TRUE BLUE POWER®

A division of Mid-Continent Instrument Co., Inc.

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 18-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 5-18 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 – 18 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

Kansas
9400 East 34th Street North
Wichita, Kansas 67226 USA
Tel 316.630.0101 800.821.1212
Fax 316.630.0723
tbp@mcico.com

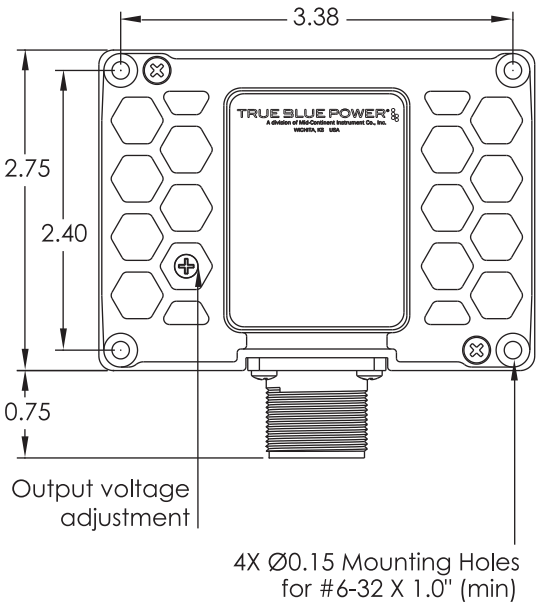
California
16320 Stagg Street
Van Nuys, California 91406 USA
Tel 818.786.0300 800.345.7599
Fax 818.786.2734
tbp@mcico.com

truebluepowerusa.com

240 Watt DC-to-DC Converter

TC240 Series

Manufactured by Mid-Continent Instrument Co., Inc.

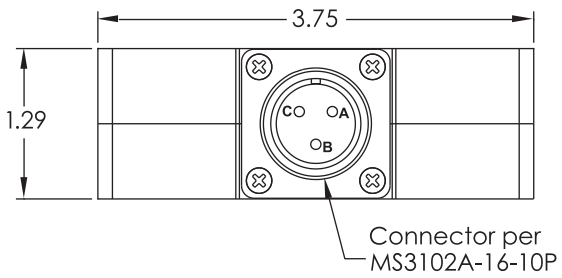
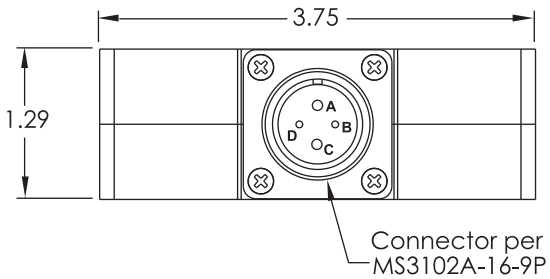


Technical specifications

INPUT VOLTAGE	22 – 32 VDC
INPUT CURRENT	10.0 A Nominal
OUTPUT VOLTAGE	5 – 18 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)