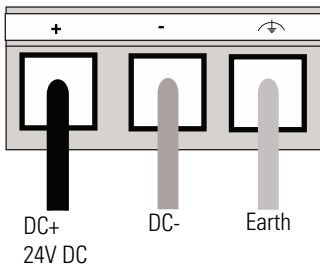
2. Secure the 24V DC power wires.
3. Secure the functional earth ground wire to the functional earth ground terminal screw on the terminal block.
4. Apply 24V DC power to the terminal.

Ground the Module

The optimum method for grounding electronic equipment is to ground it separately from other high-power systems, and to ground more than one unit of electronic equipment with a single-point ground. For example, connect the Micro820 controller to the Remote LCD on the same ground port.


The grounding marked terminal (see the following drawing) is provided on the unit.

IMPORTANT Do not use a ground that has an unstable impedance, such as painted screws, or ground subject to vibration.



ATTENTION: The functional earth connection to ground is mandatory. This connection is required for noise immunity, reliability, and Electromagnetic Compliance (EMC) with the European Union (EU) EMC directive for CE-mark conformance.

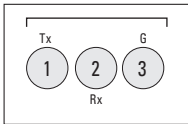
The functional earth terminal wiring requires a minimum wire gauge.

FE symbol	Wire Type	Wire Gauge	Terminal Screw Torque
	Stranded or solid	Cu 90 °C (194 °F)	0.5...0.6 Nm (4.42...5.31 lb-in.)

RS232 Port

The RS232 port interface allows the Micro800 Remote LCD module to communicate with the Micro800 controller. Belden #9608 (or equivalent) shielded, three conductor cable, designed for RS232 applications, must be used. Below are pin assignments for the RS232 port terminal block on the REMLCD.

RS232 Serial Port Terminal Block



46259

(View into terminal block)

Pin 1 RS232 TXD

Pin 2 RS232 RXD

Pin 3 RS232 GND

2080-REMLCD to Micro820 Serial Port Terminal Block Wiring Diagram

2080-REMLCD Serial Port Terminal Block			Micro820 Serial Port Terminal Block	
Signal	Pin number		Pin number	Signal
RS232 TX	1	<----->	4	RX RS232
RS232 RX	2	<----->	5	TX RS232
RS232 G	3	<----->	6	G RS232

USB Port

The Micro800 Remote LCD terminal has a USB port, which enables users to download projects into the controller. You must connect the Micro800 Remote LCD device port to a USB host that is connected to the same ground system.



WARNING: If you connect or disconnect the communications cable with power applied to this module or any device on the network, 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.



WARNING: The USB port is intended for temporary local programming purposes only and not intended for permanent connection. If you connect or disconnect the USB cable with power applied to this module or any device on the USB network, 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.



ATTENTION: Do not use the USB port in hazardous locations.

Specifications

General Specifications

Attribute	Value
Dimensions, HxWxD	97 x 130 x 35.5 mm (3.82 x 5.12 x 1.40 in.)
Display type	192 x 64 pixel monochrome
Display size	48 x 106.5 mm (1.89 x 4.19 in.)
Backlight	25000 hrs @ 25 °C LED; tricolor backlight (RGB)
Operator input	Tactile keys (function keys, arrow keys, ESC and OK keys)
Programming port	USB to serial converter for programming the controller
Input supply voltage	12V/24V DC (±10%)
Input supply current, max	90 mA @ 12V and 60 mA @ 24V
Power consumption, max	1.5 W
Weight, approx.	405 g (0.89 lb) – includes packaging weight
Wire size	Single-wire gauge: 0.14...1.5 mm ² (26...16 AWG) rated @ 90 °C (194 °F) Dual-wire gauge: 0.14...0.75 mm ² (26...18 AWG) rated @ 90 °C (194 °F)
Wire type	Copper
Wiring category ⁽¹⁾	3 – on power ports 3 – on communication port
Enclosure type ratings	Meets IP65 (when front panel mounted)
North American temp code	T4

