



INDUSTRIAL

DC/DC Converters

Wide input range 1:2
 Case style: DIP24

PWM - regulated

3 Watt
3,75 Watt
4 Watt

Series: CFW2/CMW2

Electrical specifications:

Input voltage accuracy:	wide 1:2	Ambient temperature:	-25°C to +71°C
Output voltage accuracy:	+/- 2%	Operating temperature max.:	105°C
Line regulation:	+/- 0,2%	Isolation voltage:	min. 1000V DC
Load regulation:	+/- 1%	- optional 3kV AC rms Part-Nr. /3	
Efficiency:	min. 65%	Part-Nr. /6 3,75W Part-Nr. /2 4W	
Output Ripple & Noise:	typ. 150mVp-p	Case material: CFW2 - polycarbonat / CMW2 - metal	
Overload & short circuit protection:	fully protected	Part-No. /5 External -IN & -OUT / COM connection allowed	
		Part-No. /7 3kV DC isolation voltage @ P.-No. /1 & /8	

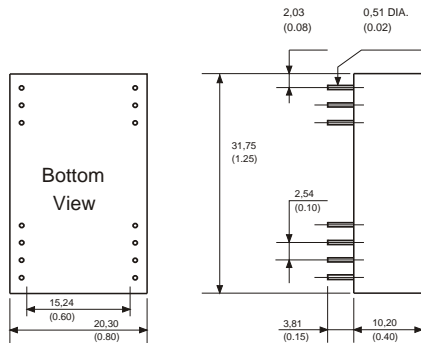
Part - No. Single	Input Voltage DC	Output Voltage DC	Output Current	Part - No. Dual	Input Voltage DC	Output Voltage DC	Output Current
CFW2-1203	9-18V*	3V	1000mA	CFW2-1203D	9-18V*	+/- 3V	+/-500mA
CFW2-1205		5V	600mA	CFW2-1205D		+/- 5V	+/-300mA
CFW2-1212		12V	250mA	CFW2-1212D		+/-12V	+/-125mA
CFW2-1215		15V	200mA	CFW2-1215D		+/-15V	+/-100mA
CFW2-1218		18V	166mA	CFW2-1218D		+/-18V	+/- 83mA
CFW2-1224		24V	125mA	CFW2-1224D		+/-24V	+/- 62mA
CFW2-1228		28V	107mA	CFW2-1228D		+/-28V	+/- 54mA
CFW2-2403	16-36V	3V	1000mA	CFW2-2403D	16-36V	+/- 3V	+/-500mA
CFW2-2405		5V	600mA	CFW2-2405D		+/- 5V	+/-300mA
CFW2-2412		12V	250mA	CFW2-2412D		+/-12V	+/-125mA
CFW2-2415		15V	200mA	CFW2-2415D		+/-15V	+/-100mA
CFW2-2418		18V	166mA	CFW2-2418D		+/-18V	+/- 83mA
CFW2-2424		24V	125mA	CFW2-2424D		+/-24V	+/- 62mA
CFW2-2428		28V	107mA	CFW2-2428D		+/-28V	+/- 54mA
CFW2-4803	34-75V	3V	1000mA	CFW2-4803D	34-75V	+/- 3V	+/-500mA
CFW2-4805		5V	600mA	CFW2-4805D		+/- 5V	+/-300mA
CFW2-4812		12V	250mA	CFW2-4812D		+/-12V	+/-125mA
CFW2-4815		15V	200mA	CFW2-4815D		+/-15V	+/-100mA
CFW2-4818		18V	166mA	CFW2-4818D		+/-18V	+/- 83mA
CFW2-4824		24V	125mA	CFW2-4824D		+/-24V	+/- 62mA
CFW2-4828		28V	107mA	CFW2-4828D		+/-28V	+/- 54mA

* Attention: Initial start-up requires Uin min. 10V, then Uin can drop down to min. 9V without leaving output tolerance.

We can produce any other requested output voltage!

Example: 3,3V; 5,3V; 8V; 9V

All 3V and 5V output types require a permanent burden of 15-60mA



ALL DIMENSIONS IN MM (INCHES)
 MILLIMETERS +/- 0,5mm
 ((INCHES +/- 0,02")
 All pins on a 2,54mm pitch.

CAUTION: NO INPUT POLARITY CHANGE ALLOWED!

PIN CONNECTION:

