

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:

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

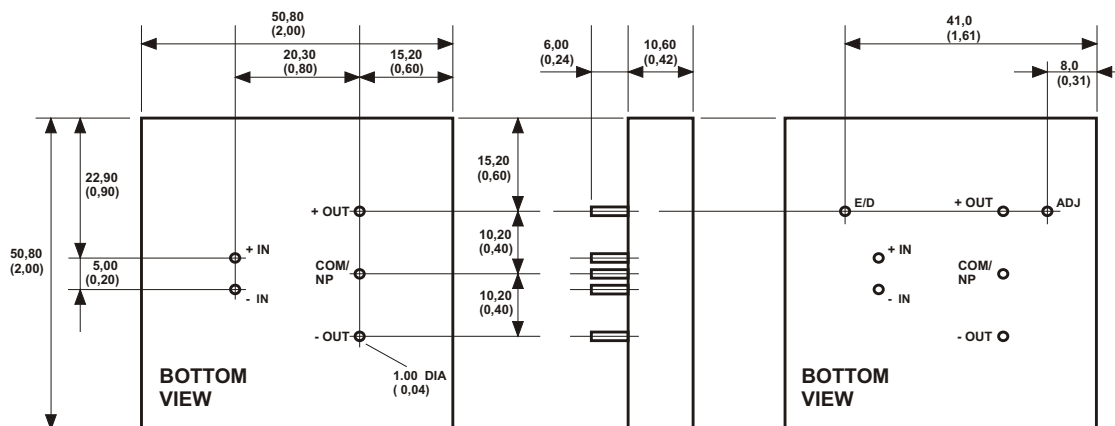
Efficiency: up to 82%
Output Ripple & Noise: typ. 500mVp-p**
** With additional electrolytic capacitor 100µF 105°C Output R&N 50mV typ.
Insulation test voltage: 3000V AC rms
SAFETY: EN60950 / EN61010
Five sided metal shield

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

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		For example: DIH-11012 6W DIH-22012 10W	60V	100mA	166mA		DIH-xxx60D	For example: DIH-11012D 6W DIH-22012D 10W	+/-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.