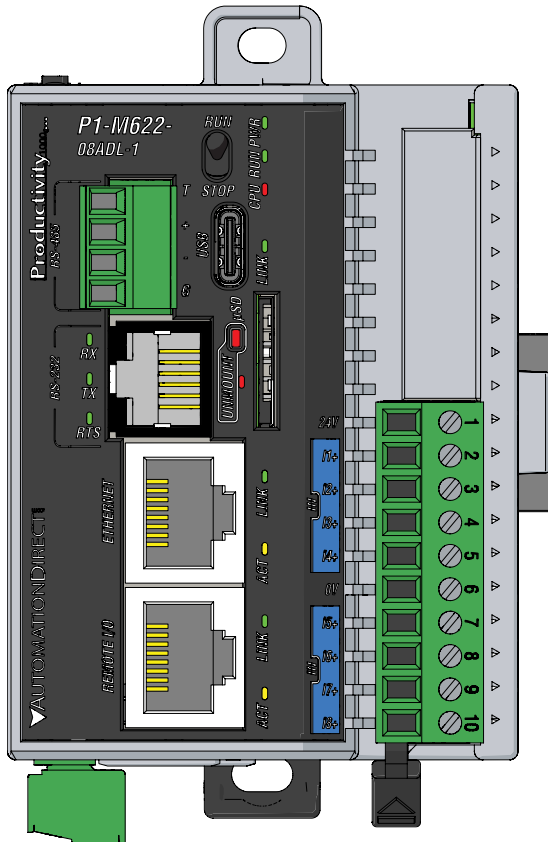


## P1-M622-08ADL-1

The P1-M622-08ADL-1 is a P1000 CPU with eight current sinking channels for converting 0–20 mA analog signals to digital value of 0–8191 (13-bit). This PLC can be used as a stand-alone controller for small applications, or expanded with 4 additional P1000 I/O modules.



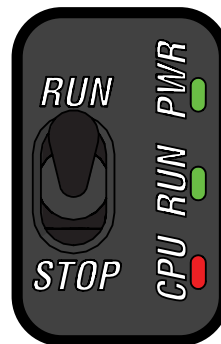
|                                                   |    |
|---------------------------------------------------|----|
| CPU Specifications . . . . .                      | 2  |
| CPU Status Indicators . . . . .                   | 2  |
| CPU Front Panel . . . . .                         | 3  |
| Input Specifications . . . . .                    | 3  |
| Module Installation Procedure . . . . .           | 4  |
| Wiring Options . . . . .                          | 4  |
| Schematic and Wiring Diagrams . . . . .           | 5  |
| RS-232 Specifications . . . . .                   | 6  |
| RS-485 Specifications . . . . .                   | 6  |
| MicroSD Specifications . . . . .                  | 7  |
| Ethernet Specifications . . . . .                 | 8  |
| USB-C Specifications . . . . .                    | 8  |
| Removable Terminal Block Specifications . . . . . | 9  |
| General Specifications . . . . .                  | 10 |
| Warning . . . . .                                 | 12 |

Terminal Block sold separately, (see wiring options on page 4).

