

PSU1-SS (Soft Start) kit

Pkg & order	Component	Q	Position
0(0)	PSU1 Soft Start PCB	1	PCB
	<i>Comment: PCB</i>		
	<i>Spec:</i>		
1(0)	Relay Pwr PC MNT DPDT 8A 24VDC	2	K1 K2
	<i>Comment: Relays</i>		
	<i>Spec:</i>		
1(0)	Spacer nylon nat 9 mm round #4	4	Mounting holes
	<i>Comment:</i>		
	<i>Spec: Standoff 9mm</i>		
1(0)	Term Block PCB 2Pos 9.52mm	5	J1 J31 J32 J33 J34
	<i>Comment: Cable connector screw block headers</i>		
	<i>Spec: 9.52 or 10 mm</i>		
1(0)	Res Ax. 5W Wire wound 100ohm L25	1	R31
	<i>Comment: Soft start resistor</i>		
	<i>Spec: 100 ohm 5W wire / ceramic L25 mm</i>		
1(0)	Choke Common Mode 4A	1	L1
	<i>Comment: Common mode filter</i>		
	<i>Spec: 2x0.7mH 4A</i>		
1(0)	Varistor 250VRMS	1	VT1
	<i>Comment: Over temperature protection</i>		
	<i>Spec: S20K250</i>		
2(0)	Res Ax. Met. film 1W 6.5mm 10Kohm	2	R310 R314
	<i>Comment:</i>		
	<i>Spec: 10K min 0.6W</i>		
2(0)	Cap 25V Elect 47uF U-low ESR	1	C36
	<i>Comment:</i>		
	<i>Spec: 47uF 25V Standard</i>		
2(0)	Cap X2 0.47uF Polypro RM15	2	C1 C2
	<i>Comment: X2 mains decoupling</i>		
	<i>Spec: 0.47uF MUST BE X2 APPROVED</i>		
2(0)	Cap X2 0.33uF Polypro RM15	2	C31 C32
	<i>Comment:</i>		
	<i>Spec: 0.33uF MUST BE X2-APPROVED</i>		
2(0)	Res Ax. Met. film 1W 6.5mm 120ohm	4	R36 R37 R38 R39
	<i>Comment:</i>		
	<i>Spec: 120 ohm min 0,6W</i>		
2(0)	Cap 63V Film 1uF Metal Poly RM5	3	C33 C34 C35
	<i>Comment:</i>		
	<i>Spec: Polyester 1 uF RM5 5x5</i>		
3(0)	Res Ax. Met. film 1W 6.5mm 22Kohm	1	R312
	<i>Comment:</i>		
	<i>Spec: 22K</i>		
3(0)	Res Ax. Met. film 1W 6.5mm 470K	4	R311 R33 R34 R35
	<i>Comment:</i>		
	<i>Spec:</i>		
3(0)	Res Ax. Met. film 1W 6.5mm 2.2K	1	R313

Comment:

Spec:

3(0) **Res Ax. Met. film 0.6W 6.5mm 47ohm** 1 R32

Comment:

Spec: *47 ohm 50ppm/deg*

4(0) **Diode Fast / Sw 100V 200mA DO-35** 3 D32 D33 D34

Comment:

Spec: *Switch diodes min150mA 75V*

4(0) **Rect Bridge B100S 1000V 1.5A WOG** 1 B31

Comment: *Rectifier Bridge*

Spec: *Bridge B100S*

4(0) **Diode 1A 700V 1N4007** 1 D31

Comment:

Spec: *Standard diode high voltage*

4(0) **Diode Zener 1.3W 33V DO-41** 1 DZ31

Comment:

Spec: *Zener 33V*

4(0) **Trans NPN BC550C TO-92** 3 Q31 Q32 Q33

Comment:

Spec: *NPN 100mA SOT-54*

(c) www.41hz.com