

Stand: 08/09

FLYBACK
 Case style: 2" x 2"

INDUSTRIAL DC/DC Converters

6 Watt / 10 Watt
 Series: DIH

EN60950 / EN61010

REINFORCED INSULATION LINE OPERATING

With FILTERS - Rectifier + Tank capacitor it can be operated from AC-LINE Voltage!!

Electrical specifications:

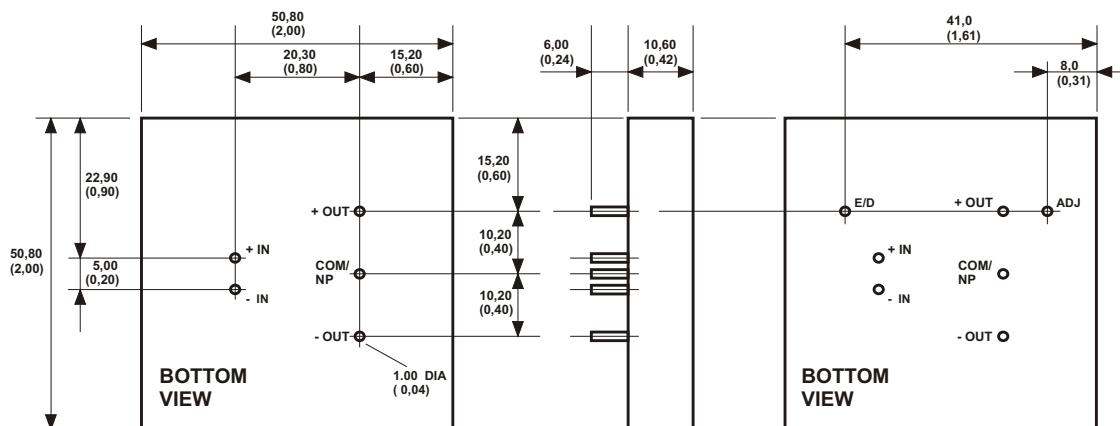
Ambient temperature: -40°C to +71°C
 Operating temperature: max. +105°C
 Output voltage accuracy: +/- 3%
 Line regulation: +/- 0,2%
 Load regulation: +/- 1%
 Short circuit protection: full protection

Efficiency: min. 65%
 Output Ripple & Noise: typ. 500mVp-p**
 ** With additional electrolytic capacitor 100µF 105°C Output R&N 50mV typ.
 Insulation test voltage: 3000V AC rms
 SAFETY: EN60950 / EN61010
 Five sided metal shield

CAUTION: NO INPUT POLARITY CHANGE ALLOWED!

6 Watt					10 Watt				
Part - No. Single	Input Voltage DC	Output Voltage	Output Current	Output Current	Part - No. Dual	Input Voltage DC	Output Voltage DC	Output Current	Output Current
DIH-xxx05	110V (90-190V)	5V	1200mA	2000mA	DIH-xxx05D	110V (90-190V)	+/- 5V	+/-600mA	+/-1000mA
DIH-xxx09		9V	666mA	1111mA	DIH-xxx09D		+/- 9V	+/-333mA	+/- 555mA
DIH-xxx12		12V	500mA	833mA	DIH-xxx12D		+/-12V	+/-250mA	+/- 416mA
DIH-xxx15		15V	400mA	666mA	DIH-xxx15D		+/-15V	+/-200mA	+/- 333mA
DIH-xxx18	220V (176-380V)	18V	333mA	555mA	DIH-xxx18D	220V (176-380V)	+/-18V	+/-166mA	+/- 277mA
DIH-xxx24		24V	250mA	416mA	DIH-xxx24D		+/-24V	+/-125mA	+/- 208mA
DIH-xxx28		28V	214mA	357mA	DIH-xxx28D		+/-28V	+/-107mA	+/- 178mA
DIH-xxx48		48V	125mA	208mA	DIH-xxx48D		+/-48V	+/- 63mA	+/- 104mA
DIH-xxx60	60V	100mA	166mA	DIH-xxx60D	+/-60V	+/- 50mA	+/- 83mA		

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

Specification may be changed without notice
 please contact office for verification

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