



INDUSTRIAL

DC/DC Converters

PWM - regulated

3 Watt

3,75 Watt

4 Watt

Wide input range 1:4
 Case style: DIP24

Series: CFW4/CMW4

Electrical specifications:

Input voltage accuracy:	wide 1:4	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%	Part-Nr. /3 3kV AC rms:	
Efficiency:	min. 65%	Part-Nr. /6 3,75W	Part-Nr. /2 4W
Output Ripple & Noise:	typ. 150mVp-p	Part-No. /5 External -IN & -OUT / COM connection allowed	
Overload & short circuit protection:	fully protected	Case material: CFW4- polycarbonate / CMW4- metal	

Part - No. Single	Input Voltage DC	Output Voltage DC	Output Current	Part - No. Dual	Input Voltage DC	Output Voltage DC	Output Current
CFW4-2403	10-40V	3V	1000mA	CFW4-2403D	10-40V	+/- 3V	+/-500mA
CFW4-2405		5V	600mA	CFW4-2405D		+/- 5V	+/-300mA
CFW4-2412		12V	250mA	CFW4-2412D		+/-12V	+/-125mA
CFW4-2415		15V	200mA	CFW4-2415D		+/-15V	+/-100mA
CFW4-2418		18V	166mA	CFW4-2418D		+/-18V	+/- 83mA
CFW4-2420		20V	150mA	CFW4-2420D		+/-20V	+/- 75mA
CFW4-2424		24V	125mA	CFW4-2424D		+/-24V	+/- 62mA
CFW4-2428		28V	107mA	CFW4-2428D		+/-28V	+/- 54mA
CFW4-4803	20-80V	3V	1000mA	CFW4-4803D	20-80V	+/- 3V	+/-500mA
CFW4-4805		5V	600mA	CFW4-4805D		+/- 5V	+/-300mA
CFW4-4812		12V	250mA	CFW4-4812D		+/-12V	+/-125mA
CFW4-4815		15V	200mA	CFW4-4815D		+/-15V	+/-100mA
CFW4-4818		18V	166mA	CFW4-4818D		+/-18V	+/- 83mA
CFW4-4820		20V	150mA	CFW4-4820D		+/-20V	+/- 75mA
CFW4-4824		24V	125mA	CFW4-4824D		+/-24V	+/- 62mA
CFW4-4828		28V	107mA	CFW4-4828D		+/-28V	+/- 54mA

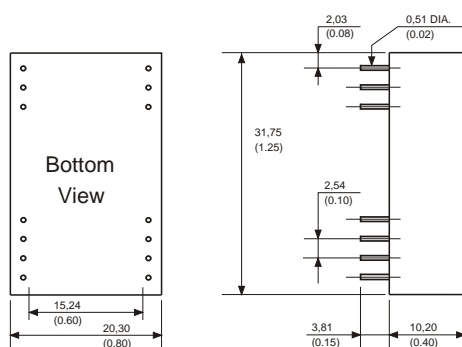
* Attention: Initial start-up requires Uin min. 10V, then Uin can drop down to min. 9V without leaving output tolerance.

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

PIN CONNECTION:



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

CAUTION: NO INPUT POLARITY CHANGE ALLOWED!

