

Forward
 Wide input range 1:2
 Case style: 2" x 2"
 PWM - regulated

INDUSTRIAL DC/DC Converters base insulation

6 Watt / 10 Watt
 Series: DIW2

to various EN/UL/CSA-regulations for those converters voltage
 on either input/output-voltage higher than 60VDC less than 120VDC

Electrical specifications:

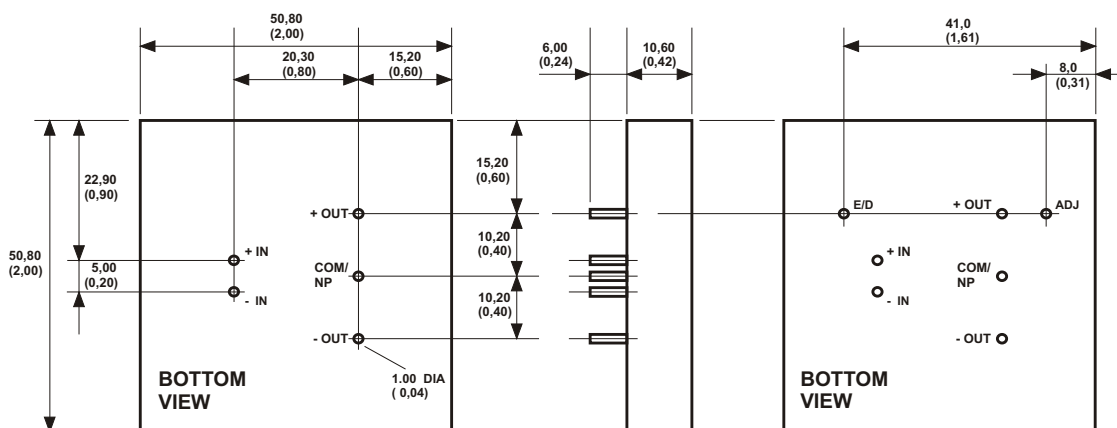
Ambient temperature: -40°C to +71°C
 Operating temperature: max. +105°C
 Output voltage accuracy: +/- 2%
 Line regulation: +/- 0,1%
 Load regulation: +/- 0,5%
 Efficiency: min. 70%
 Overload & short circuit protection: watchdog & auto - restart

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.