

ORBIT1

DC/DC Converter with Input Voltage 110VDC or 220VDC and Output Power up to 10W

Generates from the input non-stabilized DC voltage up to four DC stabilized output voltages with the output power up to 10W. There is no input/output isolation.

Specification:

- input voltage range: **60VDC to 160VDC**
 or 160VDC to 300VDC
- outputs:
 +15V/0.2A , -15V/0.2A , +8V/0.1A , -8V/0.1A
- output voltages stability: <3%
- output ripples: max. 2% (peak-to-peak,
 without external capacitors)
- short circuit protection on all outputs
- efficiency: typically 70%
- built-in input and outputs filter
- natural convection cooling
- operating ambient temperature range:
 -25 °C to +60 °C
- dimensions: 52.5 mm x 43.5 mm x 25 mm
 (2.07" x 1.71" x 1")
- through-hole open-frame design for placing
 on a PCB



Application:

Converter is designed for use in the power engineering, in the traction drives, in automation and wherever the input 110VDC or 220VDC voltage is available and there is no need for input/output isolation. **There is possible to modify the converter for another input voltage range and/or output voltages if required.**

Drawing:

Bottom view
 (all dimensions in mm).

Pin connections:

1	NC
7	-Input (0V)
8	+Input
11	-15V
12	-8V
13	0V
14	+8V
15	0V
16	+15V

NC = no connection

