

**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 <sub>adj</sub> 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!**

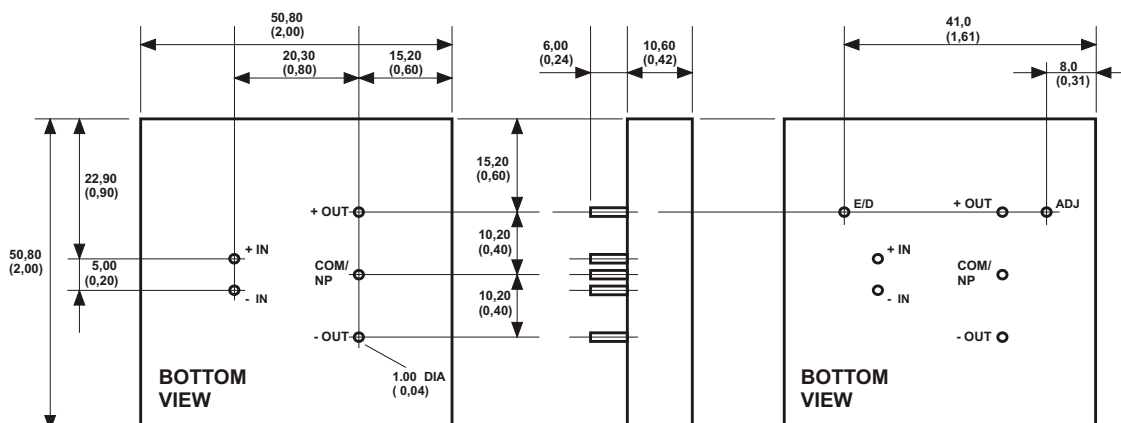
**6 Watt**

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

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

Specification may be changed without notice  
 please contact office for verification

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