| CPU Specifications                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       |     |                 |                 |                 |                  |                |                  |               |          |                 |       |                |                |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----|-----------------|-----------------|-----------------|------------------|----------------|------------------|---------------|----------|-----------------|-------|----------------|----------------|
| <b>User Memory</b>                            | 50MB (Includes program, data and documentation)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       |     |                 |                 |                 |                  |                |                  |               |          |                 |       |                |                |
| <b>Memory Type</b>                            | Flash and Battery Backed RAM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                       |     |                 |                 |                 |                  |                |                  |               |          |                 |       |                |                |
| <b>Retentive Memory</b>                       | 512KB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |     |                 |                 |                 |                  |                |                  |               |          |                 |       |                |                |
| <b>Scan Time</b>                              | 1.9ms (1K Boolean, Max I/O)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       |     |                 |                 |                 |                  |                |                  |               |          |                 |       |                |                |
| <b>External Power Required</b>                | 24VDC $\pm 2\%$ @ 5W plus 1.25 W per additional I/O module                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |     |                 |                 |                 |                  |                |                  |               |          |                 |       |                |                |
| <b>Protection Circuit</b>                     | Not built into module – Install protection element such as Edison S5601-R, Time Delay, 1A Fuse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |     |                 |                 |                 |                  |                |                  |               |          |                 |       |                |                |
| <b>Communications;<br/>5 Integrated Ports</b> | <p><b>USB:</b> Programming, Monitoring, Debug, Firmware</p> <p><b>ETHERNET:</b> (10/100Mbps Ethernet) Programming, Monitoring, Debug, Firmware, Email SMTP Client, Modbus TCP Client (32 Servers) and Server (16 Clients), Ethernet IP Scanner (32 Adapters) and Adapter (4 scanners) with 8 connections per device. Custom Protocol over Ethernet, ProNet, MQTT/MQTTS.</p> <p><b>REMOTE I/O:</b> 16 GS Drives*, 4 ProtosX TCP couplers, 4 P1-RX remote bases, 1 PS-AMC module</p> <p><b>RS-232:</b> (RJ12, 1200-115.2k Baud) ASCII, Modbus</p> <p><b>RS-485:</b> Removable Terminal Included, (1200-115.2k Baud) ASCII, Modbus RTU</p> |                       |     |                 |                 |                 |                  |                |                  |               |          |                 |       |                |                |
| <b>Data Logging</b>                           | MicroSD card slot                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |     |                 |                 |                 |                  |                |                  |               |          |                 |       |                |                |
| <b>Hardware Limits of System</b>              | <p><b>Onboard I/O Points:</b> 8 0–20 mA inputs</p> <p><b>Expansion I/O Point Limit:</b> 64 (4 modules with up to 16 points each)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                       |     |                 |                 |                 |                  |                |                  |               |          |                 |       |                |                |
| <b>Instruction Types</b>                      | <table> <tr> <td>Application Functions</td><td>PID</td></tr> <tr> <td>Array Functions</td><td>Program Control</td></tr> <tr> <td>Counters/Timers</td><td>String Functions</td></tr> <tr> <td>Communications</td><td>System Functions</td></tr> <tr> <td>Data Handling</td><td>Contacts</td></tr> <tr> <td>Drum Sequencers</td><td>Coils</td></tr> <tr> <td>Math Functions</td><td>Motion Control</td></tr> </table>                                                                                                                                                                                                                     | Application Functions | PID | Array Functions | Program Control | Counters/Timers | String Functions | Communications | System Functions | Data Handling | Contacts | Drum Sequencers | Coils | Math Functions | Motion Control |
| Application Functions                         | PID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                       |     |                 |                 |                 |                  |                |                  |               |          |                 |       |                |                |
| Array Functions                               | Program Control                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       |     |                 |                 |                 |                  |                |                  |               |          |                 |       |                |                |
| Counters/Timers                               | String Functions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                       |     |                 |                 |                 |                  |                |                  |               |          |                 |       |                |                |
| Communications                                | System Functions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                       |     |                 |                 |                 |                  |                |                  |               |          |                 |       |                |                |
| Data Handling                                 | Contacts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |     |                 |                 |                 |                  |                |                  |               |          |                 |       |                |                |
| Drum Sequencers                               | Coils                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |     |                 |                 |                 |                  |                |                  |               |          |                 |       |                |                |
| Math Functions                                | Motion Control                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |     |                 |                 |                 |                  |                |                  |               |          |                 |       |                |                |
| <b>Real Time Clock Accuracy</b>               | <p><math>\pm 2s</math> per day at typical 25°C</p> <p><math>\pm 10s</math> per day maximum at 60°C</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                       |     |                 |                 |                 |                  |                |                  |               |          |                 |       |                |                |

