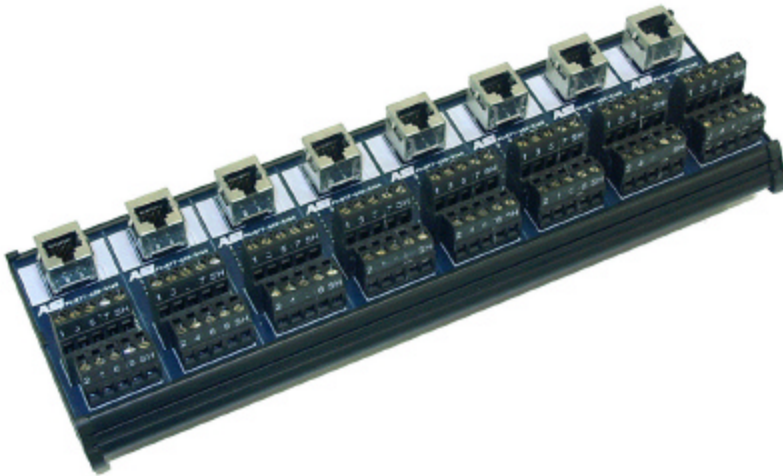


Application and Capability Note

Data Communications / Ethernet Connections Made Easy



Automation Systems Interconnect, Inc recently worked with a customer that has standardized on the RJ connector for their data communications in their equipment. This connector, which is easily recognized as the telephone style connector is becoming widely used in industrial and automation equipment. In fact, many pieces of control equipment such as PLC's are now regularly equipped with this type of connection to the Ethernet bus for data transmission.

Every manufacturer that decides to use this type of connector for data transmission is still faced with the issue of providing a convenient easy-to-wire field installation. How can you connect individual wires to such a small high-density connector? The answer is easy at ASI when you consider the RJ interface module. This easy-to-use module includes many features, which expands its functionality and use in control wiring applications.

In the case of the product shown in the picture, this customer had numerous data transmission cables that had to be connected together in one location. Through a simple modification ASI was able to take a standard product and make it fit the needs of the customer.

Connectors of any style, as long as they will mount to a printed circuit board, can be added to any interface module. ASI is continually asked by customers to develop and come up with a module that will accept the connectors that they currently use. It is a simple and easy process and one that does not require any significant investments. If you have a special need for a transition from a connector of any style to terminal blocks that will make field installation easy then contact ASI immediately. The required volume for custom interface modules is very low and the turn around time for development is a matter of days. You can learn more about our custom design services by checking this portion of our website out at http://www.asi-ez.com/value_added_services/design_engineering_services/.