P
N
230 V
50 Hz
F1
1AT
L2
40 uH
L3
40 uH
R26
2x270k
50
R25
SIOV-S10k250
R27
C4
1u5
D1
1N4007
D2
1N4007
C6
220/25
D7
ZD22
U2
78L12
VI
VO
GND
+12U
GND
D5
1N4007
D6
1N4007
D4
1N4007
D3
1N4007
C5
*)
F2
630mAF
T1
BUZ80
T2
BUZ80
R2
100
R3
100
D8
ZPD12
D9
ZPD12
D10
ZPD12
D11
ZPD12
R4
10k
TR1
D16
BYV26C
D17
BYV27
L1
*)
K2.1
K2.2
K1.1
K1.2
R23
10/1W
C1
*)
R24
SIOV-S10k250
TR2
C2
220n/400
C3
220n/400
R1
*)
GND
R19
4k7
+12U
R12
100k
P+
R21
5k6
U1B
CA3240E
R22
3k3
C10
100n
U1A
CA3240E
PM
R5
10k
T3
BC557
R7
10k
GND
IC2B
4528
C16
100p
C11
100n
GND
C18
10p
GND
R9
10k
T9
BC547
T10
BC547
C12
470n
T5
BC557
T6
BC557
R6
10k
T4
BC557
+12U
IC2A
4528
C15
100p
C17
10p
R8
10k
P-
P1
Lin
D14
BAT85
R20
1k
IC1
CIN
VCOOUT
SIGIN
CX
CX
INH
R1
R2
PP
PC1
PC2
VCOIN
DEMO
ZEN
4046
C14
47p
C7
100/16
R17
39k
D13
1N4148
R18
150k
R16
6k8
D12
ZPD4V7
R15
15k
R10
10k
R14
22k
R13
18k
T7
BC557
C13
10n
D15
ZPD9V1
T8
BC547
R11
10k
+12U
C8
220n
IC1P IC2P
C9
100n
GND

*)

Lampentyp	L1	C1	R1	C5
TL D 18 W TL (M) 20 W TL E 22 W	2.0 mH 45.5 Wdg.	4.7n 1500V	2.2R	22 uF 350 V
TL D 30 W TL E 32 W	1.8 mH 43.5 Wdg.	5.6n 1500V	1.8R	22 uF 350 V
TL D 36 W TL (E) (M) 40 W	1.6 mH 42.5 Wdg.	6.8n 1500V	1.8R	22 uF 350 V
TL D 58 W TL (M) 65 W	1.1 mH 32.5 Wdg.	10 n 1500V	1R	47 uF 350 V

TITLE: TL-Dimmer

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