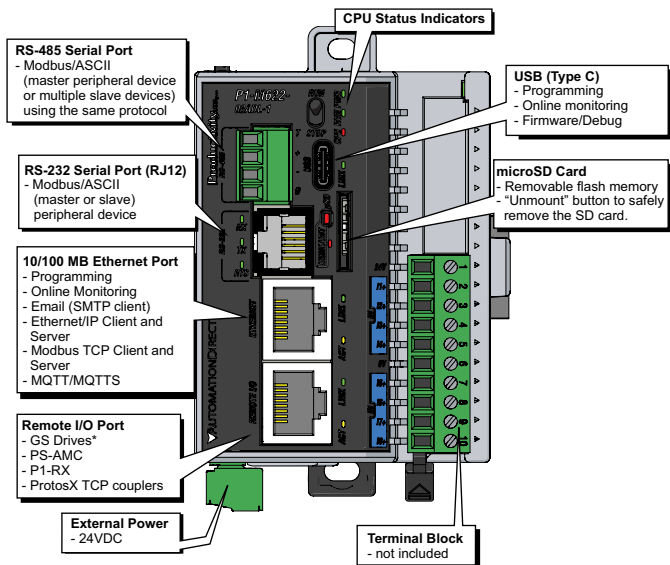
\*GS drive requires communication module/ card

| CPU Status Indicators |                                                                                 |
|-----------------------|---------------------------------------------------------------------------------|
| <b>PWR</b>            | Green LED is illuminated when power is ON                                       |
| <b>RUN</b>            | Green LED is illuminated when CPU is in RUN mode                                |
| <b>CPU</b>            | Red LED is illuminated during power ON reset, power down, or watch-dog time-out |



| CPU Run/Stop Switch Specifications |                                                             |
|------------------------------------|-------------------------------------------------------------|
| <b>RUN position</b>                | Executes user program, run-time edits possible              |
| <b>STOP position</b>               | Does not execute user program, normal program load position |

# CPU Front Panel



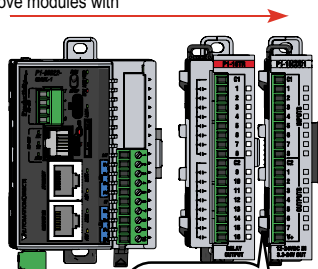
\*GS Drive requires communications module/card  
Feature availability may require current software version.

| Input Specifications                                           |                                                     |
|----------------------------------------------------------------|-----------------------------------------------------|
| <b>Input Channels</b>                                          | 8                                                   |
| <b>Module Signal Input Range</b>                               | 0–20 mA                                             |
| <b>Signal Resolution</b>                                       | 13-bit                                              |
| <b>Resolution Value of LSB (least significant bit)</b>         | 0–20 mA = 2.44μA per count (1LSB = 1 count)         |
| <b>Data Range</b>                                              | 0–8191 counts                                       |
| <b>Input Type</b>                                              | Sinking, Single-ended (1 common)                    |
| <b>Maximum Continuous Overload</b>                             | ±31mA                                               |
| <b>Input Impedance</b>                                         | 243Ω, ±1%, 1/8W Current Input                       |
| <b>Filter Characteristics</b>                                  | Low Pass, -3dB @ 120Hz                              |
| <b>Sample Duration Time</b>                                    | 2ms per channel (does not include ladder scan time) |
| <b>All Channel Update Rate</b>                                 | 20ms                                                |
| <b>Open Circuit Detection Time</b>                             | Zero reading within 100ms                           |
| <b>Conversion Method</b>                                       | Successive approximation                            |
| <b>Accuracy vs. Temperature</b>                                | ±75PPM / °C maximum                                 |
| <b>Maximum Inaccuracy</b>                                      | 0.5% of range (including temperature drift)         |
| <b>Linearity Error (end to end)</b>                            | ±0.037% of range<br>Monotonic with no missing codes |
| <b>Input Stability and Repeatability</b>                       | ±0.024% of range                                    |
| <b>Maximum Full Scale Calibration Error (Including Offset)</b> | ±0.098% of range                                    |
| <b>Maximum Offset Calibration Error</b>                        | ±0.098% of range                                    |
| <b>Max Crosstalk at DC, 50Hz and 60Hz</b>                      | ±0.049% of range                                    |
| <b>Recommended External Fuse</b>                               | Edison S500-32-R, 0.032 A fuse                      |
| <b>External Power Supply Required</b>                          | 24VDC (-20% / + 25%), 30mA                          |

