

Application and Capability Note

Custom Interface Modules or Wiring Assemblies



Automation Systems Interconnect, Inc. (ASI) has been designing custom printed circuit boards, connector transition modules and interface modules for applications ranging from semiconductor equipment to test equipment, elevator controls, HVAC equipment and much more. Customers provide us with an engineering drawing or a schematic and then our engineers go to work to develop a cost-effective design. In many cases we are able to offer suggestions to customers that will save them time, space and money.

The custom interface modules from ASI can either be mounted into a carrier that will allow for snap mounting to a DIN rail or standoffs can be used for direct panel mounting. ASI prides itself on the quality of our designs and the materials that are used in the finished product. In fact many customers have commented on how the finished look of our product has actually enhanced the look of their product.

The benefits of using custom designed interface modules from ASI include the following:

1. ASI designs and manufactures the complete module in quantities ranging from a few to several thousand.
2. ASI does not charge an engineering fee for most projects that we design and manufacture for our customers.
3. ASI has established a highly efficient operation in engineering and manufacturing that allows us to provide an excellent product at very competitive prices.
4. ASI designs the product using the customer's logo and contact information directly on the printed circuit board making it an excellent accessory item for the customer's equipment.
5. ASI is equipped to provide cable assemblies and an entire interconnection kit to the customer that can be shipped direct to their customers.
6. ASI produces a complete assembly from design to finished product in a matter of days to weeks depending on the complexity of the item.

Several of our customers have actually designed out DIN rail mounted terminal blocks and replaced them with our custom interface modules in order to save time, space and money. Our application knowledge allows us to make recommendations to the customer, which in turn creates these benefits. You can see additional applications and ideas for custom interface modules by visiting our website at www.asi-ez.com and viewing the section on custom interface modules.

Contact our engineering department directly toll-free at 877-650-5160 in order to discuss your application and to request a proposal on your design.

In addition to this service you can find high quality, cost competitive terminal blocks, power supplies, standard interface modules, signal conditioners, sensors, tools, ferrules and other products at our website at www.asi-ez.com. Order these and other products direct on line and save 20% to 50%.