

Stand: 14/11

# 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  
Part-No. /5 External -IN & -OUT / COM connection allowed

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

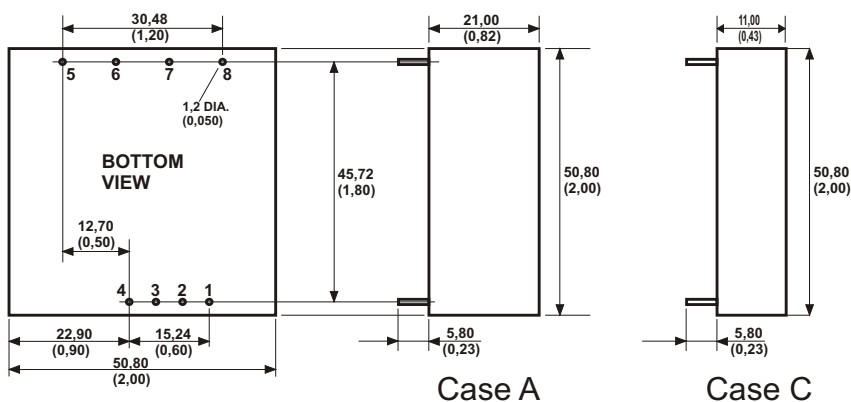
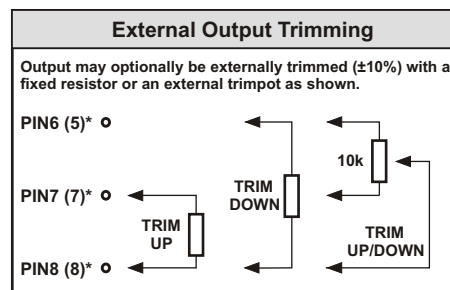
Part - No. Single	Input Voltage	Output Voltage	20 Watt Output Current	25-30W Output Current	30-40W Output Current
DW2-1205B	12V	5V	4000mA	5000mA	6000mA
DW2-1212B	( 9-18)	12V	1667mA	2500mA	3000mA
DW2-1215B		15V	1333mA	2000mA	2400mA
DW2-2405B	24V	5V	4000mA	5000mA	6000mA
DW2-2412B	(18-36)	12V	1667mA	2500mA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

Caution: If pin 3 is open and pin 4 is connected to +Uin, don't connect pin1 to -Uin!

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



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.