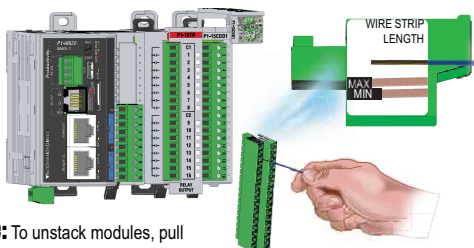
# Module Installation

**WARNING:** Do not add or remove modules with field power applied.

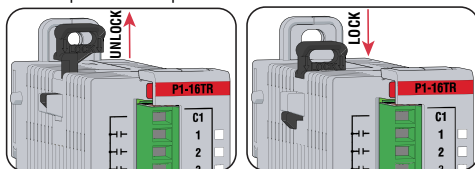
**Step One:** With latch in "locked" position, align connectors on the side of each module and stack by pressing together. Click indicates lock is engaged.



**Step Two:** Attach field wiring using the removable terminal block or **ZIPLink** wiring system.



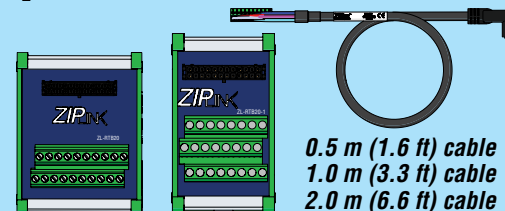
**Step Three:** To unstack modules, pull locking latch up into the unlocked position and then pull modules apart.



Check all latches are secure after modules are connected.

## Wiring Options

### 1 **ZIPLink** Feed Through Modules and Cables<sup>1</sup>

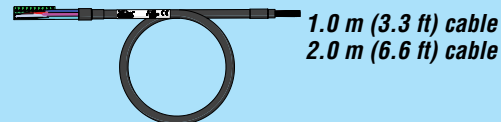


**ZIP**INK  
AUTOMATIONDIRECT

ZL-RTB20  
ZL-RTB20-1

ZL-P1-CBL10  
ZL-P1-CBL10-1  
ZL-P1-CBL10-2

### 2 Terminal Block with pigtail cable



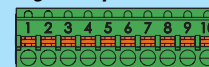
ZL-P1-CBL10-1P  
ZL-P1-CBL10-2P

### 3 Screw Terminal Block only



P1-10RTB  
(Quantity 1)

### 4 Spring Clamp Terminal Block only



P1-10RTB-1  
(Quantity 1)

### 5 Accessories<sup>2</sup>



ZL-RTB-COM

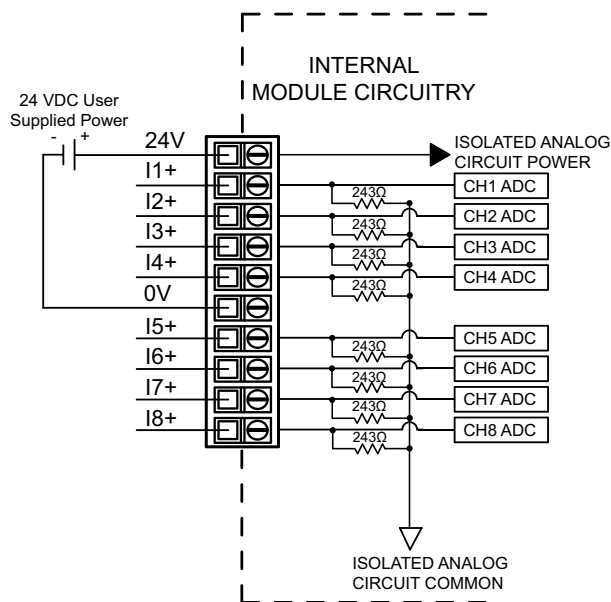
TW-SD-SL-1

TW-SD-MSL-1

1. Cable + **ZIPLink** Module = Complete System

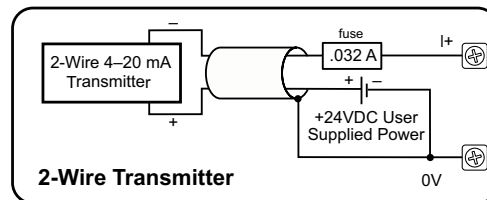
2. ZL-RTB-COM provides a common connection point for power or ground

