

Stand: 07/14

INDUSTRIAL DC/DC Converters

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:

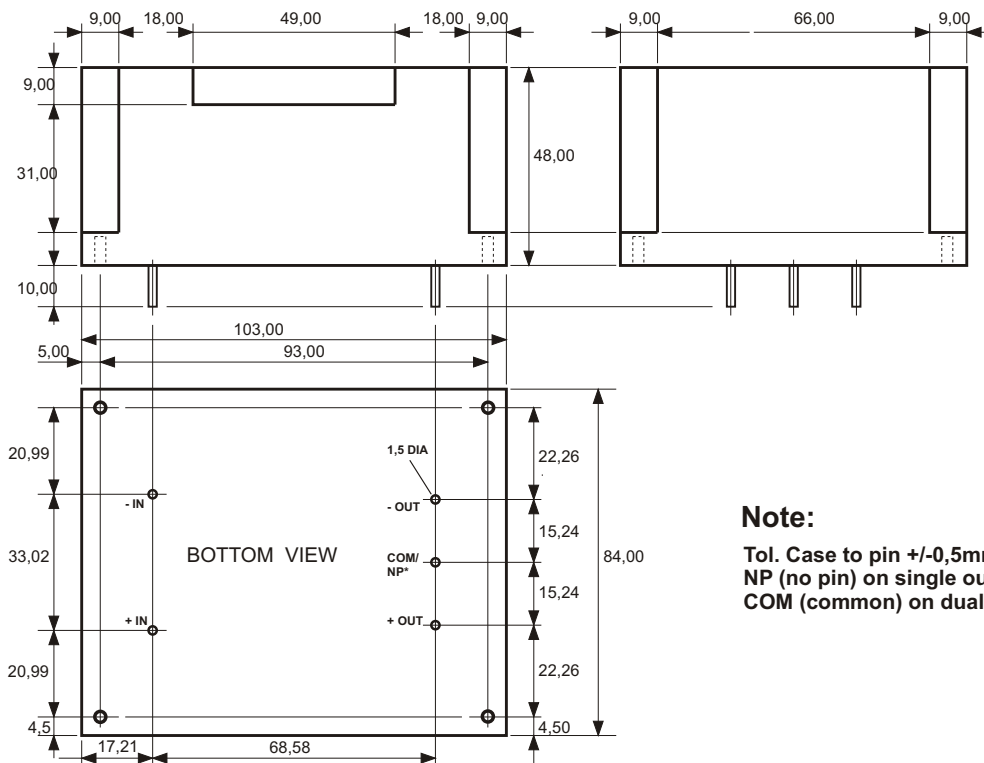
Input voltage: wide 1:2
 Output voltage accuracy: +/- 2%
 Line regulation: +/- 0,2%
 Load regulation: +/- 1%
 Efficiency: up to 88%

Operating temperature: -40°C to +105°C
 Ambient temperature: -40°C to +71°C
 Insulation test voltage: 4kV AC RMS (test voltage 10kV)
 Short circuit protection: continuous
 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)		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.