전기적 특성(Specifications)

Product.	SMPS	Date.	2007. 4. 19.
Model.	CSF75- S	Rev.	A
Customer.	STANDARD	Page.	1 / 2

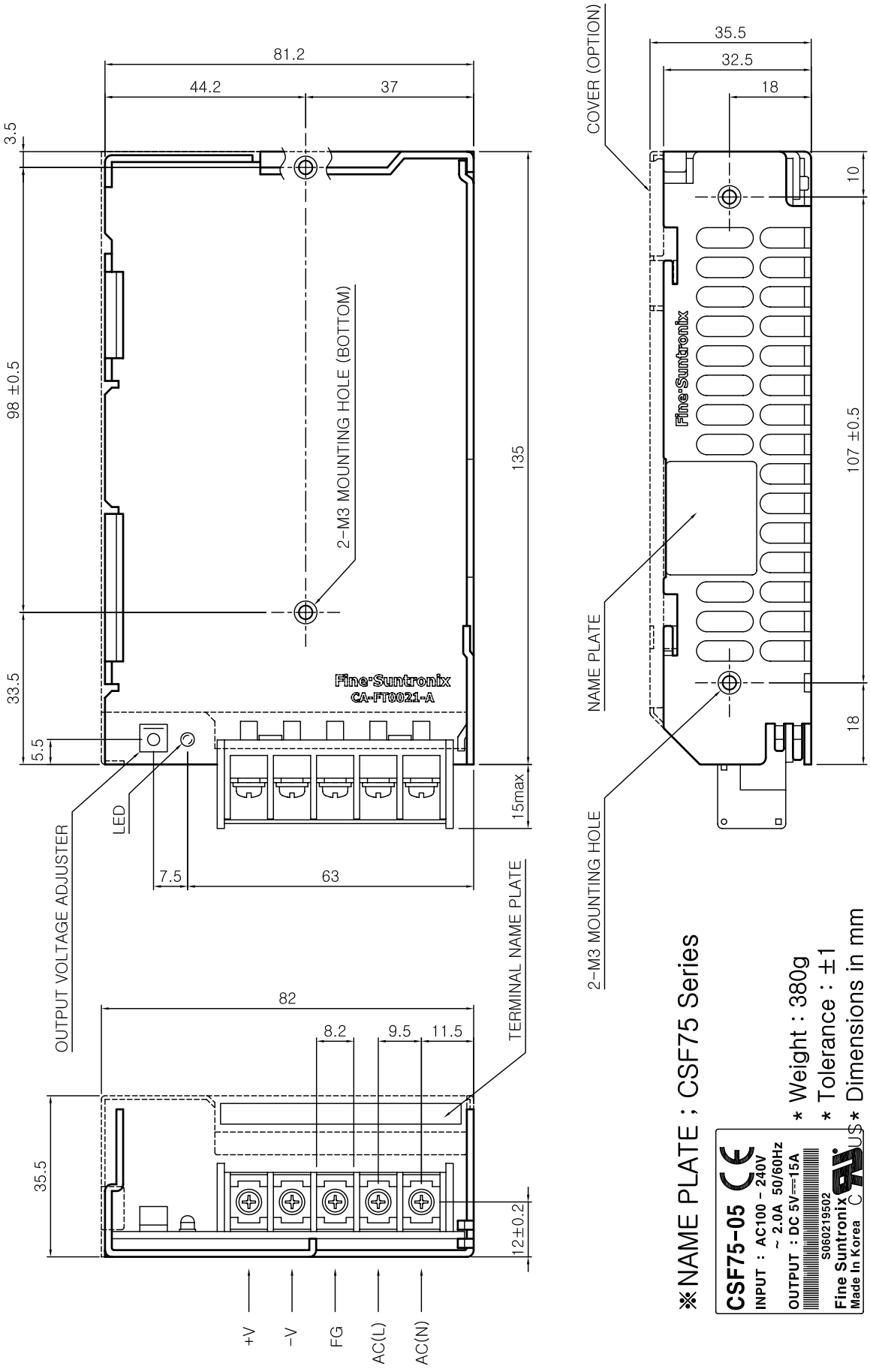
MODEL/CHANNEL			Unit.	3R3	05	09	12
INPUT	Voltage , Frequency		[V]	AC100 - 240(AC 85 - 264), 50/60Hz(47 - 440)or DC125~370V(Universal Input)			
	Current	110V	[A]	1.0	1.3	1.3	1.3
	Typ.	220V		0.6	0.8	0.8	0.8
	Efficiency	110V	[%]	75	78	81	82
	Typ.	220V		75	78	81	82
	Power factor	110V	-	-			
	Typ.	220V		-			
	Inrush Current	110V	[A]	20 (Ta=25℃ , Io=100% at cold Start)			
	Typ.	220V		40 (Ta=25℃ , Io=100% at cold Start)			
	Leakage Current	110V	[mA]	0.4			
	Max.	220V		0.75			
OUTPUT	Norminal Voltage		[V]	3.3	5.0	9.0	12.0
	Setting Voltage Range		[V]	3.26 ~ 3.34	4.95 ~ 5.05	8.91 ~ 9.09	11.88 ~ 12.12
	current		[A]	15.0	15.0	8.3	6.3
	Line Regulations		[mV]	25	25	45	60
	Load Regulations		[mV]	50	50	90	120
	Cross Regulations		[mV]	-	-	-	-
	Temperature Drift		[mV]	50	75	135	180
	Ripple Max.		[mV]	50	50	90	120
	Ripple & Noise Max.		[mV]	120	120	140	170
	Turn- on Time Typ.		[ms]	200 (AC IN 100V, Io=100%)			
	Hold- up Time Typ.		[ms]	17 (AC IN 100V, Io=100%)			
Function	Over Voltage Protection		[V]	3.8 ~ 4.6	5.7 ~ 7.0	10.3 ~ 12.6	13.8 ~ 16.8
	Over Current Protection		[A]	16.5 ~ 21.7	16.5 ~ 21.7	9.13 ~ 12.1	6.93 ~ 9.14
	Remote ON.OFF		-	-	-	-	-
	Remote Sensing		-	-	-	-	-
	Power Fail Signal		-	-	-	-	-
	Parallel/Series Operation		-	Series operations is possible			
	Cooling / O.T.P		-	Convection cooling			
Electrical Isolation	(1) Input - Output		-	AC 3.0KV 1min, cut-off: 20mA / DC 500V 100MΩ			
	(2) Input - F.G		-	AC 2.0KV 1min, cut-off: 20mA / DC 500V 100MΩ			
	(3) Output - F.G		-	AC 0.5KV 1min, cut-off:100mA / DC 500V 100MΩ			
Environment	Operating temp. & Humidity		-	-10 ~ +70℃(Required Derating) , 20 ~ 90% RH (Non Condensing)			
	Storage temp. & Humidity		-	-20 ~ +75℃, 20 ~ 90% RH (Non Condensing)			
	Vibration		-	10~55Hz at 1G 3minutes period, 30minutes along X,Y and Z axis			
Dimension	Size(WxHxD) / Weight		mm / g	82 x 35.5 x 135 (149.1) / 380			
Safety	-		-	Approved by UL 60950-1,CSA C22.2 No.60950-01-03,CE (File No. E164582)			
Emission	Conducted Emission		-	Built to meet EN55022-A			

