

240 Watt DC-to-DC Converter

TC240 Series

Manufactured by Mid-Continent Instrument Co., Inc.

The TC240 Series Converter supplies 240 watts of 5 to 24-volt power to electronic equipment, lighting and cabin accessories.



TC240

The TC240 Series DC-to-DC Converter produces 240 watts of power from the aircraft's 28 VDC input. Featuring variable output voltage, the converter delivers a range of 5-24 VDC to power electronic equipment throughout the aircraft, including a variety of in-seat, cabin and cockpit power applications.

Engineered with a fanless design, the TC240 Series Converter is significantly smaller and lighter than competing units, and can be conveniently mounted in the floor, cabin wall or outside the pressure vessel.

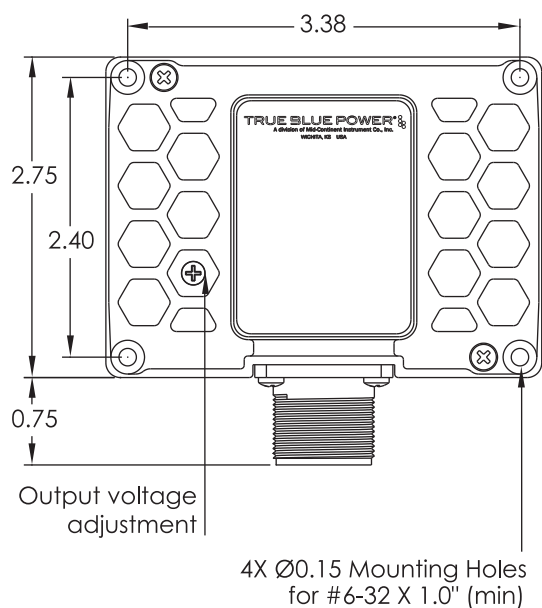
Product features

OUTPUT POWER	240 Watts
INPUT VOLTAGE	22 – 32 VDC
OUTPUT VOLTAGE	5 – 24 VDC adjustable
EFFICIENCY	95%
REMOTE ON/OFF	Optional
COOLING	None required
PROTECTION	Input transient, overload and short circuit, temperature monitoring, reverse polarity
DESIGNED AND MANUFACTURED	Wichita, Kansas, USA
WARRANTY	Two-year limited

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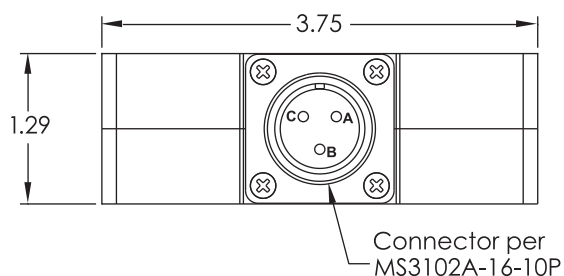


Technical specifications

INPUT VOLTAGE	22 – 32 VDC
INPUT CURRENT	10.0 A Nominal
OUTPUT VOLTAGE	5 – 24 VDC adjustable
OUTPUT POWER	240 watts
REGULATION	1% load, 2% temperature
WEIGHT	0.70 lbs (0.32 kg)
ALTITUDE	55,000 ft
TEMPERATURE	-67°F to +158°F (-55°C to +70°C)
MATING CONNECTOR	P/N 9018654 (6430240-1) P/N 9018655 (6430240-2)
CASE	Anodized aluminum, blue
CERTIFICATION	FAA TSO C71 certified RTCA DO-160G qualified

Two options to choose from

Part Number 6430240-1



Part Number 6430240-2 (with remote on/off feature)

