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With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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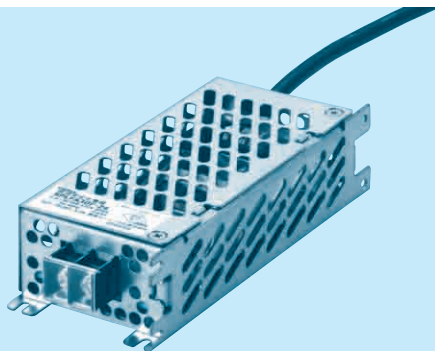
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



SPLFA30F

SPLF A 30 F -□ -□

① ② ③ ④ ⑤ ⑥



- ① Series name
② Single output
③ Output wattage
④ Universal input
⑤ Output voltage
⑥ Optional
C : with Coating

MODEL	SPLFA30F-5	SPLFA30F-12	SPLFA30F-24
MAX OUTPUT WATTAGE[W]	30.0	30.0	31.2
DC OUTPUT	5V 6A	12V 2.5A	24V 1.3A

SPECIFICATIONS

	MODEL	SPLFA30F-5	SPLFA30F-12	SPLFA30F-24	
INPUT	VOLTAGE[V]		AC85 - 264 1 φ (Refer to Instruction Manual 1.1 and 3.1) *3		
	CURRENT[A]	ACIN 100V	0.65typ (Io=100%)		
		ACIN 200V	0.35typ (Io=100%)		
	FREQUENCY[Hz]		50 / 60 (47 - 440)		
	EFFICIENCY[%]	ACIN 100V	75.0typ	81.0typ	
		ACIN 200V	77.0typ	83.0typ	
	INRUSH CURRENT[A]	ACIN 100V	15typ (Io=100%) (At cold start) (Ta=25℃)		
ACIN 200V		30typ (Io=100%) (At cold start) (Ta=25℃)			
LEAKAGE CURRENT[mA]		0.30 / 0.65max (ACIN 100V / 240V 60Hz, Io=100%, According to IEC60950-1 and DEN-AN)			
OUTPUT	VOLTAGE[V]		5	12	24
	CURRENT[A]		6.0	2.5	1.3
	LINE REGULATION[mV] *5		20max	48max	96max
	LOAD REGULATION[mV] *5		100max	100max	150max
	RIPPLE[mVp-p]	0 to +50℃ *1	100max	120max	120max
		-10 - 0℃ *1	140max	160max	160max
	RIPPLE NOISE[mVp-p]	0 to +50℃ *1	250max	250max	250max
		-10 - 0℃ *1	300max	300max	300max
	TEMPERATURE REGULATION[mV]	0 to +50℃	50max	120max	240max
		-10 to +50℃	60max	150max	290max
	DRIFT[mV] *2		20max	48max	96max
	START-UP TIME[ms]		150typ (ACIN 100V, Io=100%)		
	HOLD-UP TIME[ms]		20typ (ACIN 100V, Io=100%)		
OUTPUT VOLTAGE SETTING[V]		4.90 to 5.30	11.50 to 12.50	23.00 to 25.00	
PROTECTION CIRCUIT AND OTHERS	OVERCURRENT PROTECTION		Works over 105% of rating and recovers automatically		
	OVERVOLTAGE PROTECTION[V]		5.75 to 7.00	13.80 to 16.80	27.60 to 33.60
	OPERATING INDICATION		LED (Green)		
	REMOTE SENSING		Not provided		
	REMOTE ON/OFF		Not provided		
ISOLATION	INPUT-OUTPUT		AC3,000V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (At Room Temperature)		
	INPUT-FG		AC2,000V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (At Room Temperature)		
	OUTPUT-FG		AC500V 1minute, Cutoff current = 25mA, DC500V 50MΩ min (At Room Temperature)		
ENVIRONMENT	OPERATING TEMP., HUMID. AND ALTITUDE		-10 to +60℃, 20 - 90%RH (Non condensing) (Refer to DERATING CURVE), 3,000m (10,000feet) max *3		
	STORAGE TEMP., HUMID. AND ALTITUDE		-20 to +75℃, 20 - 90%RH (Non condensing), 9,000m (30,000feet) max		
	VIBRATION		10 - 55Hz, 19.6m/s² (2G), 3minutes period, 60minutes each along X, Y and Z axis		
	IMPACT		196.1m/s² (20G), 11ms, once each X, Y and Z axis		
SAFETY AND NOISE REGULATIONS	AGENCY APPROVALS		DEN-AN		
	CONDUCTED NOISE/POWER		Complies with DEN-AN		
	HARMONIC ATTENUATOR *4		Complies with IEC61000-3-2 class A (Not built-in to active filter)		
OTHERS	CASE SIZE/WEIGHT		61 X 36 X 150mm [2.40 X 1.42 X 5.91 inches] (W X H X D) / 370g max		
	COOLING METHOD		Convection		

*1 Measured by 20MHz oscilloscope or Ripple-Noise meter (Equivalent to KEISOKU-GIKEN: RM103).

