

# INDUSTRIAL DC/DC Converters

Stand: 27/08

**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**

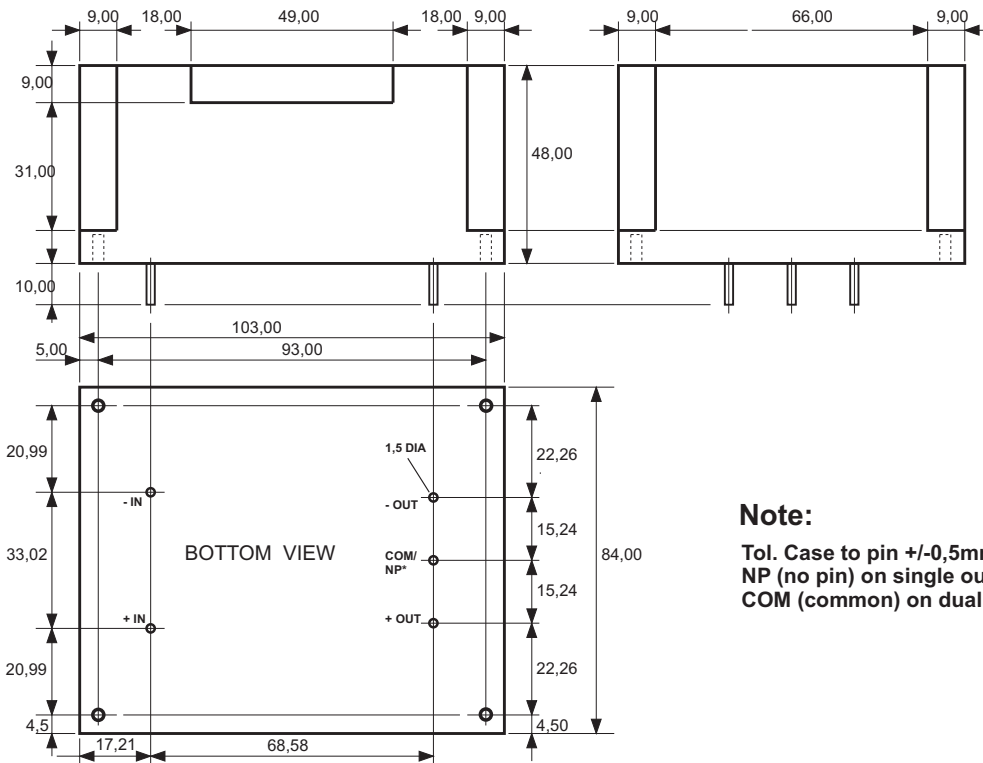
### Electrical specifications:

Input voltage:	wide 1:2	Ambient temperature:	-40°C to +71°C
Output voltage accuracy:	+/- 2%	Operating temperature:	max. +105°C
Line regulation:	+/- 0,2%	Insulation test voltage:	4kV AC RMS (test voltage 10kV)
Load regulation:	+/- 1%	Short circuit protection:	continuous
Efficiency:	72%	Output ripple & noise:	150mVp-p

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

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