

Stand: 29/09

Wide input range 1:4
Case style: DIP24
PWM - regulated

INDUSTRIAL DC/DC Converters base insulation

3 - 4 Watt
Series: CFW4/
CMW4

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 1:4
Output voltage accuracy: +/- 2%
Line regulation: +/- 0,2%
Load regulation: +/- 1%
Ambient temperature: -40°C to +71°C
Operating temperature: max. +105°C

Efficiency: min. 65%
Output Ripple & Noise: typ. 150mVp-p fully protected
Short circuit protection:
Insulation test voltage: 1000V DC
Part-Nr. /3: 3kV AC rms:
Part-Nr. /6: 3,75W
Part-Nr. /2: 4W
Part-Nr. /5 External -IN & -OUT / COM connection allowed
Case material: CFW4- polycarbonate / CMW4- metal

CAUTION: NO INPUT POLARITY CHANGE ALLOWED!

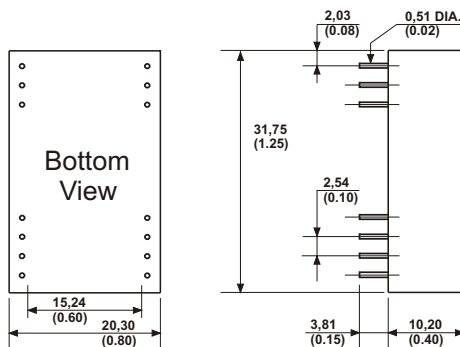
Part - No. Single	Input Voltage DC	Output Voltage DC	Output Current	Part - No. Dual	Input Voltage DC	Output Voltage DC	Output Current
CFW4-2403	10-40V	3V	1000mA	CFW4-2403D	10-40V	+/- 3V	+/-500mA
CFW4-2405		5V	600mA	CFW4-2405D		+/- 5V	+/-300mA
CFW4-2412		12V	250mA	CFW4-2412D		+/-12V	+/-125mA
CFW4-2415		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 U_{in} min. 10V, then U_{in} can drop down to min. 9V without leaving output tolerance.

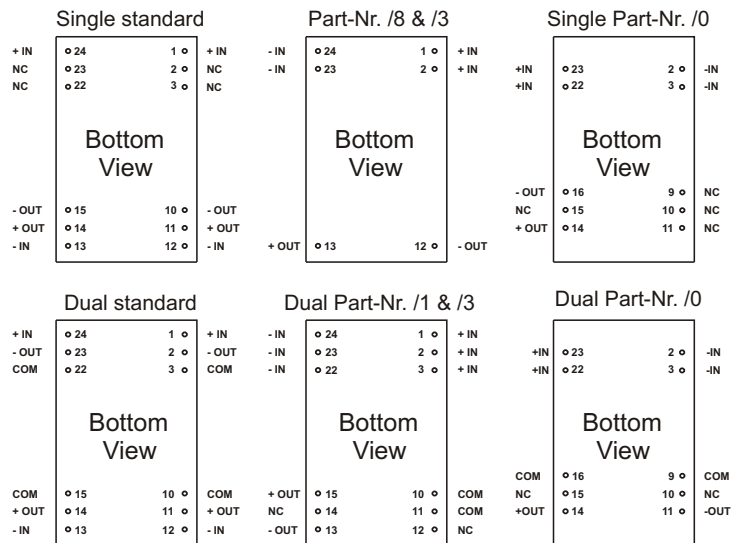
Any other output voltages available!

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

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.