

PRESS RELEASE

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Axiomatic releases a rugged 48 to 24 VDC, 18 W Isolated DC-DC Converter, suitable for use in harsh conditions.

The [AX082410](#) has an input range of 36 to 72 VDC and a regulated 24 VDC, 18 W output. Its typical efficiency of 88% helps minimize energy loss. This 48VDC/24VDC Converter features reverse battery, overvoltage, undervoltage, short circuit, overcurrent, and over-temperature protection.



Built with a molded nylon enclosure and an integral 4-pin TE Deutsch equivalent connector, this DC/DC converter is engineered for durability and ease of installation. Its IP67-rated enclosure provides excellent protection against dust and water exposure. It is designed to meet EMI/EMC standards and is tested to MIL-STD-202H for vibration and shock resistance, making it ideal for rugged mobile environments.

It operates reliably in temperatures from -40 to 70 °C (-40 to 158 °F). The [AX082410](#) is a solution for power systems requiring isolated and stable DC power conversion. For example, off-highway equipment, fire trucks, municipal vehicles, and industrial control systems.

For more details, please visit the webpage of [AX082410](#) on Axiomatic's website.

The AX082410 is a new addition to Axiomatic's 48VDC/24VDC Converter product line. It includes the following other devices.

- [AX081520](#) — 48VDC/24VDC, 13A Isolated Converter
- [AX081220](#) — 48 VDC/24 VDC, 600 W Isolated DC-DC Converter
- [AX081860](#) — 48VDC/24VDC, 720W Converter



You can browse through our catalog of [48VDC to 24VDC Power Converters](#) and other [DC-DC Converters](#).

Axiomatic specializes in the design, development, and production of control solutions tailored for diverse applications where performance and reliability are of utmost importance. Our team of design engineers designs products and components in both Canada and Finland, while our manufacturing operations are located in Canada.

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