

# INDUSTRIAL DC/DC Converters

Stand: 07/14

## 60 Watt Series: HVI

Wide input range 1:2

**Applications:**

- IGBT auxiliary supply
- medical application

**High Insulation Barrier  
 4000V AC RMS continuously**

**EN50178 / EN50124-182 / EN61800-5**

**Electrical specifications:**

Input voltage: wide 1:2  
 Output voltage accuracy: +/- 2%  
 Line regulation: +/- 0,2%  
 Load regulation: +/- 1%  
 Efficiency: up to 88%

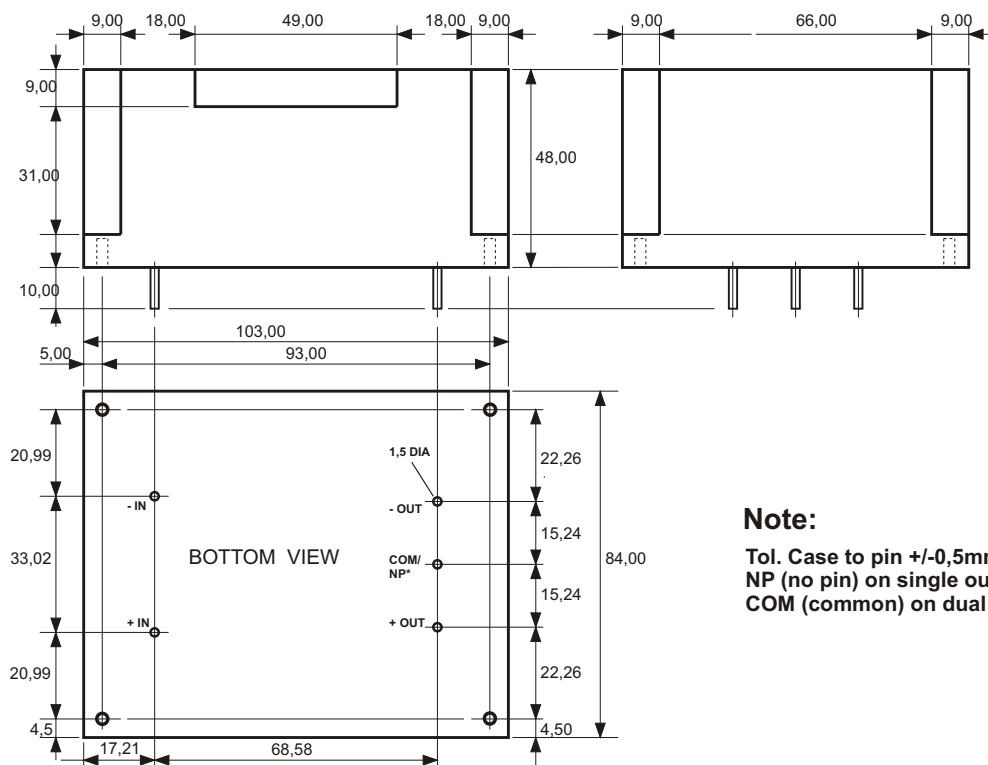
Operating temperature: -40°C to +105°C  
 Ambient temperature: -40°C to +71°C  
 Insulation test voltage: 4kV AC RMS (test voltage 10kV) continuous  
 Short circuit protection: continuous  
 Output ripple & noise: 150mVp-p

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

**CAUTION: NO INPUT POLARITY CHANGE ALLOWED!**

Part-No.	Input voltage	4kV AC RMS ISOLATION	Output voltage	Output Power
HVI-12xx(D)	12V ( 9 - 18V)		60 Watt	3,3V to 240V single or dual  Other voltages on request
HVI-24xx(D)	24V (16 - 36V)			
HVI-48xx(D)	48V (34 - 72V)			

**Order code example: HVI-2415 60W single output  
 HVI-2412D 60W dual output**



**Note:**

Tol. Case to pin +/-0,5mm  
 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.