# Schematic and Wiring Diagram

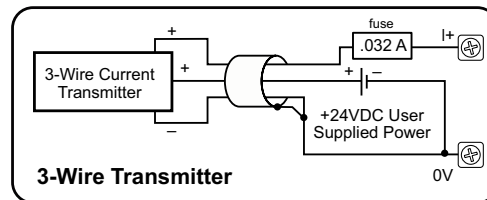


## Current Input Circuits

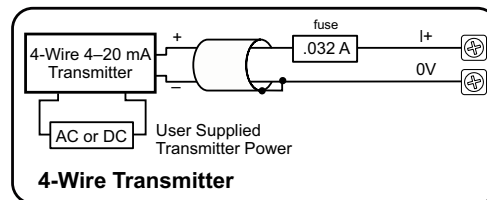
An Edison S500-32-R 0.032 A fast-acting fuse is recommended for current loops.



**2-Wire Transmitter**



**3-Wire Transmitter**

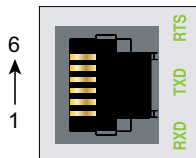


**4-Wire Transmitter**

Note: Do not connect both ends of shield.

# Port Specifications

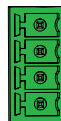
| RS-232 Specifications                  |                                                                                                                                                    |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Port Name</b>                       | <b>RS-232</b>                                                                                                                                      |
| <b>Description</b>                     | Non-isolated RS-232 DTE port connects the CPU as a Modbus/ASCII master or slave to a peripheral device. Includes ESD and built-in surge protection |
| <b>Data Rates</b>                      | Selectable, 1200, 2400, 4800, 9600, 19200, 33600, 38400, 57600, and 115200                                                                         |
| <b>+5V Cable Power Source</b>          | 210mA maximum at 5V, $\pm 5\%$ . Reverse polarity and overload protected                                                                           |
| <b>TXD</b>                             | RS-232 Transmit output                                                                                                                             |
| <b>RXD</b>                             | RS-232 Receive input                                                                                                                               |
| <b>RTS</b>                             | Handshaking output for modem control                                                                                                               |
| <b>GND</b>                             | Logic ground                                                                                                                                       |
| <b>Maximum Output Load (TXD/RTS)</b>   | 3k $\Omega$ , 1000 pF                                                                                                                              |
| <b>Minimum Output Voltage Swing</b>    | $\pm 5$ V                                                                                                                                          |
| <b>Output Short Circuit Protection</b> | $\pm 15$ mA                                                                                                                                        |
| <b>Port Status LED</b>                 | Green LED is illuminated when active for TXD, RXD and RTS                                                                                          |
| <b>Cable Options</b>                   | EA-MG-PGM-CBL<br>D2-DSCBL<br>USB-RS232-1 with D2-DSCBL<br>FA-CABKIT<br>FA-ISOCN for converting RS-232 to isolated RS-485                           |



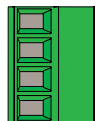
6-pin RJ12 Female Modular Connector

| Pin # | Signal |               |
|-------|--------|---------------|
| 6     | GND    | Logic Ground  |
| 5     | RTS    | RS-232 Output |
| 4     | TXD    | RS-232 Output |
| 3     | RXD    | RS-232 Input  |
| 2     | +5V    | 210mA Maximum |
| 1     | GND    | Logic Ground  |

