

Stand: 07/14

INDUSTRIAL DC/DC Converters

**60 Watt
 Series: HVI4**

Wide input range 1:4

Applications:
 - IGBT auxiliary supply
 - medical application

High Insulation Barrier
 4000V AC RMS continuously

EN50178 / EN50124-182 / EN61800-5

Electrical specifications:

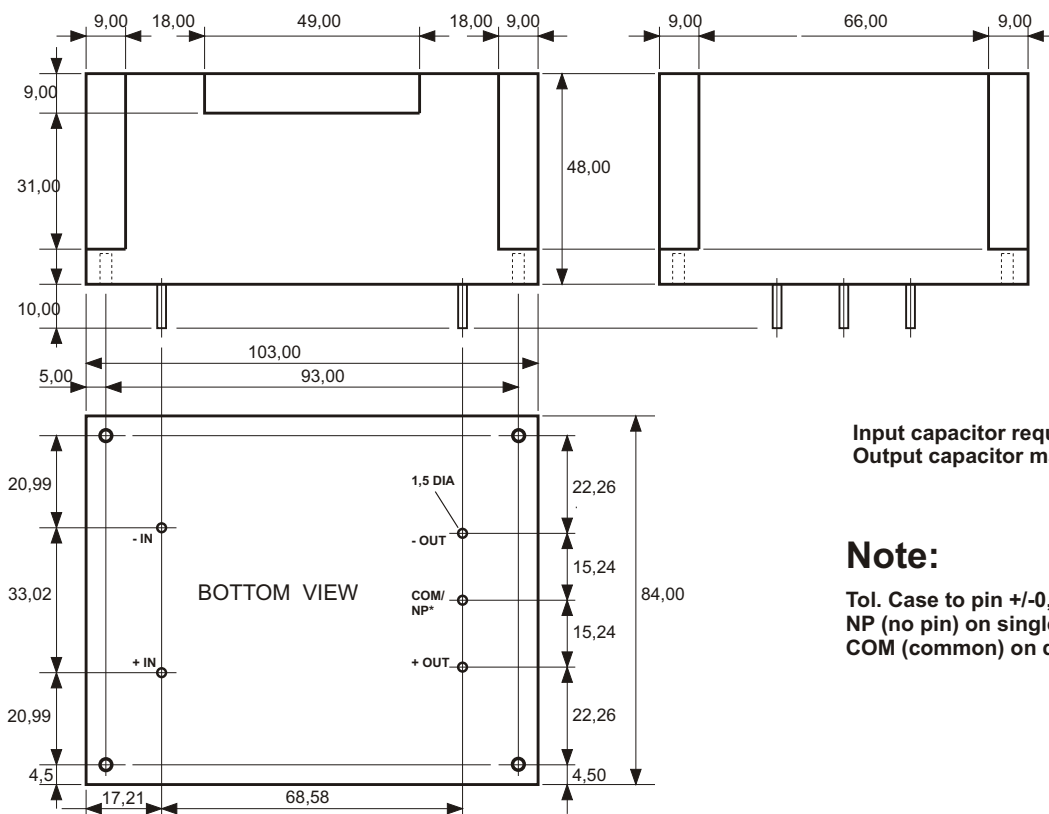
Input voltage:	wide 1:4	Operating temperature:	-40°C up to +105°C
Output voltage accuracy:	+/- 2%	Ambient temperature:	-40°C to +71°C derating (from 50°C 1%/°C)
Line regulation:	+/- 0,2%	Insulation test voltage:	4kV AC RMS
Load regulation:	+/- 1%	Short circuit protection:	continuous
Efficiency:	typ. 80%	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 current
HVI4-2424	24V (9 - 36V)		24V Other voltages on request	2,5A

Any other in & output voltages on request !



Input capacitor requested 1000µF
 Output capacitor max. 1000µF

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.