

Stand: 13/13

Wide input range 1:3  
 Case style: DIP24

# INDUSTRIAL DC/DC Converters

RCC / PWM - regulated

3 Watt  
 Series: CRW3

**Electrical specifications:**

Input voltage: wide input 1:3  
 Output voltage accuracy: +/- 3%  
 Line regulation: +/- 0,2%  
 Load regulation: +/- 1%  
 Operating temperature: -40°C up to +105°C  
 Ambient temperature: -40°C to +71°C

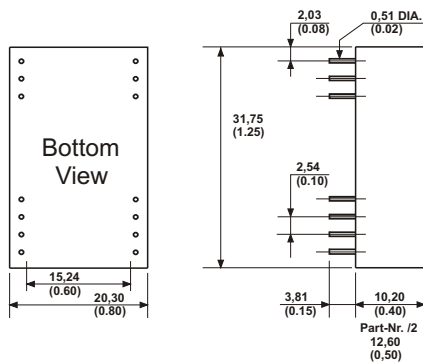
Efficiency: up to 82%  
 Output Ripple & Noise: typ. 50mVp-p  
 short circuit protection: fully protected  
 Insulation test voltage: 1000V DC  
 Part-Nr. /7 1500V DC  
 Part-Nr. /2 3000V DC  
 Case material: polycarbonate  
 Part-Nr. /4 Output Power 4Watt  
 Part-Nr. /5 External -In & -OUT/COM connection allowed

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

Part - No. Single	Input Voltage DC	Output Voltage DC	Output Current	Part - No. Dual	Input Voltage DC	Output Voltage DC	Output Current
CRW3-1205	6V - 18V	5V	600mA	CRW3-1205D	6V - 18V	± 5V	±300mA
CRW3-1212		12V	250mA	CRW3-1212D		±12V	±125mA
CRW3-1215		15V	200mA	CRW3-1215D		±15V	±100mA
CRW3-2405	16V - 48V	5V	600mA	CRW3-2405D	16V - 48V	± 5V	±300mA
CRW3-2412		12V	250mA	CRW3-2412D		±12V	±125mA
CRW3-2415		15V	200mA	CRW3-2415D		±15V	±100mA
CRW3-4805	33V - 100V	5V	600mA	CRW3-4805D	33V - 100V	± 5V	±300mA
CRW3-4812		12V	250mA	CRW3-4812D		±12V	±125mA
CRW3-4815		15V	200mA	CRW3-4815D		±15V	±100mA

**Any other output voltages available**

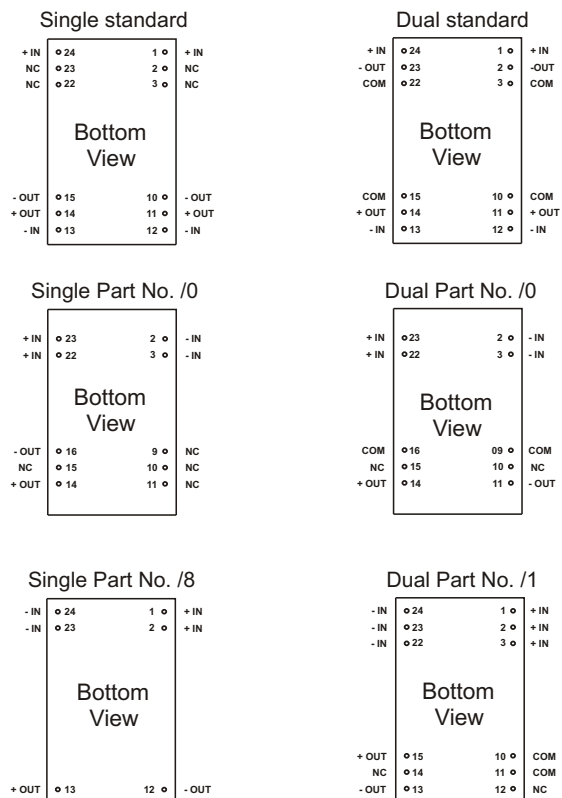
**PIN CONNECTION:**



ALL DIMENSIONS IN MM  
 MILLIMETERS +/- 0,25mm  
 (INCHES +/- 0,01")  
 All pins on a 2,54mm pitch.  
 Note: NP = No pin. NC = No connection

**Output capacitor 220µF is a must**

- Main features:**
1. Very low input-current in zero load operations
  2. Very low R&N on both sides



Specification may be changed without notice  
 please contact office for verification

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