

Unregulated
 Case Style: DIL24

COMMERCIAL DC/DC Converters

1,8 Watt / 3 Watt
 Series: BU

Electrical specifications:

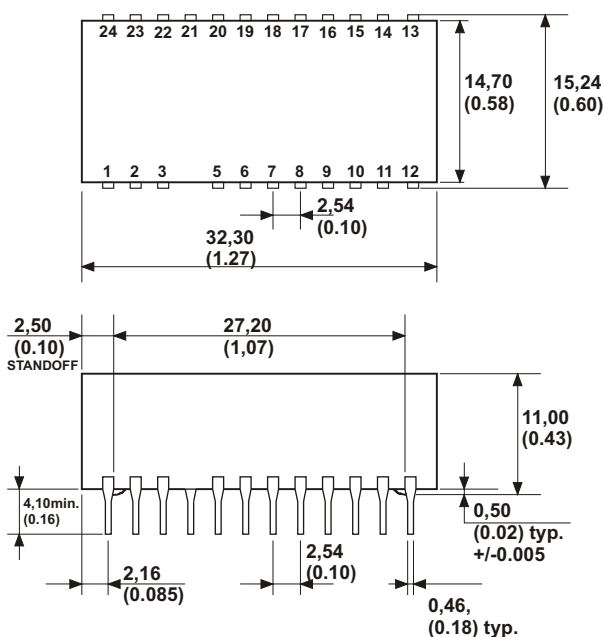
Input voltage range: +/- 10%
 Output voltage accuracy: +/- 5%
 Line regulation: +/- 1,2%/1%Vin
 Load regulation: +/- 10%
 (10% to 100% full load)
 Efficiency: min. 75%

Output Ripple & Noise: typ. 50mVp-p
 Short circuit protection: 1,0 second
 Operating temperature: -40°C to +85°C
 Isolation voltage: min. 500V DC

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
BU-0505	5V	5V	360mA	600mA	BU-0505D	5V	+/- 5V	+/-180mA	+/-300mA
BU-0509		9V	200mA	330mA	BU-0512D		+/-12V	+/- 75mA	+/-125mA
BU-0512		12V	150mA	250mA	BU-0515D		+/-15V	+/- 60mA	+/-100mA
BU-0515		15V	120mA	200mA					
BU-1205	12V	5V	360mA	600mA	BU-1205D	12V	+/- 5V	+/-180mA	+/-300mA
BU-1209		9V	200mA	330mA	BU-1212D		+/-12V	+/- 75mA	+/-125mA
BU-1212		12V	150mA	250mA	BU-1215D		+/-15V	+/- 60mA	+/-100mA
BU-1215		15V	120mA	200mA					
BU-1505	15V	5V	360mA	600mA	BU-1505D	15V	+/- 5V	+/-180mA	+/-300mA
BU-1512		12V	150mA	250mA	BU-1512D		+/-12V	+/- 75mA	+/-125mA
BU-1515		15V	120mA	200mA	BU-1515D		+/-15V	+/- 60mA	+/-100mA
BU-2405	24V	5V	360mA	600mA	BU-2405D	24V	+/- 5V	+/-180mA	+/-300mA
BU-2412		12V	150mA	250mA	BU-2412D		+/-12V	+/- 75mA	+/-125mA
BU-2415		15V	120mA	200mA	BU-2415D		+/-15V	+/- 60mA	+/-100mA

Any other input & output voltages available



PIN CONNECTION		
PIN	SINGLE	DUAL
1 & 24	+ IN	+ IN
2 & 23	NC	-Vout
3 & 22	NC	COM
4	NP	NP
10 & 15	- Vout	COM
11 & 14	+Vout	+Vout
12 & 13	- IN	- IN

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.

COMMERCIAL DC/DC Converters BS EN 60950 Certified

Stand: 29/05

**2 Watt
 Series: BU /6**

**Unregulated
 Case Style: DIL24**

Electrical specifications:

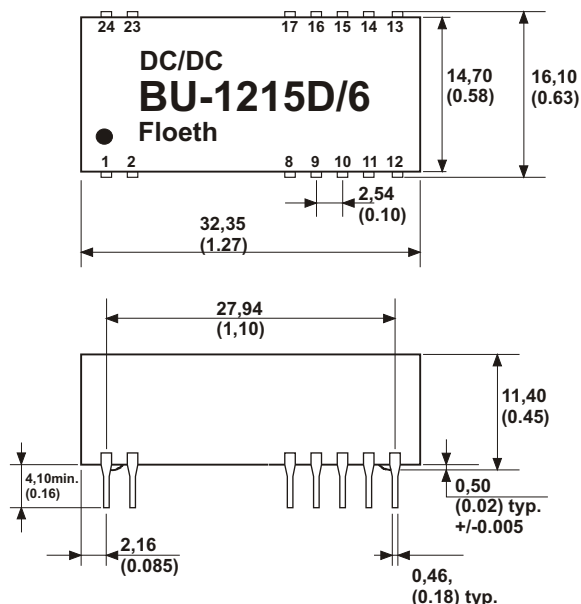
Input voltage range: +/- 10%
 Output voltage accuracy: +/- 5%
 Line regulation: +/- 1,2% Typ. / 1% of Vin
 Load regulation: 5V output types +/- 15% max.
 (10% to 100% full load) 9V - 24V output types +/- 10% max.
 Efficiency: min. 70%

Output Ripple & Noise: typ. 200mVp-p
 Short circuit protection: 1,0 second
 Operating temperature: -40°C to +85°C
 Isolation voltage:
 Part-No.: /6 min. 6000V DC

CAUTION: NO INPUT POLARITY CHANGE ALLOWED!

Single Output				Dual Output				
Part - No.	Input Voltage	Output Voltage	Output current	Part - No.	Input Voltage	Output Voltage	Output current	
BU-xx03,3/6	5V	3,3V	600mA	BU-xx03,3D/6	5V	+/- 3,3V	+/-300mA	
BU-xx05/6		5V	400mA	BU-xx05D/6		+/- 5V	+/-200mA	
BU-xx09/6		12V	9V	220mA		BU-xx09D/6	+/- 9V	+/-111mA
BU-xx12/6		15V	12V	167mA		BU-xx12D/6	+/-12V	+/- 83mA
BU-xx15/6		24V	15V	133mA		BU-xx15D/6	+/-15V	+/- 67mA
BU-xx24/6		24V	83mA	BU-xx24D/6	24V	+/-24V	+/- 42mA	

Any other input & output voltages available



PIN	SINGLE	PIN	DUAL
1	+ Vin	1	+ Vin
2	- Vin	2	- Vin
8; 9; 11; 14	NC	8; 17	- Vout
10;15	- Vout	9;11;14;16;23;24	NC
12;13	+Vout	10; 15	COM
16; 17; 23; 24	NC	12; 13	+Vout

ALL DIMENSIONS IN MM (INCHES)
 MILLIMETERS +/- 0,25mm
 (INCHES +/-0,01")
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