

Forward
Wide input range 1:5
Case style: 2" x 2"

INDUSTRIAL DC/DC Converters

PWM - regulated

6 Watt / 10 Watt
Series: DIW5

Electrical specifications:

| | | | |
|--------------------------------------|---------------------------|---|--------------------------------|
| Operating temperature: | -40°C up to +105°C | Output Ripple / Noise: | typ. 35mVp-p |
| Ambient temperature: | -40°C to +71°C | Insulation test voltage: | 1000V DC |
| Output voltage accuracy: | +/- 2% | Part-No. /3: | 3kV AC rms |
| Line regulation: | +/- 0,1% | Enable / Disable pin can be provided on request | |
| Load regulation: | +/- 0,5% | Part-No. /0: | E / D: Enable / Disable pin |
| Efficiency: | up to 78% | U _o adjust pin can be established too | |
| Overload & short circuit protection: | watchdog & auto - restart | 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!

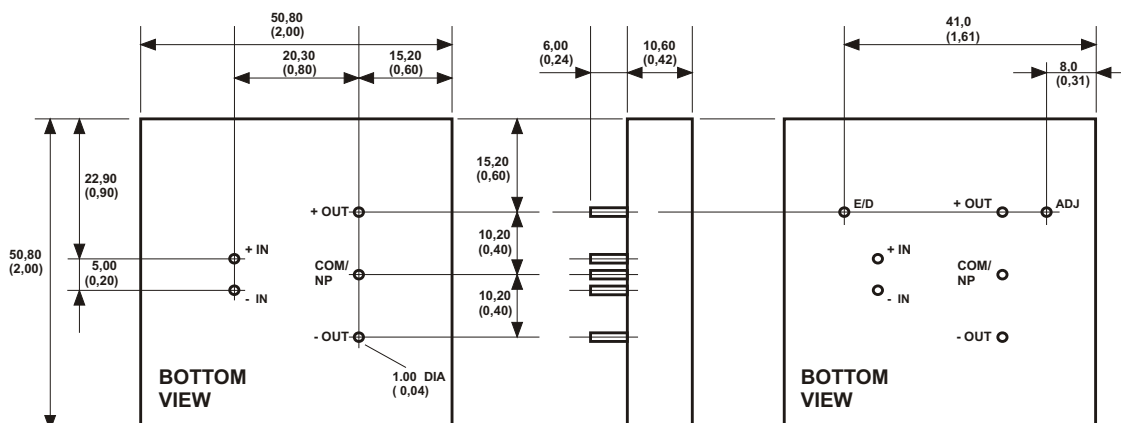
6 Watt

| Part - No. Single | Input Voltage DC | Output Voltage | Output Current | Part - No. Dual | Input Voltage DC | Output Voltage DC | Output Current |
|-------------------|------------------|----------------|----------------|-----------------|------------------|-------------------|----------------|
| DIW5-2405 | 24V | 5V | 1200mA | DIW5-2405D | 24V | +/- 5V | +/-600mA |
| DIW5-2412 | (8-40V) | 12V | 500mA | DIW5-2412D | (8-40V) | +/-12V | +/-250mA |
| DIW5-2415 | | 15V | 400mA | DIW5-2415D | | +/-15V | +/-200mA |
| DIW5-4805 | 48V | 5V | 1200mA | DIW5-4805D | 48V | +/- 5V | +/-600mA |
| DIW5-4812 | (16-80V) | 12V | 500mA | DIW5-4812D | (16-80V) | +/-12V | +/-250mA |
| DIW5-4815 | | 15V | 400mA | DIW5-4815D | | +/-15V | +/-200mA |

10 Watt

| Part - No. Single | Input Voltage DC | Output Voltage | Output Current | Part - No. Dual | Input Voltage DC | Output Voltage DC | Output Current |
|-------------------|------------------|----------------|----------------|-----------------|------------------|-------------------|----------------|
| DIW5-2405 | 24V | 5V | 2000mA | DIW5-2405D | 24V | +/- 5V | +/-1000mA |
| DIW5-2412 | (8-40V) | 12V | 833mA | DIW5-2412D | (8-40V) | +/-12V | +/- 416mA |
| DIW5-2415 | | 15V | 666mA | DIW5-2415D | | +/-15V | +/- 333mA |
| DIW5-4805 | 48V | 5V | 2000mA | DIW5-4805D | 48V | +/- 5V | +/-1000mA |
| DIW5-4812 | (16-80V) | 12V | 833mA | DIW5-4812D | (16-80V) | +/-12V | +/- 416mA |
| DIW5-4815 | | 15V | 666mA | DIW5-4815D | | +/-15V | +/- 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.