NV DELTA ELEKTRONIKA

P.O. BOX 27
ZIERIKZEE
NETHERLANDS
TELEPHONE (01110) 2734

REGULATED DC POWER SUPPLIES

VE 22 0-30 V, 0.3 A

Voltage regulation	5 mV for a + or − 10 % AC input voltage variation. 10 mV for a 100 % load variation.
Temp. coeff.	Maximum 0.05 % per °C.
Ripple voltage	Less than 0.2 mV r.m.s.
Output impedance	200 milli-ohms for load frequencies up to 100 kHz.
Recovery time	10 micro-seconds for recovery to within 30 mV of steady state voltage after a step load change from 10 % to 100 %.

VE 23 0-8 V, 1 A

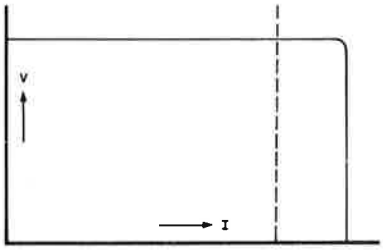
Voltage regulation	2 mV for a + or − 10 % AC input voltage variation. 3 mV for a 100 % load change.
Temp. coeff.	Maximum 3 mV per °C.
Ripple voltage	Less than 0.1 mV r.m.s.
Output impedance	200 milli-ohms for load frequencies up to 100 kHz.
Recovery time	15 micro-seconds for recovery to within 30 mV of steady state voltage after a step load change from 10 % tot 100 %.

REMAINING SPECIFICATIONS

Input voltage 110-130-200-220-240 V, 50-60 Hz.

Output voltage Continuously variable 0-100 % with 20-turn screwdriver adjustment on the printed circuit board.

Current limit On overload the current limits at approximately 125 % of maximum rating.



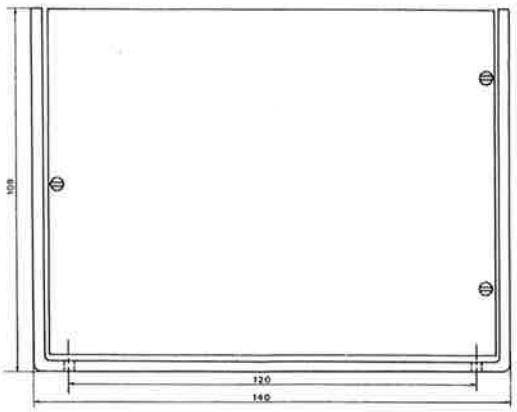
Parallel and series connection Special design enables parallel and series connection without any precaution.

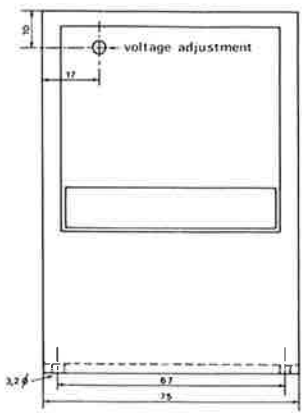
Ambient temp. − 20 to + 50 °C.

