

INDUSTRIAL DC/DC Converters base insulation

Stand: 29/09

3 - 4 Watt

**Series: CFW2/
CMW2**

Wide input range 1:2
Case style: DIP24
PWM - regulated

to various EN/UL/CSA-regulations for those converters voltage
on either input/output-voltage higher than 60VDC less than 120VDC

Electrical specifications:

Input voltage: wide 1:2
Output voltage accuracy: +/- 2%
Line regulation: +/- 0,2%
Load regulation: +/- 1%
Efficiency: min. 65%
Output Ripple & Noise: typ. 150mVp-p
short circuit protection: fully protected

Ambient temperature: -40°C to +71°C
Operating temperature: max. +105°C
Insulation test voltage: 1000V DC
optional part-Nr. /3 3kVAC rms
part-Nr. /6 3,75 Watt
part-Nr. /2 4 Watt

Case material: CFW2 - polycarbonat / CMW2 - metal
Part-No. /5 External -IN & -OUT / COM connection allowed
Part-No. /7 3kV DC isolation voltage @ P.-No. /1 & /8

CAUTION: NO INPUT POLARITY CHANGE ALLOWED!

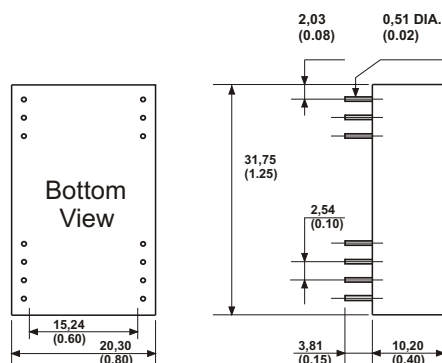
Part - No. Single	Input Voltage DC	Output Voltage DC	Output Current	Part - No. Dual	Input Voltage DC	Output Voltage DC	Output Current
CFW2-1203	9-18V*	3V	1000mA	CFW2-1203D	9-18V*	+/- 3V	+/-500mA
CFW2-1205		5V	600mA	CFW2-1205D		+/- 5V	+/-300mA
CFW2-1212		12V	250mA	CFW2-1212D		+/-12V	+/-125mA
CFW2-1215		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 U_{in} min. 10V,
then U_{in} can drop down to min. 9V without
leaving output tolerance.

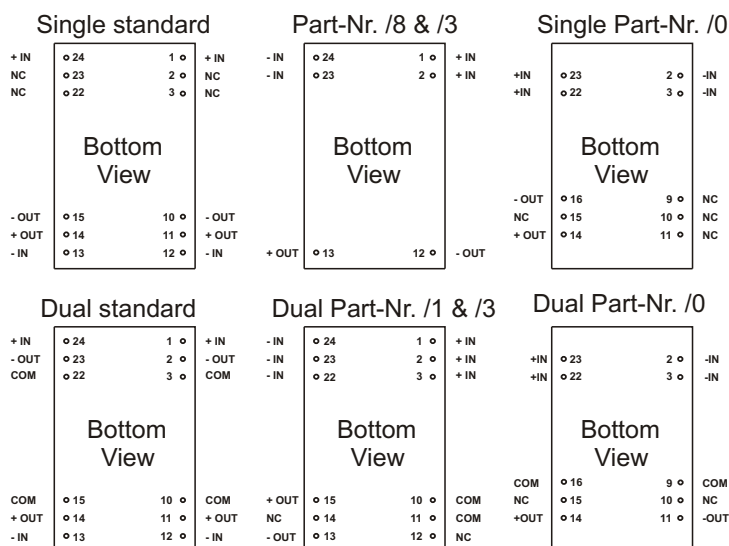
All 3V and 5V output types require a permanent
burden of 15-60mA

Any other output voltages available

PIN CONNECTION:



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



Specification may be changed without notice
please contact office for verification

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