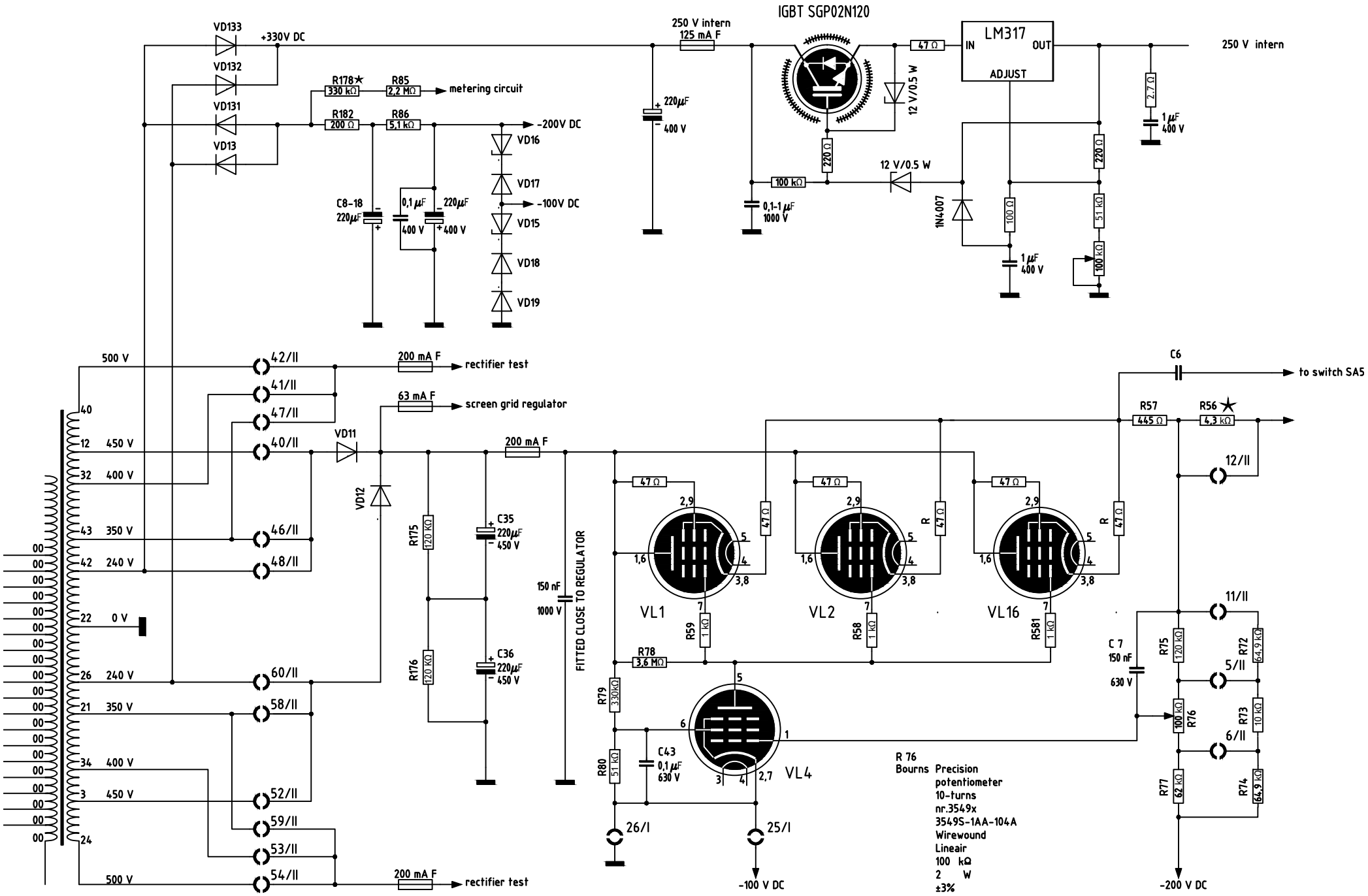
IGBT SGP02N120
VD133
+330V DC
VD132
VD131
VD13
R178★
330 kΩ
R85
2,2 MΩ
metering circuit
R182
200 Ω
R86
5,1 kΩ
-200V DC
VD16
VD17
-100V DC
VD15
VD18
VD19
C8-18
220µF
0,1 µF
400 V
220µF
400 V
250 V intern
125 mA F
220µF
400 V
47 Ω
LM317
IN
OUT
ADJUST
12 V/0,5 W
220 Ω
100 kΩ
0,1-1 µF
1000 V
12 V/0.5 W
1N4007
100 Ω
1 µF
400 V
220 Ω
51 kΩ
100 kΩ
2,7 Ω
1 µF
400 V
250 V intern
500 V
42/II
200 mA F
rectifier test
41/II
47/II
63 mA F
screen grid regulator
40/II
VD11
200 mA F
VD12
40
12 450 V
32 400 V
43 350 V
42 240 V
22 0 V
26 240 V
21 350 V
34 400 V
3 450 V
24
500 V
46/II
48/II
60/II
58/II
52/II
59/II
53/II
54/II
200 mA F
rectifier test
R175
120 kΩ
C35
220µF
450 V
R176
120 kΩ
C36
220µF
450 V
150 nF
1000 V
FITTED CLOSE TO REGULATOR
47 Ω
2,9
1,6
5
4
3,8
7
VL1
VL2
VL16
R
R59
1 kΩ
R58
1 kΩ
R581
1 kΩ
R78
3,6 MΩ
R79
330kΩ
R80
51 kΩ
C43
0,1 µF
630 V
6
1
3
4
2,7
VL4
26/I
25/I
-100 V DC
R 76
Bourns Precision
potentiometer
10-turns
nr.3549x
3549S-1AA-104A
Wirewound
Lineair
100 kΩ
2 W
±3%
C6
to switch SA5
R57
445 Ω
R56★
4,3 kΩ
12/II
11/II
C 7
150 nF
630 V
R75
120 kΩ
R72
64,9 kΩ
5/II
R76
100 kΩ
R73
10 kΩ
6/II
R77
62 kΩ
R74
64,9 kΩ
-200 V DC
★ SOME UNITS ARE FITTED WITH A 1,8 KΩ FOR R56