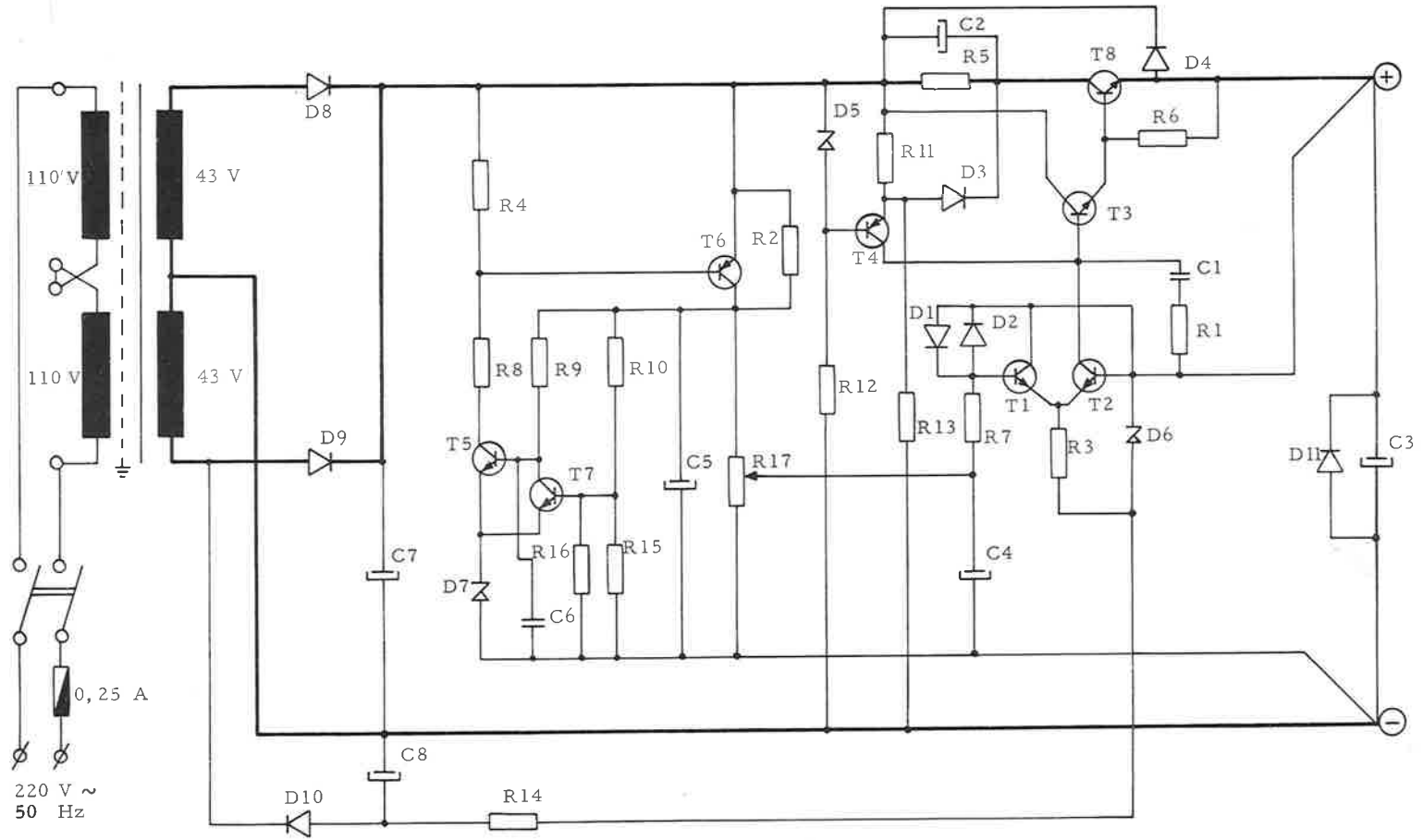
Weight

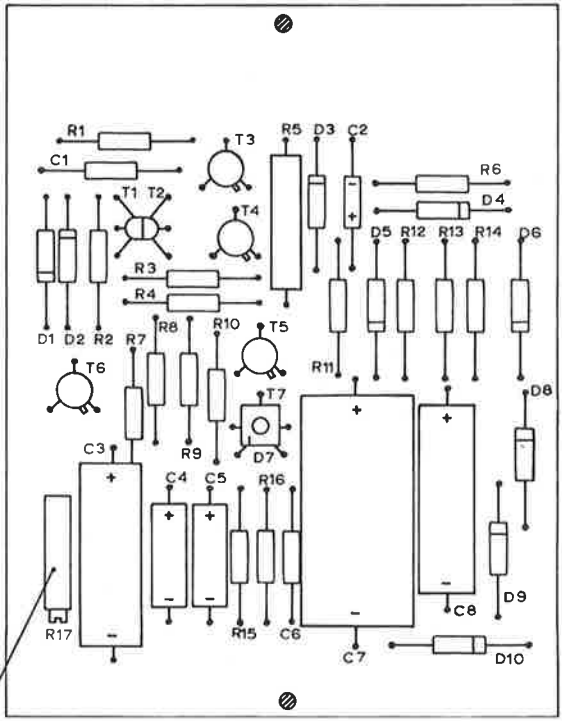
VE 22	1.0 kg.
VE 23	1.3 kg.

Size 75 x 108 x 140 mm.



