

# COMMERCIAL DC/DC Converters Regulated - single/dual Output

20 - 40 Watt  
 Series: DW2- /B

wide input range 1:2  
 Case style: 2" x 2"

**Electrical specifications:**

Input voltage range: wide 1:2  
 Output voltage accuracy: +/- 2%  
 Line regulation: +/- 0,5% max.  
 Load regulation: +/- 0,5% max.  
 Minimum Load: 10% of Full Load

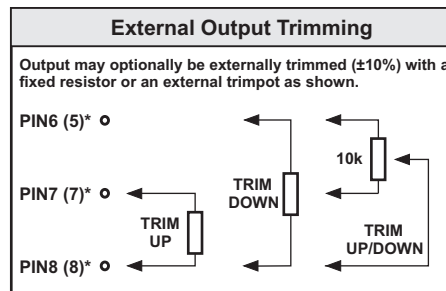
Efficiency: typ. 80%  
 Output Ripple & Noise: max. 100mVp-p  
 Short circuit protection: continuous  
 Operating temperature: -40°C to +71°C  
 Isolation voltage: min. 1000V DC  
 Six-side Shielded Case

**CAUTION: NO INPUT POLARITY CHANGE ALLOWED!**

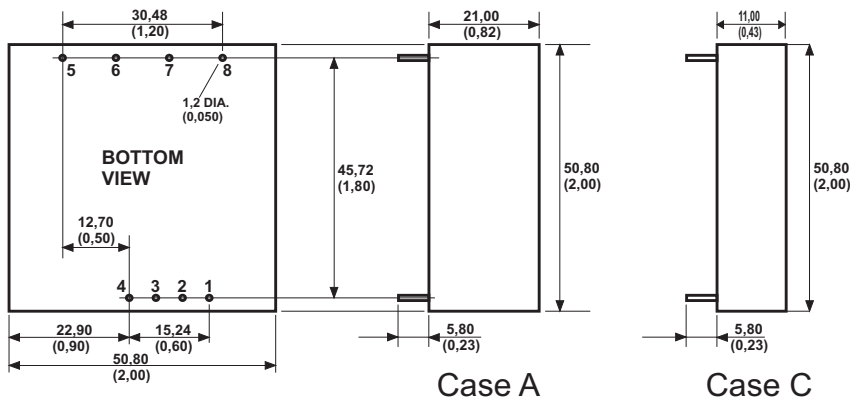
Part - No. Single	Input Voltage	Output Voltage	20 Watt Output Current	25-30W Output Current	30-40W Output Current
DW2-1205B	12V	5V	4000mA	5000mA	6000mA
DW2-1212B	( 9-18)	12V	1667mA	2500mA	3000mA
DW2-1215B		15V	1333mA	2000mA	2400mA
DW2-2405B	24V	5V	4000mA	5000mA	6000mA
DW2-2412B	(18-36)	12V	1667mA	2500mA	3000mA
DW2-2415B		15V	1333mA	2000mA	2400mA
DW2-4805B	48V	5V	4000mA	5000mA	6000mA
DW2-4812B	(36-72)	12V	1667mA	2500mA	3000mA
DW2-4815B		15V	1333mA	2000mA	2400mA

Remote On/Off Control	
Control Input	PIN1
Control Common	PIN3
Control Voltage	
ON	>+2,5VDC or Open Circuit
OFF	<+0,8VDC or Jumper to PIN 3
Converter Shutdown Idle Current	10mA
Logic Compatibility	CMOS or Open Collector TTL

Part - No. Dual	Input Voltage	Output Voltage	20 Watt Output Current	25-30W Output Current	30-40W Output Current
DW2-1205DB	12V	± 5V	±2000mA	±2500mA	-
DW2-1212DB	( 9-18)	±12V	± 833mA	±1250mA	-
DW2-1215DB		±15V	± 667mA	±1000mA	-
DW2-2405DB	24V	± 5V	±2000mA	±2500mA	-
DW2-2412DB	(18-36)	±12V	± 833mA	±1250mA	±1680mA
DW2-2415DB		±15V	± 667mA	±1000mA	±1300mA
DW2-4805DB	48V	± 5V	±2000mA	±2500mA	-
DW2-4812DB	(36-72)	±12V	± 833mA	±1250mA	±1680mA
DW2-4815DB		±15V	± 667mA	±1000mA	±1300mA



**Any other output voltages available**



PIN CONNECTION:		
PIN	Single	Dual
1	Remote On/Off	
2	NO PIN	NO PIN
3	- IN	- IN
4	+ IN	+ IN
5	NC	+ OUT
6	+ OUT	COMMON
7	- OUT	- OUT
8	TRIM	TRIM

ALL DIMENSIONS IN MM (INCHES)  
 MILLIMETERS +/- 0,5mm  
 (INCHES 0,02")

NP (no pin)  
 NC (no connection)  
 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.