전기적 특성(Specifications)

Product.	SMPS	Date.	2007. 4.19.
Model.	CSF75- S	Rev.	A
Customer.	STANDARD	Page.	2 / 2

MODEL/CHANNEL			Unit.	15	24	48	
INPUT	Voltage , Frequency		[V]	AC100 - 240(AC 85 - 264), 50/60Hz(47 - 440)or DC125~370V(Universal Input)			
	Current	110V	[A]	1.3	1.3	-	-
	Typ.	220V		0.8	0.8	-	-
	Efficiency	110V	[%]	81	84	-	-
	Typ.	220V		80	82	-	-
	Power factor	110V	-	-			
	Typ.	220V		-			
	Inrush Current	110V	[A]	20 (Ta=25℃ , Io=100% at cold Start)			
	Typ.	220V		40 (Ta=25℃ , Io=100% at cold Start)			
	Leakage Current	110V	[mA]	0.4			
	Max.	220V		0.75			
OUTPUT	Norminal Voltage		[V]	15	24	-	-
	Setting Voltage Range		[V]	14.85 ~ 15.15	23.76 ~ 24.24	-	-
	current		[A]	5.0	3.2	-	-
	Line Regulations		[mV]	75	120	-	-
	Load Regulations		[mV]	150	240	-	-
	Cross Regulations		[mV]	-	-	-	-
	Temperature Drift		[mV]	225	360	-	-
	Ripple Max.		[mV]	150	240	-	-
	Ripple & Noise Max.		[mV]	200	290	-	-
	Turn- on Time Typ.		[ms]	200 (AC IN 100V, Io=100%)			
	Hold- up Time Typ.		[ms]	17 (AC IN 100V, Io=100%)			
Function	Over Voltage Protection		[V]	17.2 ~ 21.0	27.6 ~ 33.6	-	-
	Over Current Protection		[A]	5.5 ~ 7.25	3.52 ~ 4.64	-	-
	Remote ON.OFF		-	-	-	-	-
	Remote Sensing		-	-	-	-	-
	Power Fail Signal		-	-	-	-	-
	Parallel/Series Operation		-	Series operations is possible			
	Cooling / O.T.P		-	Convection cooling			
Electrical Isolation	(1) Input - Output		-	AC 3.0KV 1min, cut-off: 20mA / DC 500V 100MΩ			
	(2) Input - F.G		-	AC 2.0KV 1min, cut-off: 20mA / DC 500V 100MΩ			
	(3) Output - F.G		-	AC 0.5KV 1min, cut-off:100mA / DC 500V 100MΩ			
Environment	Operating temp. & Humidity		-	-10 ~ +70℃(Required Derating) , 20 ~ 90% RH (Non Condensing)			
	Storage temp. & Humidity		-	-20 ~ +75℃, 20 ~ 90% RH (Non Condensing)			
	Vibration		-	10~55Hz at 1G 3minutes period, 30minutes along X,Y and Z axis			
Dimension	Size(WxHxD) / Weight		mm / g	82 x 35.5 x 135 (149.1) / 380			
Safety	-		-	Approved by UL 60950-1,CSA C22.2 No.60950-01-03,CE (File No. E164582)			
Emission	Conducted Emission		-	Built to meet EN55022-A			

Dimension


81.2
44.2
37
3.5
98 ±0.5
33.5
5.5
2-M3 MOUNTING HOLE (BOTTOM)
135
15max
Fine·Suntronix
CA-FT0021-A
LED
OUTPUT VOLTAGE ADJUSTER
7.5
63
TERMINAL NAME PLATE
82
8.2
9.5
11.5
35.5
12±0.2
+V
-V
FG
AC(L)
AC(N)
COVER (OPTION)
35.5
32.5
18
10
107 ±0.5
18
NAME PLATE
2-M3 MOUNTING HOLE
※NAME PLATE ; CSF75 Series
CSF75-05
INPUT : AC100 - 240V
~ 2.0A 50/60Hz
OUTPUT : DC 5V⎓15A
S060219502
Fine Suntronix
Made In Korea
* Weight : 380g
* Tolerance : ±1
* Dimensions in mm