| RS-485 Port Specifications                                |                                                                                                                                                                                            |
|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Port Name</b>                                          | <b>RS-485</b>                                                                                                                                                                              |
| <b>Description</b>                                        | Non-isolated RS-485 port connects the CPU as a Modbus/ASCII master or slave to a peripheral device. Includes ESD/EFT protection and automatic echo cancellation when transmitter is active |
| <b>Data Rates</b>                                         | Selectable, 1200, 2400, 4800, 9600, 19200, 33600, 38400, 57600, and 115200                                                                                                                 |
| <b>TXD+/RXD+</b>                                          | RS-485 transceiver high                                                                                                                                                                    |
| <b>TXD-/RXD-</b>                                          | RS-485 transceiver low                                                                                                                                                                     |
| <b>GND</b>                                                | Logic ground                                                                                                                                                                               |
| <b>Input Impedance</b>                                    | 19k $\Omega$                                                                                                                                                                               |
| <b>Termination Resistance (TB Jumper Wire "T" to "+")</b> | 120 $\Omega$ . To use, add a jumper between "T" and "+". Resistor is internally connected between "T" and "-".                                                                             |
| <b>Maximum Load</b>                                       | 50 transceivers, 19k $\Omega$ each, 60 $\Omega$ termination                                                                                                                                |
| <b>Output Short Circuit Protection</b>                    | $\pm 250$ mA, thermal shut-down protection                                                                                                                                                 |
| <b>Electrostatic Discharge Protection</b>                 | Contact $\pm 4$ KV, Air $\pm 8$ KV per IEC1000-4-2<br>Cable is installed for testing                                                                                                       |
| <b>Electrical Fast Transient Protection</b>               | $\pm 1$ KV per IEC1000-4-4                                                                                                                                                                 |
| <b>Minimum Differential Output Voltage</b>                | 1.5 V with 60 $\Omega$ load                                                                                                                                                                |
| <b>Fail Safe Inputs</b>                                   | Logic high input state if inputs are unconnected                                                                                                                                           |
| <b>Maximum Common Mode Voltage</b>                        | -7.5 V to 12.5 V                                                                                                                                                                           |
| <b>Port Status LED</b>                                    | Green LED illuminated when active for TXD and RXD                                                                                                                                          |
| <b>Cable Options</b>                                      | Go to AutomationDirect.com for RS-232 and RS-485 cables                                                                                                                                    |



RS-485

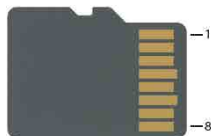


PCON-KIT

| Pin # | Signal      |
|-------|-------------|
| G     | GND         |
| -     | TXD-/RXD-   |
| +     | TXD+/RXD+   |
| T     | TERMINATION |

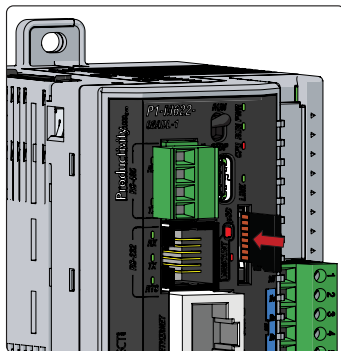
| microSD Specifications                          |                                                         |         |         |         |
|-------------------------------------------------|---------------------------------------------------------|---------|---------|---------|
| <b>Port Name</b>                                | <b>microSD</b>                                          |         |         |         |
| <b>Description</b>                              | Standard microSD socket for data logging                |         |         |         |
| <b>Maximum Card Capacity</b>                    | 32GB SDHC                                               |         |         |         |
| <b>Transfer Rate<br/>(Class 4 memory card)*</b> | Mbps                                                    | Minimum | Typical | Maximum |
|                                                 | Read                                                    | 14.3    | 14.4    | 14.6    |
|                                                 | Write                                                   | 4.8     | 4.9     | 5.1     |
| <b>Port Status LED</b>                          | Green LED is illuminated when card is inserted/detected |         |         |         |

\*Supported microSD MICSD-16G



| Pin | SD      |
|-----|---------|
| 1   | DAT2    |
| 2   | CD/DAT3 |
| 3   | CMD     |
| 4   | VDD     |
| 5   | CLK     |
| 6   | VSS     |
| 7   | DAT0    |
| 8   | DAT1    |

