

Installation Instructions

Bulletin 1485P KwikLink™ Lite, 5-Pin Insulated Displacement connector

IMPORTANT: SAVE THESE INSTRUCTIONS FOR FUTURE USE.
Refer to the product catalog pages for additional information.

Safety Precautions

- Do not pull on the connector or the cable. The connector may be damaged or the cable conductors may be broken.
- To prevent connector damage and broken cable conductors, install the cable and connector in locations where they will not be stepped on, entangled in people's legs, or otherwise subjected to excessive stain. If installation in such locations cannot be avoided, install protective covers to protect the connector and cable.
- Do not mate the connector in the wrong direction. The connector may be damaged.
- Do not use the connector if the lock lever is broken. The connector may become disconnected, possibly causing machine malfunction.
- When installing the cable, do not bend it past the specifications given for the cable.
- Do not apply a current exceeding the rated current.
- Do not use pliers or similar tools to remove the connector.
- Hold the connector firmly when working on it, but do not apply excessive force to it.
- Once a connector has been assembled, do not take it apart and reuse it. If the assembly is not successful, use a new connector.
- This connector is not water-proof. Do not allow it to be subjected to water or oil during operation
- Wire correctly and double-check all the wiring before turning ON the power supply.

Precautions for Correct Use

- Operating Environment Precautions
 - Do not install the control system in the following locations.
 - Locations subject to direct sunlight
 - Locations subject to temperatures or humidity outside the range specified in the specifications
 - Locations subject to condensation as a result of severe changes in temperature
 - Locations subject to corrosive or flammable gases
 - Locations subject to dust (especially iron dust) or salts
 - Locations subject to exposure to water, oil, or chemicals
 - Locations subject to shock or vibration

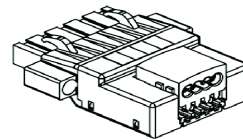
Take appropriate and sufficient countermeasures when using systems in the following locations

- Locations subject to static electricity or other forms of noise
- Locations subject to strong electromagnetic fields
- Locations close to power lines

- Wiring Work
 - Do not perform wiring work or connect/disconnect the connector while the power supply is ON. Electrical shock or machine malfunction may result.
 - Wire the cable according to the wiring diagrams for the machine being used.
 - Confirm that there are no short-circuits caused by wires sticking out of the connector
 - Do not drop the connectors or give the connectors excessive vibration or shock. Doing so may cause a failure or malfunction
 - Wire correctly as specified in the manual.
 - Do not pull on the cables or bend the cables beyond their natural limit.
 - Abide by the specifications for a communication distance and the number of units to be connected.
- Connecting the Connector
 - Always hold onto the body of the connector when connecting/disconnecting the connector.
 - Be sure the connector is connected all the way to the back and then pull in the reverse direction to be sure the connector will not disconnect.
 - Confirm that cable labels and cable colors match before connecting the cable.

Parts and Nomenclature

1485P-K1G4-Y5



AB Parts

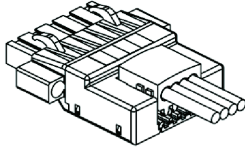
Wiring Procedure

1. Cutting the Cable

- Cut cables perpendicular to the length of the cable
- To prevent short-circuits, cut the cable with a sharp instrument and be sure there are no whiskers on the conductors.

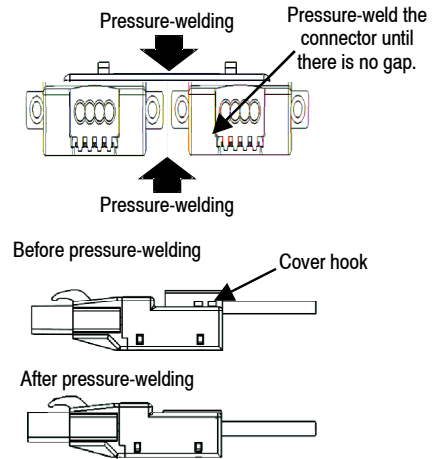
2. Connecting the Cable

- Align the cable labels and cable colors, and place the cable on the connector.
- The cover is translucent. Visually confirm that the cable has been inserted all the way to the back.



3. Assembling the Connector

- Before assembling connectors, check that the cable is inserted all way to the cable stopper and be sure that it is securely connected.
- Grip the connector in the center with the crimp tool and assemble the connector. When finished, confirm that the connector has been properly assembled.
- Confirm that the locks on the housing are completely caught on the hooks on the cover.



Basic Specifications

Rated current	5 A
Rated voltage	25V DC

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