

Forward
 Wide input range 1:2
 Case style: 2" x 2"

INDUSTRIAL DC/DC Converters

6 Watt / 10 Watt
 Series: DIW2

PWM - regulated

Electrical specifications:

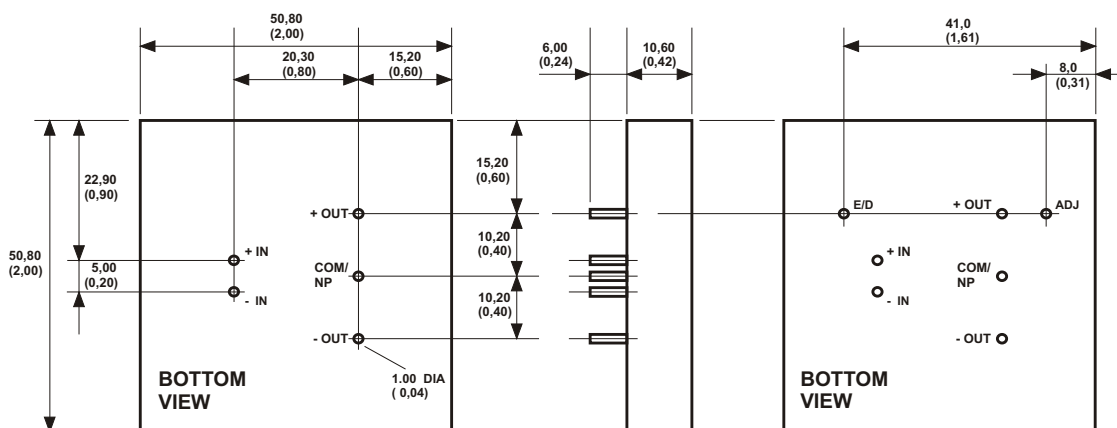
Operating temperature: -40°C up to +105°C
 Ambient temperature: -40°C to +71°C
 Output voltage accuracy: +/- 2%
 Line regulation: +/- 0,1%
 Load regulation: +/- 0,5%
 Efficiency: up to 82%
 Overload & short circuit protection: watchdog & auto - restart

Output Ripple / Noise: typ. 50 / 100mVp-p
 Insulation test voltage: 1000V DC
 Part-No. /3: 3kV AC rms
 Enable / Disable pin can be provided on request
 Part-No. /0: E / D: Enable / Disable pin
 U_{OUT} adjust pin can be established too
 Part-No. /2: ADJ: Adjustable output voltage
 Five sided metal shield
 Part-No. /5: External -IN & -OUT / COM connection allowed

CAUTION: NO INPUT POLARITY CHANGE ALLOWED!

| 6 Watt | | | | | 10 Watt | | | | |
|-------------------|------------------|----------------|----------------|----------------|-----------------|------------------|-------------------|----------------|----------------|
| Part - No. Single | Input Voltage DC | Output Voltage | Output Current | Output Current | Part - No. Dual | Input Voltage DC | Output Voltage DC | Output Current | Output Current |
| DIW2-0505 | 5V | 5V | 1200mA | 2000mA | DIW2-0505D | 5V (4,5-9V) | +/- 5V | +/- 600mA | +/-1000mA |
| DIW2-0512 | (4,5-9V) | 12V | 500mA | 833mA | DIW2-0512D | | +/-12V | +/- 250mA | +/- 416mA |
| DIW2-0515 | | 15V | 400mA | 666mA | DIW2-0515D | | +/-15V | +/- 200mA | +/- 333mA |
| DIW2-1205 | 12V | 5V | 1200mA | 2000mA | DIW2-1205D | 12V (8-18V) | +/- 5V | +/- 600mA | +/-1000mA |
| DIW2-1212 | (8-18V) | 12V | 500mA | 833mA | DIW2-1212D | | +/-12V | +/- 250mA | +/- 416mA |
| DIW2-1215 | | 15V | 400mA | 666mA | DIW2-1215D | | +/-15V | +/- 200mA | +/- 333mA |
| DIW2-2405 | 24V | 5V | 1200mA | 2000mA | DIW2-2405D | 24V (16-36V) | +/- 5V | +/- 600mA | +/-1000mA |
| DIW2-2412 | (16-36V) | 12V | 500mA | 833mA | DIW2-2412D | | +/-12V | +/- 250mA | +/- 416mA |
| DIW2-2415 | | 15V | 400mA | 666mA | DIW2-2415D | | +/-15V | +/- 200mA | +/- 333mA |
| DIW2-4805 | 48V | 5V | 1200mA | 2000mA | DIW2-4805D | 48V (34-75V) | +/- 5V | +/- 600mA | +/-1000mA |
| DIW2-4812 | (34-75V) | 12V | 500mA | 833mA | DIW2-4812D | | +/-12V | +/- 250mA | +/- 416mA |
| DIW2-4815 | | 15V | 400mA | 666mA | DIW2-4815D | | +/-15V | +/- 200mA | +/- 333mA |

Any other output voltages available



ALL DIMENSIONS IN MM (INCHES)
 MILLIMETERS +/-0,25mm
 (INCHES +/- 0,01")

NP (no pin) on single output models
 COM (common) on dual output models

Specification may be changed without notice
 please contact office for verification

We can offer EMC - Filter
 according to EN55011/22 Class B.