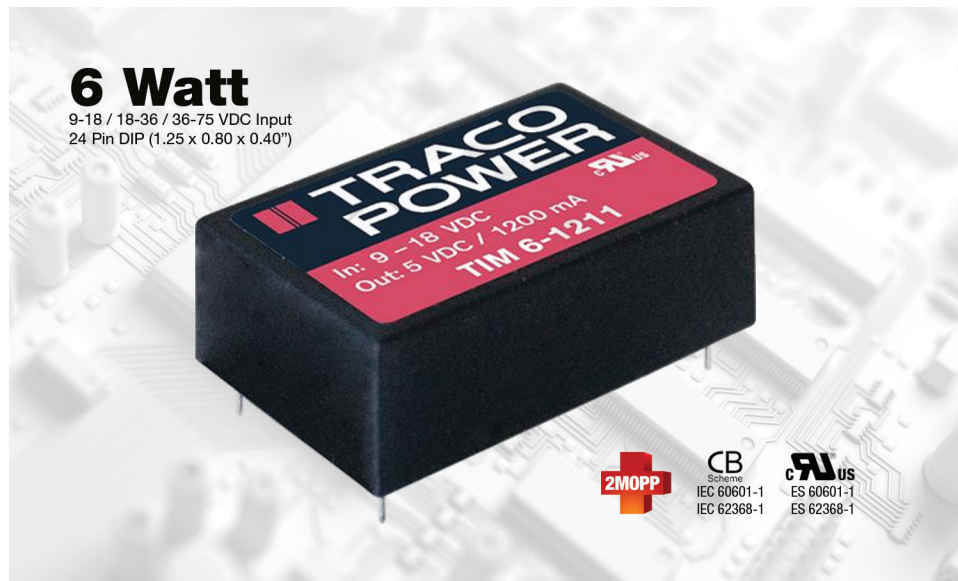


6 Watt Medical DC/DC Converter In 24 Pin DIP Package

IEC/EN/ES 60601-1 / UL 62368-1 Safety Approvals



San Jose, CA – January 24, 2024: TRACO POWER releases their new TIM 6 series of 6 watt medical DC/DC converters designed for cost-efficiency without sacrificing performance.

The TIM 6 series provide reinforced isolation of 5000 VAC (250 VAC Working Voltage) with a low leakage current of less than 2 μ A. Safety approved to ES 60601-1 and UL 62368-1 for 2 x MOPP applications and supported by both an ISO 14971 risk management file and ISO 13485 (design & production). High efficiency up to 87% and high-grade components allow the converters to perform reliably over an ambient temperature range of -40°C to $+95^{\circ}\text{C}$ (with de-rating $>55^{\circ}\text{C}$). The series consists of 18 models with input ranges of 9-18 / -18-36 / 36-75 VDC and single or dual 5 / 12 / 15 VDC outputs. These converters are reliable solutions for not only medical equipment but also for demanding applications such as transportation, control & measurement or IGBT drivers. Features include:

- Compact DIP-24 plastic case
- I/O isolation 5000 VAC rated for 250 VAC working voltage
- Certification according to IEC/EN/ES 60601-1 3rd edition for 2 x MOPP
- Risk management process according to ISO 14971
- Acceptance criteria for electronic assemblies acc. to IPC-A-610 Level 3
- Low leakage current $<2 \mu\text{A}$
- Operating temperature -40°C to 95°C
- EMC compliance to IEC 60601-1-2 4th edition and EN55032 class A
- Operating up to 5000m altitude
- 5-year product warranty

The new TIM 6 models are in stock now and available through TRACO POWER's global distribution network. Please see <https://www.tracopower.com/tim6-npi> for documentation and sourcing.

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Note to editors:

Power supply specialists, Traco Power is headquartered in Baar, Switzerland. Offering more than 25 years of experience in power, Traco Power is dedicated to the design and manufacture of high-quality DC/DC and AC/DC power conversion products. Traco Power's mission is to provide customers with the optimal power supply solution in terms of performance, quality and price. Traco Power's commitment to quality is supported by a 3 or 5 year product warranty on all products.