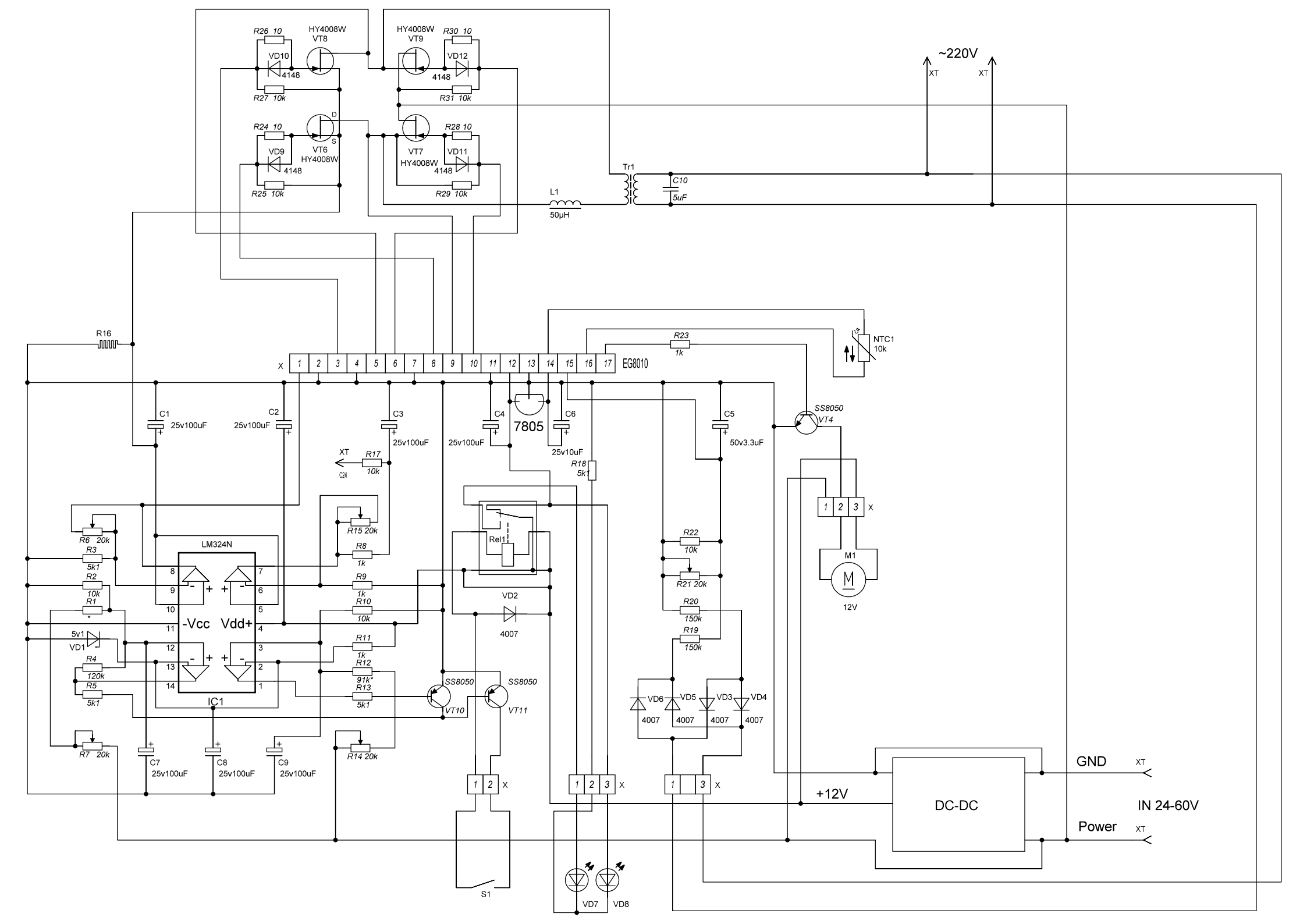

~220V
XT
XT
R26 10
HY4008W
VT8
VD10
4148
R27 10k
HY4008W
VT9
R30 10
VD12
4148
R31 10k
R24 10
D
S
VT6
HY4008W
VD9
4148
R25 10k
VT7
HY4008W
R28 10
VD11
4148
R29 10k
Tr1
C10
5uF
L1
50µH
R16
X
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
EG8010
R23
1k
NTC1
10k
C1
25v100uF
C2
25v100uF
C3
25v100uF
C4
25v100uF
7805
C6
25v10uF
C5
50v3.3uF
SS8050
VT4
XT
R17
10k
C24
R18
5k1
R6 20k
R3
5k1
R2
10k
R1
*
5v1
VD1
R4
120k
R5
5k1
LM324N
-Vcc
Vdd+
IC1
R15 20k
R8
1k
R9
1k
R10
10k
R11
1k
R12
91k*
R13
5k1
Rel1
VD2
4007
SS8050
VT10
SS8050
VT11
R22
10k
R21 20k
R20
150k
R19
150k
VD6
VD5
VD3
VD4
4007
4007
4007
4007
1 2 3 X
M1
M
12V
R7 20k
C7
25v100uF
C8
25v100uF
C9
25v100uF
R14 20k
1 2 X
1 2 3 X
1 3 X
+12V
DC-DC
GND
XT
IN 24-60V
Power
XT
S1
VD7
VD8