⁽¹⁾ Use this conductor category 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...50 °C (-4...122 °F)
Temperature, surrounding air, max	50 °C (122 °F)
Temperature, nonoperating	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): -30...80 °C (-22...176 °F)
Relative humidity	IEC 60068-2-30 (Test Db, Unpackaged Damp Heat): 5...95% noncondensing
Vibration	IEC 60068-2-6 (Test Fc, Operating): 2 g @ 10...500 Hz
Shock, operating	IEC 60068-2-27 (Test Ea, Unpackaged Shock): 25 g
Shock, non-operating	IEC 60068-2-27 (Test Ea, Unpackaged Shock): DIN Mount: 25 g PANEL Mount: 45 g
Emissions	CISPR 11 (IEC 61000-6-4): Class A
ESD immunity	IEC 61000-4-2: 4 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 @ 900 MHz 10V/m with 200 Hz 50% Pulse 100% AM @ 1890 MHz 10V/m with 1 kHz sine-wave 80% AM from 2000...2700 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 E322657. UL Listed for Class I, Division 2 Group A,B,C,D Hazardous Locations, certified for U.S. and Canada. See UL File E334470.
CE	European Union 2004/108/EC 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)
C-Tick	Australian Radiocommunications Act, compliant with: AS/NZS CISPR 11; Industrial Emissions
KC	Korean Registration of Broadcasting and Communications Equipment, compliant with: Article 58-2 of Radio Waves Act, Clause 3

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

Micro800 Remote LCD Cutout Template



Notes:

Notes:

Rockwell Automation Support

Rockwell Automation provides technical information on the Web to assist you in using its products. At <http://support.rockwellautomation.com>, you can find technical manuals, a knowledge base of FAQs, technical and application notes, sample code and links to software service packs, and a MySupport feature that you can customize to make the best use of these tools.

For an additional level of technical phone support for installation, configuration and troubleshooting, we offer TechConnect support programs. For more information, contact your local distributor or Rockwell Automation representative, or visit <http://support.rockwellautomation.com>.

Installation Assistance

If you experience a problem within the first 24 hours of installation, please review the information that's contained in this manual. You can also contact a special Customer Support number for initial help in getting your product up and running.

United States	1.440.646.3434 Monday – Friday, 8 a.m. – 5 p.m. EST
Outside United States	Please contact your local Rockwell Automation representative for any technical support issues.

New Product Satisfaction Return

Rockwell Automation tests all of its products to ensure that they are fully operational when shipped from the manufacturing facility. However, if your product is not functioning and needs to be returned, follow these procedures.

United States	Contact your distributor. You must provide a Customer Support case number (call the phone number above to obtain one) to your distributor in order to complete the return process.
Outside United States	Please contact your local Rockwell Automation representative for the return procedure.

Allen-Bradley, Rockwell Automation, Micro800, Micro820, and TechConnect are trademarks of Rockwell Automation, Inc.

Trademarks not belonging to Rockwell Automation are property of their respective companies.

Rockwell Otomasyon Ticaret A.Ş., Kar Plaza İş Merkezi E Blok Kat:6 34752 İçerenköy, İstanbul, Tel: +90 (216) 5698400

www.rockwellautomation.com

Power, Control and Information Solutions Headquarters

Americas: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204-2496 USA, Tel: (1) 414.382.2000, Fax: (1) 414.382.4444

Europe/Middle East/Africa: Rockwell Automation, Vorstlaan/Boulevard du Souverain 36, 1170 Brussels, Belgium, Tel: (32) 2 663 0600, Fax: (32) 2 663 0640

Asia Pacific: Rockwell Automation, Level 14, Core F, Cyberport 3, 100 Cyberport Road, Hong Kong, Tel: (852) 2887 4788, Fax: (852) 2508 1846

Publication 2080-IN010B-EN-P - May 2015

Supersedes Publication 2080-IN010A-EN-P - December 2013

Copyright © 2015 Rockwell Automation, Inc. All rights reserved.