*2 Drift is the change in DC output for an eight hour period after a half-hour warm-up at 25°C, with the input voltage held constant at the rated input/output.

*3 Derating is required.

*4 When two or more units are operating it may not comply with the IEC61000-3-2. Please contact us about another class.

*5 Please contact us about dynamic load and input response.

* To meet the specifications. Do not operate over-loaded condition.

* Parallel operation is not possible.

* Derating is required when operated with chassis and cover.

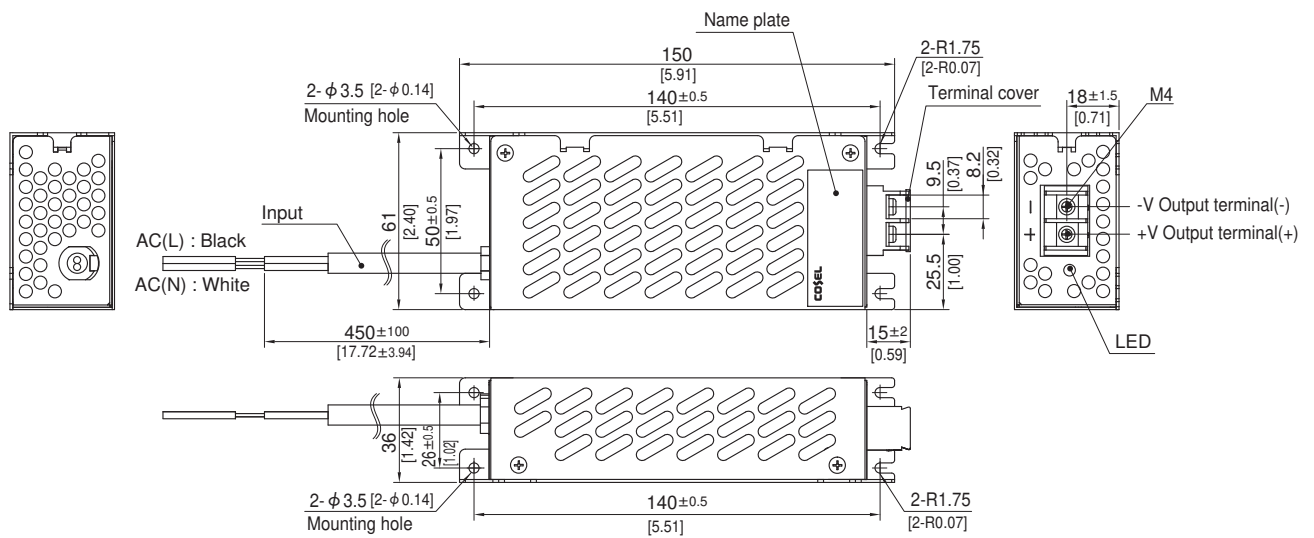
* Sound noise may be generated by power supply in case of pulse load.

Block diagram



SPLFA

External view

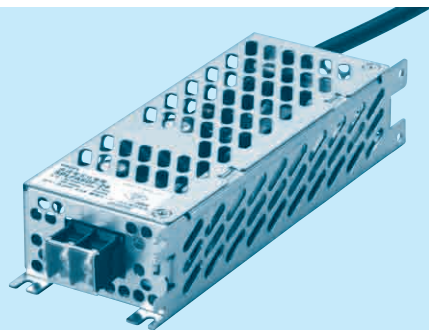


- ※ Tolerance : ± 1 [± 0.04]
- ※ Weight : 370g max
- ※ PCB material/thickness : CEM3 / 1.6mm [0.06]
- ※ Chassis and cover material : Electric galvanizing steel board
- ※ Dimensions in mm, []=inches
- ※ Mounting torque : M4 : 1.6N · m (16.9kgf · cm) max
- ※ Input wire : VCTF 0.75sq X2C

