

KWD10

PA774-01-01A

SPECIFICATIONS

ITEMS		MODEL	KWD10-1212		KWD10-1515	
			CH1	CH2	CH1	CH2
1	Nominal Output Voltage	V	+12 (24)	-12	+15 (30)	-15
2	Minimum Output Current	A	0.0	0.0	0.0	0.0
3	Maximum Output Current	A	0.45	0.45	0.36	0.36
4	Maximum Output Power	W	10.8		10.8	
5	Efficiency (Typ.) (*1)	%	72		72	
6	Input Voltage Range (*2)	-	85 - 265VAC (47 - 440Hz) or 110 - 340VDC			
7	Input Current (Typ) (*1)	-	0.3A at 100VAC			
8	Inrush Current (Typ)	-	15A at 100VAC, 30A at 200VAC Ta= +25°C			
9	Output Voltage Range	-	Fixed ±5% (Max)			
10	Maximum Ripple & Noise (*3)	mV	150	150	150	150
11	Maximum Line Regulation (*3)(*4)	mV	60	60	75	75
12	Maximum Load Regulation (*3)(*5)	mV	600	600	750	750
13	Maximum Temperature Drift (*3)(*6)	mV	120	120	150	150
14	Over Current Protection (*7)	-	105% -			
15	Over Voltage Protection (*8)	-	110% -			
16	Parallel Operation	-	-			
17	Series Operation	-	Possible			
18	Hold-Up Time (Typ)	-	17ms at 10W, 100 VAC, Ta = +25°C			
19	Operating Temperature	-	-10 - +70°C (-10°C : 80% 0 - +50°C : 100% +70°C : 25%)			
20	Operating Humidity	-	30 - 90% RH (No Dewdrop)			
21	Storage Temperature	-	-30 - +85°C			
22	Storage Humidity	-	20 - 95% RH (No Dewdrop)			
23	Cooling	-	Convection Cooled			
24	Withstand Voltage	-	Input - Output : 3kVAC (20mA), Input - FG : 2kVAC (20mA), Output - FG : 500VAC (100mA) for 1 min.			
25	Isolation Resistance	-	More than 100MΩ at +25°C and 70%RH Output - FG 500VDC			
26	Vibration	-	10 - 55Hz, Constant Amplitude 1.65mmp-p (Max 98.1m/s ²), sweep 1 min X,Y,Z 1h each			
27	Shock	-	Less than 490.3m/s ² for 11±5ms on ±(X, Y, Z) axis each 3 times			
28	Safety	-	Approved by UL62368-1, CSA62368-1, EN62368-1, UL60950-1, CSA60950-1, EN60950-1 (Expire date of 60950-1 : 20/12/2020)			
29	Conducted Radio Noise (*9)	-	Designed to meet VCCI - Class A, FCC class B, VDE class B			
30	Weight (Typ.)	-	100g			
31	Size (W x H x D)	mm	45 x 20.5 x 64 (Refer to Outline Drawing)			

*Read Instruction Manual carefully, before using the power supply unit.

=NOTES=

- * 1 : At 100VAC and Maximum Output Power, Ta = +25°C.
- * 2 : For cases where conformance to various safety specs (UL, CSA & EN) are required, to be described as 100 - 240VAC, 50 / 60Hz on name plate.
- * 3 : Please refer to Fig. A for measurement determination of Line & Load Regulation and Output Ripple & Noise Voltage.
- * 4 : From 85 - 265VAC, Constant Load.
- * 5 : From Min load - Full load (Maximum power), Constant Input Voltage.
- * 6 : From 0 - +50°C, Constant Input Voltage and Load.
- * 7 : Current limiting with automatic recovery.
Avoid to operate overload or dead short for 30 seconds.
- * 8 : Over Voltage Clamping by Zener Diode (On CH2 Only).
- * 9 : VDE class - B with external capacitor.

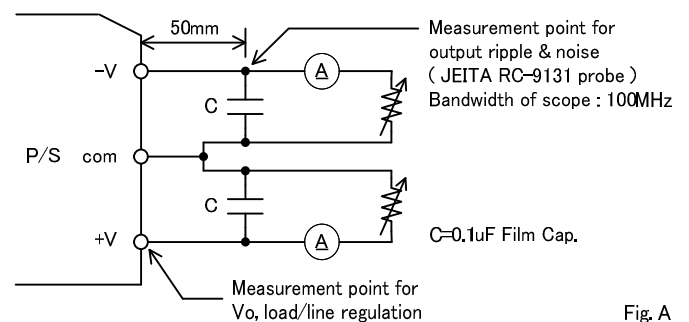


Fig. A