



PSL1 Parts list (1)

All the components in this list are included in the kit
Tous les composants de cette liste sont inclus dans le kit

Reference	Value	Qty	Description	Marking	Dim (2)	Manuf.
R2, R5	150R	2	Resistor 1%, 1/4W	BRN GRN BRN BRN		
R7	270R	1	Resistor 1%, 1/4W	RED VIO BRN BRN		
R3, R6	1K2	2	Resistor 1%, 1/4W	BRN RED BLK BRN BRN		
R9	1K8	1	Resistor 1%, 1/4W	BRN GRY BLK BRN BRN		
R8	8K2	1	Resistor 1%, 1/4W	GRY RED RED BRN		
R1, R4	33K	2	Resistor 1%, 1/4W	ORG ORG BLK RED BRN		
C1, C7	47n-250V	2	Capacitor Film	0.047	R7.5	Wima
C5, C11	10u-50V	2	Capacitor Electro Low ESR, 105°		D5R2	Nichicon
C16	33u-63V	1	Capacitor Electro Low ESR, 105°		D6.3R2.5	Nichicon
C6, C12	150u-35V	2	Capacitor Electro Low ESR, 105°		D8R3.5	Nichicon
C17	120u-63V	1	Capacitor Electro Low ESR, 105°		D8R3.5	Nichicon
C8, C9, C10, C13, C14, C15	1000u-50V	6	Capacitor Electro Low ESR, 105°		D18R7.5	Nichicon
C2, C3, C4	1500u-50V	3	Capacitor Electro Low ESR, 105°		D16R7.5	Nichicon
D2, D7, D12	1N914	3	Signal diode	914 or 4148		
D1, D3, D6, D8, D11	1N4004	5	Rectifier diode	1N4004		
BR1, BR2, BR3	500V1A5	3	Bridge rectifier			
D4, D10	Z20V-0.5W	2	Zener diode			
D13	Z39V-1.3W	1	Zener diode	C39PH		
D14	Red	1	High efficiency LED		D3	
D5	Green	1	High efficiency LED		D3	
D9	Yellow	1	High efficiency LED		D3	
U3	TL783	1	High voltage regulator	TL783C		
U1, U2	LM317	2	Positive voltage regulator	LM317T or TS317		
T1	50VA	1	Toroid Transformer 50VA 115+115/25+25			
SW1	SPST	1	Power switch on/off			Arcoelectric
SW2	115V/230V	1	Voltage selector			Schurter
CN4	NC5FBH	1	XLR socket 5pins fem. PCB			Neutrik
CN1	PX0575/10/PC	1	IEC Inlet			Bulgin
CN3	10pins	1	PE series Header		R4.2	AMP Tyco
CN7	10pins	1	PE series Receptacle		R4.2	AMP Tyco
CN2	6pins	1	PE series Header		R4.2	AMP Tyco
CN6	6pins	1	PE series Receptacle		R4.2	AMP Tyco
Contact socket	18-24 wg	14	PE series Contact		R4.2	AMP Tyco
TP1, TP2, TP3, TP4		4	Test pin		D1	
Case connection		1	Solder tag		M3	
P1, P2, P3	5K	3	Trimmer pot	502 or 5K		
VDR1	300V-0,25W	1	Varistor			

F1-F.Holder		1	Fuse holder		
F1-Fuse	0,63T	1	Fuse-230V antisurge		5x20
F1-Fuse	1,25T	1	Fuse-115V antisurge		5x20
F2	103°	1	Thermal fuse		
U1, U2, U3 heatsinks		3	Heatsink		
U1, U2, U3 isolators		3	Mica insulator TO220		
U1, U2, U3 isolators		3	Insulating shoulder washer		
Main PCB		1	PCB		100x220
Case		1	Extruded box		108x220
Case		1	PSL1 Front pannel		
Case		1	PSL1 Back pannel		
Case		1	Isolating cardboard		90x219
U1, U2, U3 assembly	M3x6	3	Brass spacer		
Case assembly	2.9x9.5	10	Self taping screw pan head		
Case to earth connect	M3x8	1	Screw pan head		
U1, U2, U3 assembly	M3x30	3	Screw pan head		
Transformer assembly	M5x40	1	Screw pan head		
U1, U2, U3 assembly	M3	3	Nylon washer		
U1, U2, U3 assembly	M3	3	Metal washer		
Case to earth connect	M3	1	Shakeproof washer		
U1, U2, U3, Case	M3	4	Self locking nut		
		1	Power cord		180cm
Back pannel wiring		1	Tinned copper wire D0.9mm (20wg)		5cm
Front pannel wiring		1	Dual wall flexible wire 0.5mm ² , Black		200cm
Front pannel wiring		2	Cable tie		100x2.5
Front pannel wiring		1	Heat shrink tubing D4.8mm		6cm
Front pannel wiring		1	Heat shrink tubing D3.2mm		6cm
Front pannel wiring		1	Braided sleeving D4-10mm		24cm

(1) Data can be changed without notice

(2) Rx : spacing between leads or pins=x, Dx : diameter=x, Lx : Pot spindle length=x, Dimensions in mm unless differently stated

Schematic Rev 1.2

PCB Rev 1.2

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