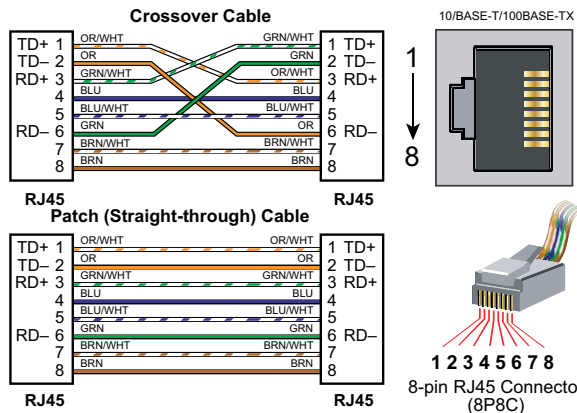
NOTE: Card not included with unit.



# Port Specifications

| Ethernet Specifications |                                                                                                                                                                                                                 |                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Port Name               | ETHERNET                                                                                                                                                                                                        |                                                                                                                                                                                     |
| Description             | Standard transformer isolated Ethernet port with built-in surge protection for programming, online monitoring and ethernet communication protocols.<br>See table on page 2 for supported devices and protocols. | Standard transformer isolated Ethernet port with built-in surge protection for connection to supported remote I/O devices.<br>See table on page 2 for supported remote I/O devices. |
| Transfer Rate           | 10 Mbps and 100 Mbps (auto-crossover)                                                                                                                                                                           |                                                                                                                                                                                     |
| Port Status LED         | LINK (Amber LED) is solid when network LINK is established. ACT (Green LED) flashes when port is active.                                                                                                        |                                                                                                                                                                                     |

| USB-C Specifications |                                                                                                                                                                        |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Port Name            | USB-C                                                                                                                                                                  |
| Description          | Standard USB-C Slave input for programming and online monitoring and firmware update with built-in surge protection. Not compatible with older full speed USB devices. |
| Transfer Rate        | 480 Mbps                                                                                                                                                               |
| Port Status LED      | Green LED is illuminated when LINK is established to programming software.                                                                                             |
| Cables               | USB Type A to Micro USB Type C:<br>6ft cable part # USB-CBL-AC6                                                                                                        |

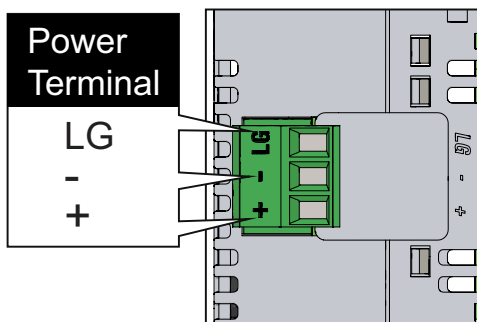




| Power Removable Terminal Block Specifications |                                                           |
|-----------------------------------------------|-----------------------------------------------------------|
| <b>Part Number</b>                            | PCON-KIT                                                  |
| <b>Number of Positions</b>                    | 3 Screw Terminals                                         |
| <b>Pitch</b>                                  | 3.5 mm                                                    |
| <b>Wire Range</b>                             | 28–16 AWG Solid Conductor<br>28–16 AWG Stranded Conductor |
| <b>Screw Driver Width</b>                     | 1/8 in (3.175 mm) Maximum                                 |
| <b>Screw Size</b>                             | M2                                                        |
| <b>Screw Torque</b>                           | 1.7 lb-in (0.4 N-m)                                       |

