



**DESCRIPTION**

The FATUM DC-DC converter is an easy-to-use 2A synchronous step-down regulator. With a broad input voltage range, from 12V to 32V, it is suitable for various industrial applications for power regulation from unregulated sources. It is equipped with a fused 12V output (max 2A), a fused output for the same output as input voltage (max 4A) and an output for connecting the input voltage without a fuse (max 6A). Quiescent current 8mA without load. The device uses constant frequency FPWM modulation to achieve small output voltage ripple at light load. The circuit is short circuit, temperature and tamper protected. Jumper to connect incoming (-) to ground terminal.

**FEATURES**

- 12V DC to 32V DC input voltage
- 3 parallel outputs: 12V DC and 2 to forward input voltage (one fused, one unfused)
- Up to 2A continuous output current (12V)
- 8mA idle current with no load
- Soft start with full load
- Short circuit protected
- Temperature protected
- Tamper-proof
- Fits in all Fatum modular boxes

**TECHNICAL DATA**

Dimensions (LxBxH)	116 x 40 x 14 mm
Tamper protection	Yes
Max output	12VDC, 2A 12-32VDC 4A (fused), 6A (unfused)
Input voltage	12-32 VDC
Output voltages	12V DC, 12-32VDC (same as input voltage)