

Inverter INVT125

- bench case
- small and strong
- with 50 Hz output transformer
- potential free
- sinewave output
- short-circuit protected
- overload protected

Picture may differ from actual device



Specifications

General

Electrical safety	EN 60950, VDE 0805 overload and short-circuit protected
Efficiency	about 85%, nominal load
Galvanic isolation	3.75 kV _{DC}
EMC (emission)	EN 50081-1 Curve EN 55022B
EMC (immunity)	EN 50082-2
Operating temperature	-5 to +40°C non condensing

Input

INVT125-24	24 (19 - 31) V _{DC}
INVT125-48/60	48/60 (38 - 72) V _{DC}
INVT125-110	110 (88 - 132) V _{DC}

Output

Voltage	230 V _{AC} / 115 V _{AC} failure tolerance controlled
Frequency	50 Hz / 60 Hz, sinewave processor controlled

Power	125 VA, 100W
Power factor	0.8
Load range	0 - 100%
Crestfactor	>2.0
Harmonic distortion	<5%

Signals

Optical signals	power on / PG overload / OVL
Signal output	voltage free alarm contact

Warranty 24 months

Housing

Size (W x D x H)	bench case app. 243 x 175 x 72 (mm)
Weight	app. 2.5 kg
Classification	IP 20
Ventilation	convection

Electrical connections

Input	Power-CombiCon 3 pole type: PC 4/3-G-7,62
Output	appliance outlet EN 60320
Signals	Mini-CombiCon 6 pole type: MC-1,5/6 GF-3,81

Accessories

Connection set 1 (included)

Order Code

e.g. INVT125-48/60 - 230 - 1

Type	P / VA	U _{IN} / VDC	U _{OUT} / VAC	Options
INV	125	24	230	1
		48 / 60	115	
		110		

Separate values by hyphen (-), append options where applicable

Options:
1: 60Hz f_{OUT}