| Input/Output Removable Terminal Block Specifications |                                                                                                                                           |                                                                                                                                             |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Part Number</b>                                   | <b>P1-10RTB</b>                                                                                                                           | <b>P1-10RTB-1</b>                                                                                                                           |
| <b>Positions</b>                                     | 10 Screw Terminals                                                                                                                        | 10 Spring Clamp Terminals                                                                                                                   |
| <b>Wire Range</b>                                    | 30–16 AWG (0.051–1.31 mm <sup>2</sup> )<br>Solid / Stranded Conductor<br>3/64 in (1.2 mm) Insulation Max.<br>1/4 in (6–7 mm) Strip Length | 28–16 AWG (0.081–1.31 mm <sup>2</sup> )<br>Solid / Stranded Conductor<br>3/64 in (1.2 mm) Insulation Max.<br>19/64 in (7–8 mm) Strip Length |
| <b>Conductors</b>                                    | "USE COPPER CONDUCTORS, 75°C" or equivalent.                                                                                              |                                                                                                                                             |
| <b>Screw Driver</b>                                  | 0.1 in (2.5 mm) Maximum*                                                                                                                  |                                                                                                                                             |
| <b>Screw Size</b>                                    | M2                                                                                                                                        | N/A                                                                                                                                         |
| <b>Screw Torque</b>                                  | 2.5 lb-in (0.28 N-m)                                                                                                                      | N/A                                                                                                                                         |

\*Recommended Screw Driver TW-SD-MSL-1



| General Specifications                 |                                                                                                                        |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>Operating Temperature</b>           | 0° to 60°C (32° to 140°F)                                                                                              |
| <b>Storage Temperature</b>             | -20° to 70°C (-4° to 158°F)                                                                                            |
| <b>Humidity</b>                        | 5 to 95% (non-condensing)                                                                                              |
| <b>Altitude</b>                        | 2,000 meters max                                                                                                       |
| <b>Pollution Degree</b>                | 2                                                                                                                      |
| <b>Environmental Air</b>               | No corrosive gases permitted                                                                                           |
| <b>Vibration</b>                       | IEC60068-2-6 (Test Fc)                                                                                                 |
| <b>Shock</b>                           | IEC60068-2-27 (Test Ea)                                                                                                |
| <b>Overvoltage Category</b>            | II                                                                                                                     |
| <b>Field to Logic Side Isolation</b>   | 1800VAC applied for 1 second                                                                                           |
| <b>Insulation Resistance</b>           | > 10MΩ @ 500VDC                                                                                                        |
| <b>Heat Dissipation</b>                | 3W                                                                                                                     |
| <b>Enclosure Type</b>                  | Open Equipment                                                                                                         |
| <b>Module Location</b>                 | Controller in a Productivity1000 System.                                                                               |
| <b>Field Wiring</b>                    | Removable terminal block (sold separately). Use <b>ZIP</b> Link Wiring System optional See "Wiring Options" on page 4. |
| <b>Terminal Type (sold separately)</b> | 10-position Removable Terminal Block                                                                                   |
| <b>Weight</b>                          | 164g (5.78 oz)                                                                                                         |
| <b>Agency Approvals</b>                | UL 61010-1 and UL 61010-2-201 File E139594, Canada & USA<br>CE (EN 61131-2 EMC, EN 61010-1 and EN 61010-2-201 Safety)* |

\*See CE Declaration of Conformance for details.



**WARNING:** To minimize the risk of potential safety problems, you should follow all applicable local and national codes that regulate the installation and operation of your equipment. These codes vary from area to area and it is your responsibility to determine which codes should be followed, and to verify that the equipment, installation, and operation are in compliance with the latest revision of these codes.

***Equipment damage or serious injury to personnel can result from the failure to follow all applicable codes and standards. We do not guarantee the products described in this publication are suitable for your particular application, nor do we assume any responsibility for your product design, installation, or operation.***

If you have any questions concerning the installation or operation of this equipment, or if you need additional information, please call Technical Support at 770-844-4200.

This publication is based on information that was available at the time it was printed. At AutomationDirect.com® we constantly strive to improve our products and services, so we reserve the right to make changes to the products and/or publications at any time without notice and without any obligation. This publication may also discuss features that may not be available in certain revisions of the product.

| Document Name      | Edition/Revision | Date      |
|--------------------|------------------|-----------|
| P1-M622-08ADL-1-DS | 1st Edition      | 5/14/2025 |

Copyright 2025, AutomationDirect.com Incorporated/All Rights Reserved Worldwide