

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

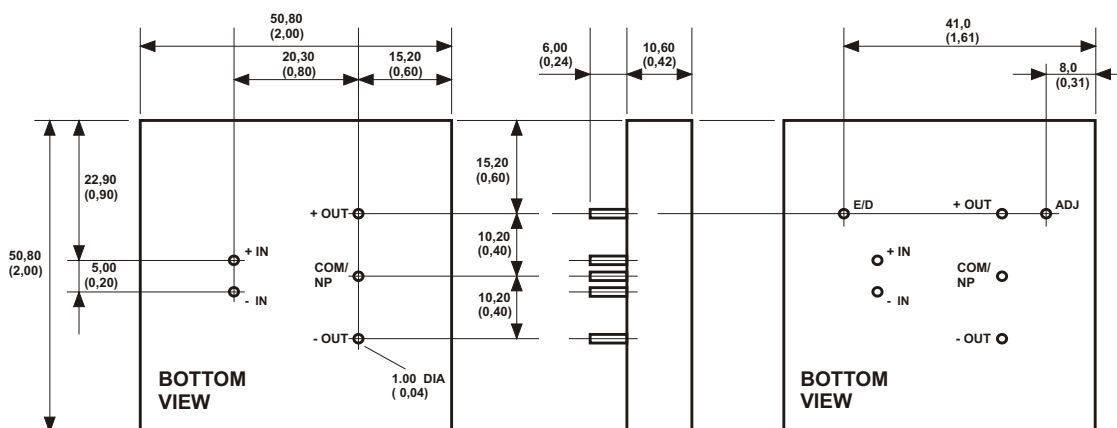
Output Ripple / Noise: typ. 50 / 100mVp-p
Insulation test voltage: 1000V DC
Part-No. /3: 3kV AC rms
Enable / Disable pin can be provided on request
Part-No. /0: E / D: Enable / Disable pin
U_{OUT} adjust pin can be established too
Part-No. /2: ADJ: Adjustable output voltage
Five sided metal shield
Part-No.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

CAUTION: NO INPUT POLARITY CHANGE ALLOWED!

All specifications typical @ Ta +25°C
Nom. Vin & full load, unless otherwise specified!

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