

Unregulated
Case Style: DIP24

COMMERCIAL DC/DC Converters

1,8 Watt / 3 Watt
Series: CU

Electrical specifications:

Input voltage range: +/- 10%
Output voltage accuracy: +/- 10%
Line regulation: +/- 1% / +/-1%
Load regulation: +/- 10%
Efficiency: min. 70%
Output ripple & noise: typ. 100mVp-p

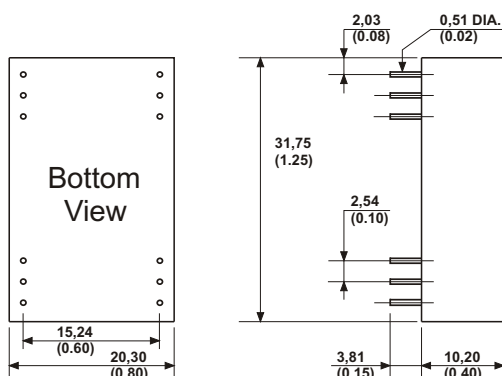
Short circuit protection: 1,0 second
Operating temperature: -40°C to +75°C
Isolation voltage: min. 1000V DC
opt. Part-Nr.: /M metal case
opt. Part-Nr.: /S short circuit protection continuous

CAUTION: NO INPUT POLARITY CHANGE ALLOWED!

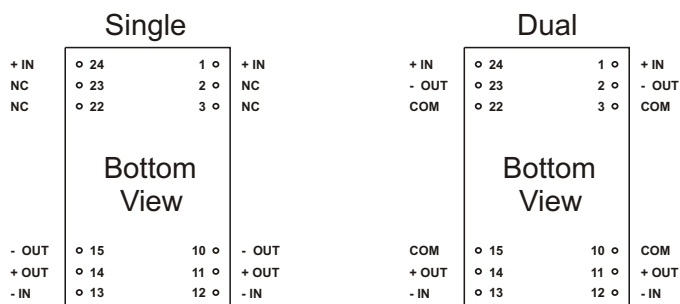
Single Output			1,8 Watt	3 Watt	Dual Output			1,8 Watt	3 Watt
Part - No.	Input Voltage	Output Voltage	Output current	Output current	Part - No.	Input Voltage	Output Voltage	Output current	Output current
CU-0505	5V	5V	360mA	600mA	CU-0505D	5V	+/- 5V	+/-180mA	+/-300mA
CU-0509		9V	200mA	330mA	CU-0512D		+/-12V	+/- 75mA	+/-125mA
CU-0512		12V	150mA	250mA	CU-0515D		+/-15V	+/- 60mA	+/-100mA
CU-0515		15V	120mA	200mA	CU-0518D		+/-18V	+/- 50mA	+/- 83mA
CU-1205	12V	5V	360mA	600mA	CU-1205D	12V	+/- 5V	+/-180mA	+/-300mA
CU-1209		9V	200mA	330mA	CU-1212D		+/-12V	+/- 75mA	+/-125mA
CU-1212		12V	150mA	250mA	CU-1215D		+/-15V	+/- 60mA	+/-100mA
CU-1215		15V	120mA	200mA	CU-1220D		+/-20V	+/- 45mA	+/- 75mA
CU-1505	15V	5V	360mA	600mA	CU-1505D	15V	+/- 5V	+/-180mA	+/-300mA
CU-1512		12V	150mA	250mA	CU-1512D		+/-12V	+/- 75mA	+/-125mA
CU-1515		15V	120mA	200mA	CU-1515D		+/-15V	+/- 60mA	+/-100mA
CU-2405	24V	5V	360mA	600mA	CU-2405D	24V	+/- 5V	+/-180mA	+/-300mA
CU-2412		12V	150mA	250mA	CU-2412D		+/-12V	+/- 75mA	+/-125mA
CU-2415		15V	120mA	200mA	CU-2415D		+/-15V	+/- 60mA	+/-100mA

The input voltage can be increased by the value of the selected output voltage in boost operation (see Application Note C43, page 149).

Any other input & output voltages available



PIN CONNECTION:



ALL DIMENSIONS IN MM (INCHES)
MILLIMETERS +/- 0,25mm
(INCHES +/-0,01")
All pins on a 2,54mm pitch
Note: NP = No pin; NC = No connection;
Dot denotes pin 1

Specification may be changed without notice
please contact office for verification

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