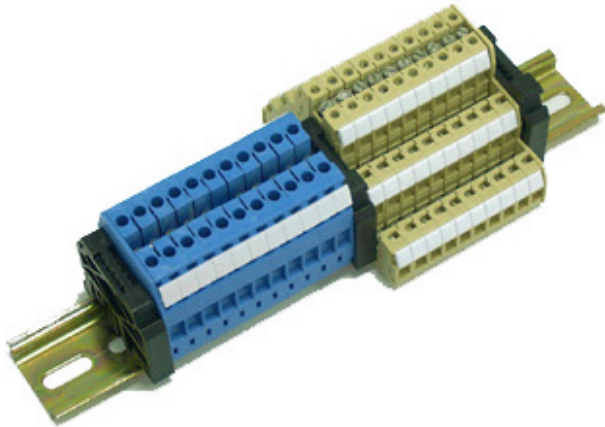


# Application and Capability Note

## Solution in One Value-Added Rail Assembly



Automation Systems Interconnect, Inc offers a wide variety of products and services that when combined, help to solve several existing or potential problems. Sometimes these products and services are not so obvious. For instance if you are looking for a method or product to reduce the amount of space and wiring time for sensor wiring you may not be aware that ASI has the most compact functional three wire sensor block on the market. If you are looking to differentiate the wiring in the panel you may not be aware that ASI can offer you both colored terminal blocks and colored markers to provide a clear difference to the installer. Finally, you may not be aware that our application-engineering department can make these and other recommendations to you thereby reducing the amount of time that you spend in your design phase of the project.

The above photograph is a perfect example of how our engineering and manufacturing departments work with you in solving several problems. In this case the customer had a number of 3-wire sensors that needed to be wired in a system that had very little space in the cabinet. The alternatives were to use traditional terminal blocks that would take up too much space or to use competitive sensor terminal blocks that require very expensive and time consuming bridging accessories. ASI solved this part of the problem with our unique 3-wire sensor terminal block that comes equipped with the bridging accessory in place. This high-density sensor wiring block incorporates a bridging system that eliminates 66% of the wiring associated with sensors and does so economically. In fact, the ASI sensor block, comes equipped with the bridging system and is less expensive than the sensor block alone from other manufacturers!

The other problem solved for this customer was to provide the power terminal blocks in a blue so there could be a clear and obvious location for this wiring in the panel. Although this worked well, an even better and more economical method for many customers is the use of our colored terminal block markers. These markers can be custom printed on the ASI "EZ-MARK® Universal Marking System" which provides additional ease in finding the correct wiring location.

Finally, ASI was able to save this customer time, space and cost by providing a complete assembled unit delivered monthly to the manufacturing requirements for his product. The customer no longer has to inventory all of the terminal blocks and accessories. No one is required to pull parts from inventory, produce work orders and manufacturing drawings and the customer does not have to dedicate people to assemble a relatively simple interconnect system. This is all done by ASI engineering and manufacturing working to deliver complete assemblies built to customer specifications on-time only when needed.

Many customers now go to the ASI website to our design services and use our EZ-RAIL® software to design and layout a complete assembly built to their requirements. This online software saves time and allows the customer to get a drawing and a quotation in a matter of hours in most cases. Application engineering and value-added products and services continue to be of value to the growing list of ASI customers.