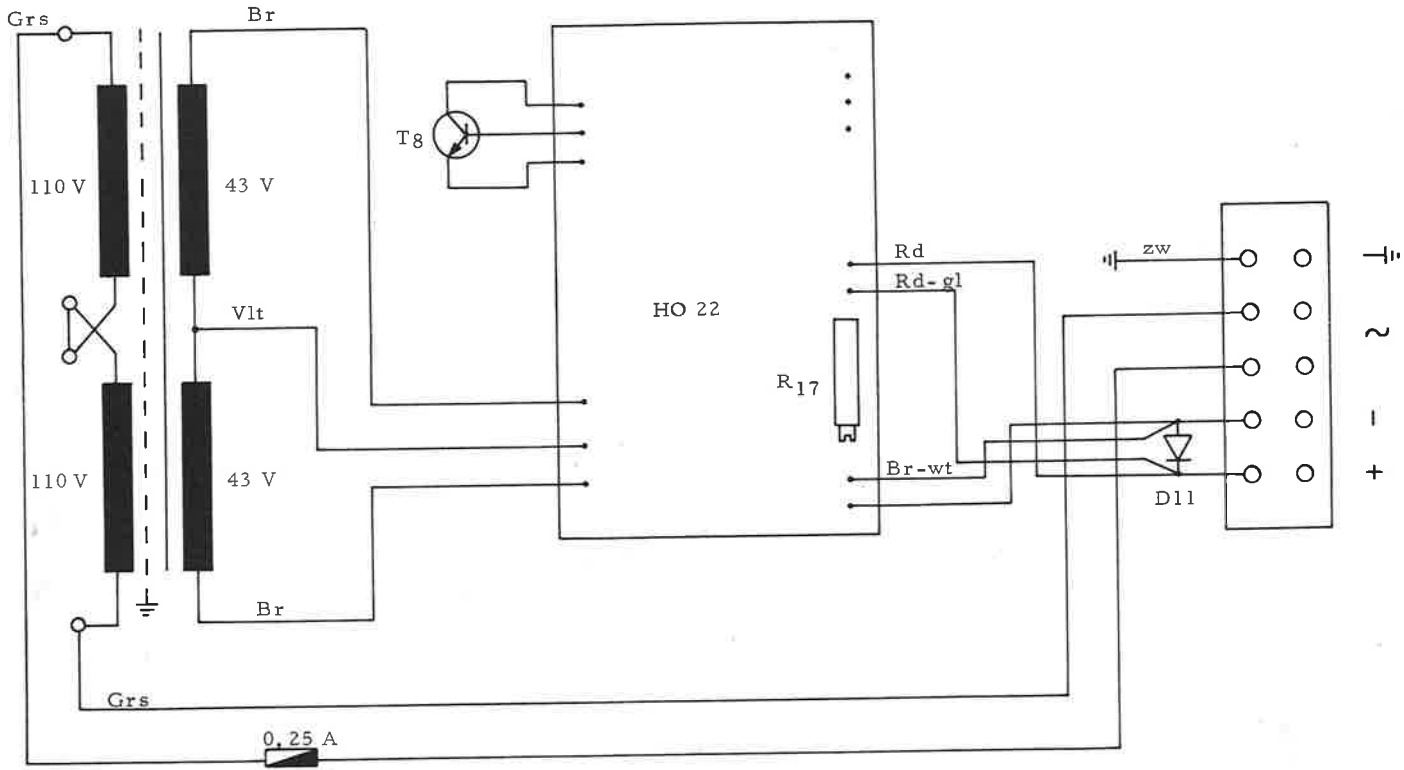



110 V
110 V
43 V
43 V
0,25 A
220 V ~
50 Hz
D8
D9
D10
D1
D2
D3
D4
D5
D6
D7
D11
T1
T2
T3
T4
T5
T6
T7
T8
R1
R2
R3
R4
R5
R6
R7
R8
R9
R10
R11
R12
R13
R14
R15
R16
R17
C1
C2
C3
C4
C5
C6
C7
C8
+
−



HO 22

Spannungseinstellung
Voltage adj.



VE 22

DELTA ELEKTRONIKA

R (Ohm)

1 =	470		
2 =	4,7	k	½W 5%
3 =	3,3	k	½W 5%
4 =	2,2	k	½W 5%
5 =	22		½W 5%
6 =	100		½W 5%
7 =	3,3	k	½W 5%
8 =	3,3	k	½W 5%
9 =	4,7	k	½W 5%
10 =	3,9	k	½W 2% MF
11 =	10	k	½W 5%
12 =	10	k	½W 5%
13 =	1	m	½W 5%
14 =	10	k	1W 5%
15 =	1,2	k	½W 2% MF
16 =	ARW		
17 =	5	k	20 sl. potm.

C (microfarad)

1 =	0,001	400 V
2 =	2	15 V
3 =	100	70 V
4 =	10	100 V
5 =	10	100 V
6 =	0,001	400 V
7 =	500	70 V
8 =	100	70 V

T	1 =	2N3704	TI
	2 =	2N3704	TI
	3 =	40348	RCA
	4 =	2N4037	RCA
	5 =	40348	RCA
	6 =	2N4037	RCA
	7 =	2N3704	TI
	8 =	2N3055	RCA

D	1 =	OA 202	Philips
	2 =	OA 202	Philips
	3 =	OA 202	Philips
	4 =	TS 2	DI
	5 =	ZG 6,8	Intermetall
	6 =	ZG 6,8	Intermetall
	7 =	ZG 6,8	Intermetall
	8 =	TS 2	DI
	9 =	TS 2	DI
	10 =	TS 2	DI
	11 =	TS 2	DI

MF = Metaalfilmweerstand
Metal filmresistor
Metallfilmwiderstand

ARW = Afregelweerstand
Calibration resistor
Abregelwiderstand