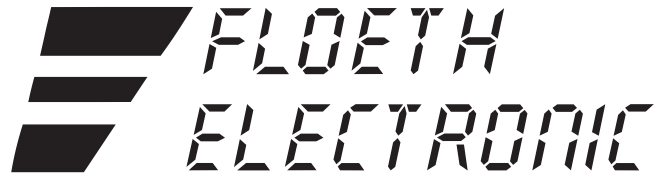


DC/DC Converter
 AC/DC Inverters
 Delay-Lines
 Pulsetransformers
 Burst & Surge Filters
 Harmonic Filters
 Switching Power Supplies

Am Malfinger Steig 13
 86920 Denklingen/Obb.
 Germany
 Tel.: 08243-9693-0
 Fax: 08243-9693-33
 www.floeth-electronic.com



Stand: 21/08

FLYBACK
 Case style: 2" x 2"

**INDUSTRIAL
 DC/DC Converters
 LINE OPERATING
 EN60950 / EN61010**

**6 Watt / 10 Watt
 Series: DIH**

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

Electrical specifications:

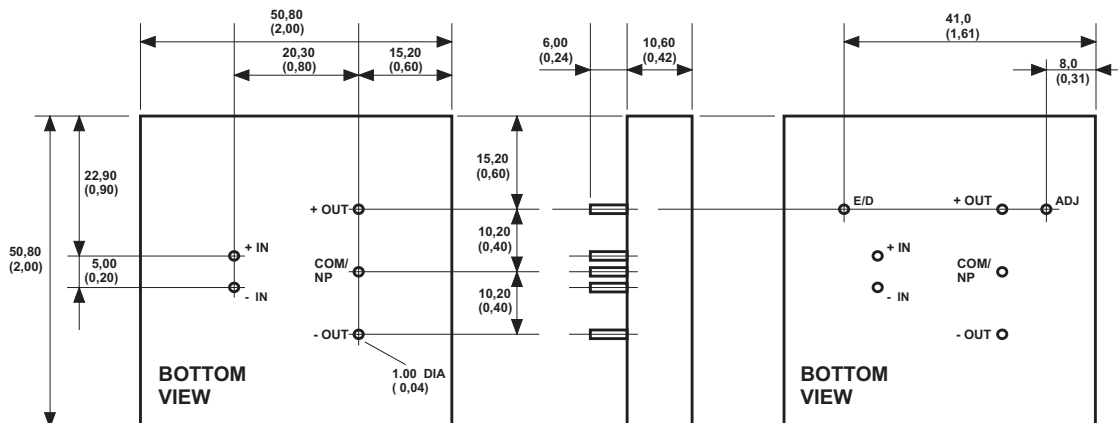
Ambient temperature: -40°C to +71°C
 Operating temperature: max. +105°C
 Output voltage accuracy: +/- 3%
 Line regulation: +/- 0,2%
 Load regulation: +/- 1%
 Short circuit protection: full protection

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!

Part - No. Single	Input Voltage DC	Output Voltage	6 Watt		10 Watt		Part - No. Dual	Input Voltage DC	Output Voltage DC	6 Watt		10 Watt	
			Output Current	Output Current	Output Current	Output Current				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		18V	333mA	555mA	DIH-xxx18D		+/-18V	+/-166mA	+/- 277mA				
DIH-xxx24	220V (176-380V)	24V	250mA	416mA	DIH-xxx24D	220V (176-380V)	+/-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.