



FEATURES

- 4V DC to 32V DC input range
- Up to 2A (max 40 W) continuous output current
- Output adjustable with potentiometer, 2V-30V
- Max voltage out = voltage in – 2V
- 7mA quiescent current at no load
- Soft start into a pre-biased load
- Output short-circuit protection with hiccup-mode
- Thermal protection
- Tamper protection

DESCRIPTION

FATUM mini DC-DC converter is an easy-to use 32V, 2A synchronous step-down regulator. With a wide input range, from 4V to 32V, it is suitable for various industrial applications for power conditioning from unregulated sources.

A quiescent current of 7mA. The device utilizes constant frequency FPWM mode to achieve small output-voltage ripple at light load. Protection features include cycle by- cycle current limit, hiccup-mode short-circuit protection and thermal shutdown due to excessive power dissipation.

**Output Voltage
adjusted with
the potentiometer**



TECHNICAL DATA

Dimension (LxWxH)	76 x 58 x 27 mm
Tamper protection	Yes
Max load	2A, Max 40W
Input voltage	4-32 VDC
Output voltage	2-30 VDC Adjusted with potentiometer *

*Max output voltage = Input voltage - 2V