

FLYBACK
 Case style: 2" x 2"

INDUSTRIAL DC/DC Converters

5 - 10 Watt
 Series: DLI

PWM - regulated

Electrical specifications:

Operating temperature: -40°C up to +105°C
 Ambient temperature: -40°C to +71°C
 Input voltage range: +/- 10%
 Output voltage accuracy: +/- 3%
 Line regulation: +/- 0,2%
 Load regulation: +/- 1%
 Efficiency: up to 83%
 Short circuit protection: short time

Output Ripple & Noise: typ. 1,0V / 3,0Vp-p
 @ 1kV isolation voltage
 Insulation test voltage: 1000V DC
 Insulation test voltage Part-No. /3: 3kV AC rms
 Five sided metal shield
 Part-No. /5: External -IN & -OUT / COM connection allowed
 Output Ripple & Noise: 2,0V / 12,0Vp-p
 directly connection -IN & -OUT (COM) or capacitor 1nF/xxkV
 reduce noise considerable

5 Watt

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
DLI-12300	12V	300V	16mA	DLI-12150D	12V	+/-150V	+/-16mA
				DLI-12100D**		+/-100V	+/-25mA

10 Watt

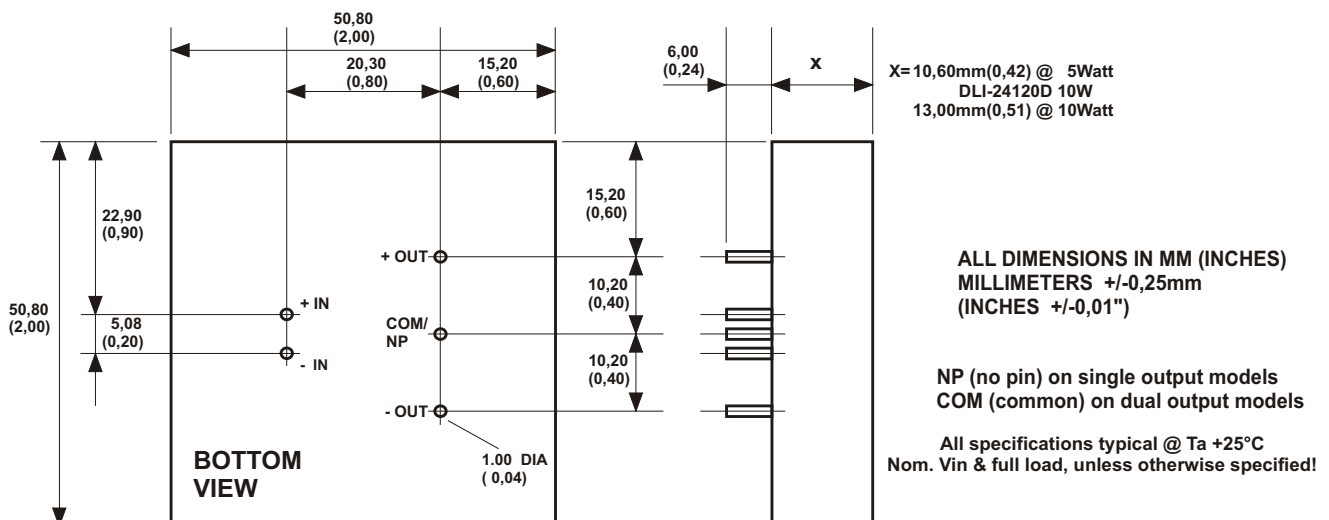
Part - No. Single	Input Voltage DC	Output Voltage DC	Output Current	Part - No. Dual	Input Voltage DC	Output Voltage DC	Output Current
DLI-48600	48V	600V	16mA	DLI-24120D	24V	+/-120V***	+/-42mA
				DLI-48300D	48V	+/-300V	+/-16mA

Any other input and output voltages available

** each output capacitor of 4,7µF will reduce ripple significantly

*** Note: output capacitor max. 2x10µF

max. capacitive load should not exceed 1µF at each output, otherwise no start up!



Specification may be changed without notice
 please contact office for verification

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

INDUSTRIAL DC/DC Converters

Stand: 04/16

FLYBACK
 Case style: 2" x 2"

8 Watt
 Series: DLI

PWM - regulated

Electrical specifications:

Operating temperature: -40°C up to +90°C
 Ambient temperature: -40°C to +55°C
 Input voltage range: +/- 1,0V
 Output voltage accuracy: +/- 3%
 Line regulation: +/- 0,2%
 Load regulation: +/- 0,5%
 Efficiency: ~ 68%
 Short circuit protection: 30 sec.

Output Ripple & Noise: typ. 1,0V / 3,0Vp-p @ 1kV isolation voltage
 Insulation test voltage: 1000V DC
 Insulation test voltage Part-No. /3: 3kV AC rms
 Five sided metal shield
 Part-No. /5 External -IN & -OUT / COM connection allowed
 Output Ripple & Noise: 2,0V / 12,0Vp-p

All specifications typical @ Ta +25°C
 Nom. Vin & full load, unless otherwise specified!

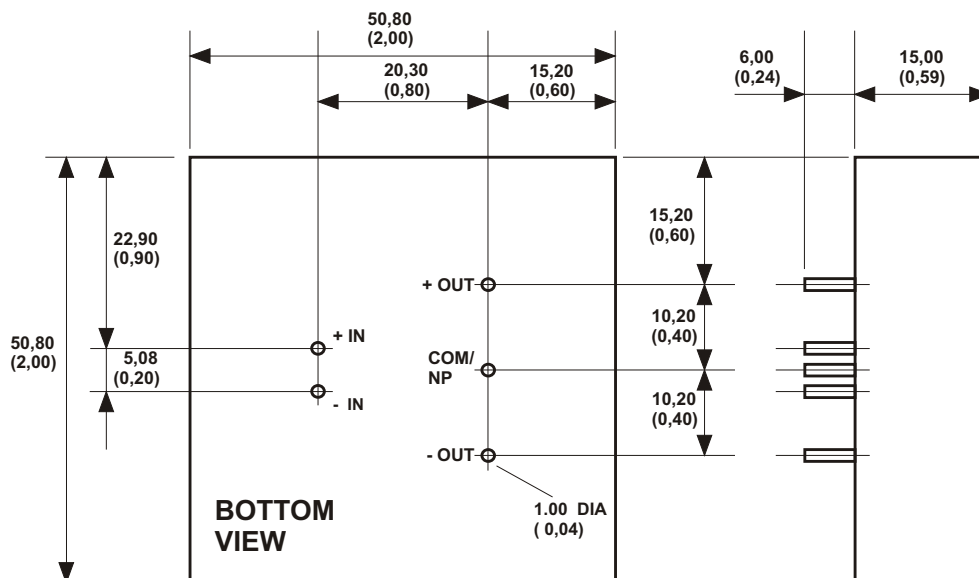
CAUTION: NO INPUT POLARITY CHANGE ALLOWED!

8 Watt

Part - No. Dual	Input Voltage DC	Output Voltage DC	Output Current
DLI-07240D	6-8V	+/-240V	+/-16mA

Input capacitor requested 2x4700µF16V Elco
 Output capacitor requested max. 2,2µF/350V Elco

Any other output voltages available



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

NP (no pin) on single output models
 COM (common) on dual output models

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