SeaI/O-463 Ribbon Cable QuickStart

SeaI/O-463 Ribbon Cable

The SeaI/O-463 digital I/O interface module provides 96 channels of buffered drive digital I/O. The interface module addresses the 96 channels of I/O as 12 eight-bit ports, each programmable as input or output. Using standard 50-pin IDC ribbon cables, connect up to four industry standard relay racks for PC based control and automation of equipment including sensors, switches, security control systems, and other industrial automation systems.

ESD Warning

Be sure to follow ESD procedures by grounding yourself and the SeaI/O module. Do not perform these instructions with power connected.

Ribbon Cable Installation

1. Remove the terminal block from the left side and then remove the two black screws from each side of the module.
2. On the front right side of the module, wedge a slotted screwdriver between the top and bottom halves and pry upwards. A pem in the top half must clear the metal lip in the bottom half of the enclosure. Remove the top half of the enclosure.
3. Inside the bottom half of the enclosure, remove the two screws from the metal strain relief, located at the front of the enclosure.
4. Turn the bottom half of the enclosure upside down and remove the three screws from the bottom to release the front plate. Turn the enclosure back over and set the front plate to the side.
5. Install up to four industry-standard ribbon cables in the 50-pin header connectors. Feed the cables through the slot on the front of the enclosure.
6. Replace the front plate and install the three screws in the bottom of the module.
7. Replace the metal strain relief. Start both screws and tighten only until snug. Do not overtighten.
8. Replace the top half by starting with the left side over the connectors and then snapping the right side down into place. Replace both screws on each side and then replace the terminal block on the left side.
9. Continue with installation of the SeaI/O-463. Refer to the manual for further installation instructions.

Industry-Standard Ribbon Cables

- ⏩ Item# CA167 - 40" IDC 50-Pin to IDC 50-Pin Ribbon Cable
- ⏩ Item# CA197 - 18" IDC 50-Pin to IDC 50-Pin Ribbon Cable
- ⏩ Item# CA135 - 40" IDC 50-Pin to IDC 50-Pin Edge Connector Ribbon Cable

Optional Items

- ⏩ Item# CA332 – 72" USB cable with both SeaLATCH type A and type B USB connectors
- ⏩ Item# CA355 – 72" USB cable with standard type B and SeaLATCH type A connectors
- ⏩ Item# CA356 – 72" USB cable with SeaLATCH type B and standard type A connectors (replacement for included SeaLATCH cable)
- ⏩ Item# CA179 – 72" standard USB cable with type A and type B USB connectors

Customer Support

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