

SN 8306/LEO

Instruction & Operation manual

Valid for art.-no: 20107-AF 01

Caution:

As with any form of electrical equipment, there is always a risk involved in the handling of electrical machinery. The greatest care must always be exercised during installation and maintenance, and it is recommended this be carried out by authorized personnel.

SN8306

NOTE:

Before use the device, please read the operating instruction.

Improper installation and operation could cause personal injury.

Install and ground in accordance with national electric code to prevent electric shock.

Disconnect all power circuits before servicing.

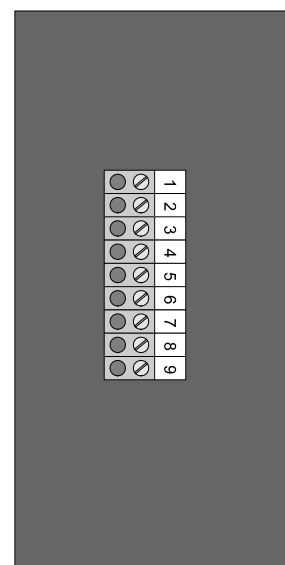
1. Technical Data

Input voltage:	230V AC / 50/60Hz
Power pack:	±10V DC, max. 5mA
Dimensions:	(W x H x D) 72mm x 144mm x 222mm
Ambient Temperature:	0-40°C
Amplifier	2 inverting amplifiers with a max. possible amplification of 0,01 to 1000.

2. Connections

Terminal

1 - 2	input voltage, (refer to type marking)
3	Input, inverter 1, max. 10V
4	Output, inverter 1, max. 12V
5	Input, inverter 2, max. 10V
6	Output, inverter 2, max. 12V
7	ground
8	ground
9	+15V



3. Function

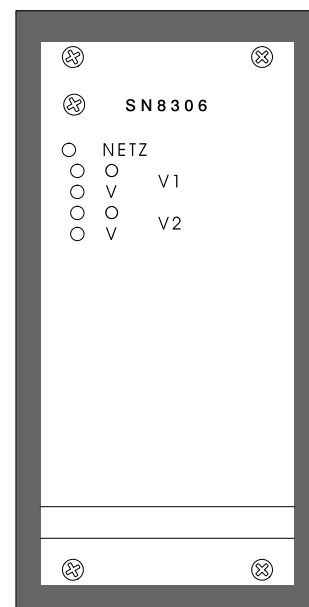
The power supply SN8306(LEO) has a power pack inside with the outputs of ±10V and 2 inverter amplifiers.

The amplifiers 1 and 2 have the same characteristic.

Voltage amplification	$V_u = (R_3/1 + P_2/1) / (R_6/1 + R_4/1)$	- amplifier 1
	$V_u = (R_3/2 + P_2/2) / (R_6/2 + R_4/2)$	- amplifier 2

Both amplifiers have a potentiometer for the offset.

The max. load of the amplifiers output is 3mA.



SN8306

4. Dimensions

