



Fuse-protected ASD-NIB Series rated for Class 1, Division 2 locations...
(ASD-NIBSeries.jpg)

Wieland Electric Non- Incendive Barrier Modules Isolation for Analog & Discrete Signals

Wieland Electric Inc., a leading global manufacturer of innovative electrical interconnect technology, has developed a single-channel non-incendive barrier module for analog and discrete signals, enabling engineers to eliminate the need for explosion-proof enclosures and conduit in Class 1, Division 2 environments.

For the technical press

Keyword:
Wieland Electric, ASD-NIB Series, non-incendive barrier, Class 1/Division 2, process safety, intrinsically safe barrier, IS barrier, Zener barrier

For download of this product datasheet, please refer to our website:

www.wielandinc.com/circuit-protection





The ASD-NIB non-incendive barrier minimizes the risk of ignition on the load side of the module by providing an electrical barrier between control devices and equipment installed in hazardous environments. This enables standard wiring practices to be used to connect to end devices in the field, eliminating the need to install expensive explosion-proof enclosures and conduit.

This new barrier brings several improvements to Wieland's existing line of non-incendive barriers. "With a single part number for almost every signal type, and the lowest insertion loss in the industry, the 6.2mm package reduces the footprint in the control cabinet and protects both the supply and return signals. Clear labeling and LED indication are also added to reduce incorrect use while making field troubleshooting simple" said Steven Hughes, industry sector specialist for energy at Wieland Electric. "The ASD-NIB Series demonstrates Wieland's proven leadership and experience in the field of non-incendive technology."

The ASD-NIB is cCSA_{US} approved, 6.2mm wide and designed to connect single-channel analog or discrete signal wires from 24 – 12 AWG. It has a nominal rating of 24VDC/35mA. LED indicators on the module signal either normal operation (green) or a fault condition on the output (amber). An internal thermal fuse opens the output when the temperature reaches 75°C.

For more information about Wieland Electric's ASD-NIB Series modules, please visit <http://www.wielandinc.com/en-us/products/circuit-protection>. For all other inquiries about Wieland Electric, please visit www.wielandinc.com or call 1-800-WIELAND (1-800-943-5263).





Press Release

About Wieland

Wieland Electric Inc., founded in 1910, is a leading, global manufacturer of electrical interconnect technology products. Headquartered in Germany with a North American Operations Center and subsidiaries throughout the world, Wieland Electric has 2200 employees in more than 70 countries to service worldwide customers. Wieland provides solutions to the industrial & building automation, wind, solar, HVAC, and power generation markets. Local inventory, value-added services and technical resources at the North American Operations Center support a national sales and distribution channel. Wieland is ISO 9001 certified.

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