SPLFA50F

SPLF A 50 F -□ -□

① ② ③ ④ ⑤ ⑥



- ① Series name
- ② Single output
- ③ Output wattage
- ④ Universal input
- ⑤ Output voltage
- ⑥ Optional
- C : with Coating

MODEL	SPLFA50F-5	SPLFA50F-12	SPLFA50F-24
MAX OUTPUT WATTAGE[W]	50	51.6	50.4
DC OUTPUT	5V 10A	12V 4.3A	24V 2.1A

SPECIFICATIONS

	MODEL	SPLFA50F-5	SPLFA50F-12	SPLFA50F-24	
INPUT	VOLTAGE[V]		AC85 - 264 1 φ (Refer to Instruction Manual 1.1 and 3.1) *3		
	CURRENT[A]	ACIN 100V	0.67typ (Io=100%)		
		ACIN 200V	0.36typ (Io=100%)		
	FREQUENCY[Hz]		50 / 60 (47 - 63)		
	EFFICIENCY[%]	ACIN 100V	76.5typ	79.0typ	80.5typ
		ACIN 200V	78.0typ	80.5typ	82.0typ
	POWER FACTOR (Io=100%)	ACIN 100V	0.97typ		
		ACIN 200V	0.90typ		
INRUSH CURRENT[A]	ACIN 100V	15typ (Io=100%) (At cold start) (Ta=25℃)			
	ACIN 200V	30typ (Io=100%) (At cold start) (Ta=25℃)			
LEAKAGE CURRENT[mA]		0.40 / 0.75max (ACIN 100V / 240V 60Hz, Io=100%, According to IEC60950-1 and DEN-AN)			
OUTPUT	VOLTAGE[V]		5	12	24
	CURRENT[A]		10.0	4.3	2.1
	LINE REGULATION[mV] *4		20max	48max	96max
	LOAD REGULATION[mV] *4		150max	150max	150max
	RIPPLE[mVp-p]	0 to +50℃ *1	100max	120max	120max
		-10 - 0℃ *1	140max	160max	160max
	RIPPLE NOISE[mVp-p]	0 to +50℃ *1	250max	250max	250max
		-10 - 0℃ *1	300max	300max	300max
	TEMPERATURE REGULATION[mV]	0 to +50℃	50max	120max	240max
		-10 to +50℃	60max	150max	290max
	DRIFT[mV] *2		20max	48max	96max
	START-UP TIME[ms]		350typ (ACIN 100V, Io=100%)		
	HOLD-UP TIME[ms]		20typ (ACIN 100V, Io=100%)		
PROTECTION CIRCUIT AND OTHERS	OUTPUT VOLTAGE SETTING[V]		4.90 to 5.30	11.50 to 12.50	23.00 to 25.00
	OVERCURRENT PROTECTION		Works over 105% of rating and recovers automatically		
	OVERVOLTAGE PROTECTION[V]		5.75 to 7.00	13.80 to 16.80	27.60 to 33.60
	OPERATING INDICATION		LED (Green)		
	REMOTE SENSING		Not provided		
ISOLATION	REMOTE ON/OFF		Not provided		
	INPUT-OUTPUT		AC3,000V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (At Room Temperature)		
	INPUT-FG		AC2,000V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (At Room Temperature)		
	OUTPUT-FG		AC500V 1minute, Cutoff current = 25mA, DC500V 50MΩ min (At Room Temperature)		
ENVIRONMENT	OPERATING TEMP., HUMID. AND ALTITUDE		-10 to +50℃, 20 - 90%RH (Non condensing) (Refer to DERATING CURVE), 3,000m (10,000feet) max *3		
	STORAGE TEMP., HUMID. AND ALTITUDE		-20 to +75℃, 20 - 90%RH (Non condensing), 9,000m (30,000feet) max		
	VIBRATION		10 - 55Hz, 19.6m/s² (2G), 3minutes period, 60minutes each along X, Y and Z axis		
	IMPACT		196.1m/s² (20G), 11ms, once each X, Y and Z axis		
SAFETY AND NOISE REGULATIONS	AGENCY APPROVALS		DEN-AN		
	CONDUCTED NOISE/POWER		Complies with DEN-AN		
	HARMONIC ATTENUATOR *5		Complies with IEC61000-3-2 (class A)		
OTHERS	CASE SIZE/WEIGHT		61 X 36 X 174mm [2.40 X 1.42 X 6.85 inches] (W X H X D) / 440g max		
	COOLING METHOD		Convection		

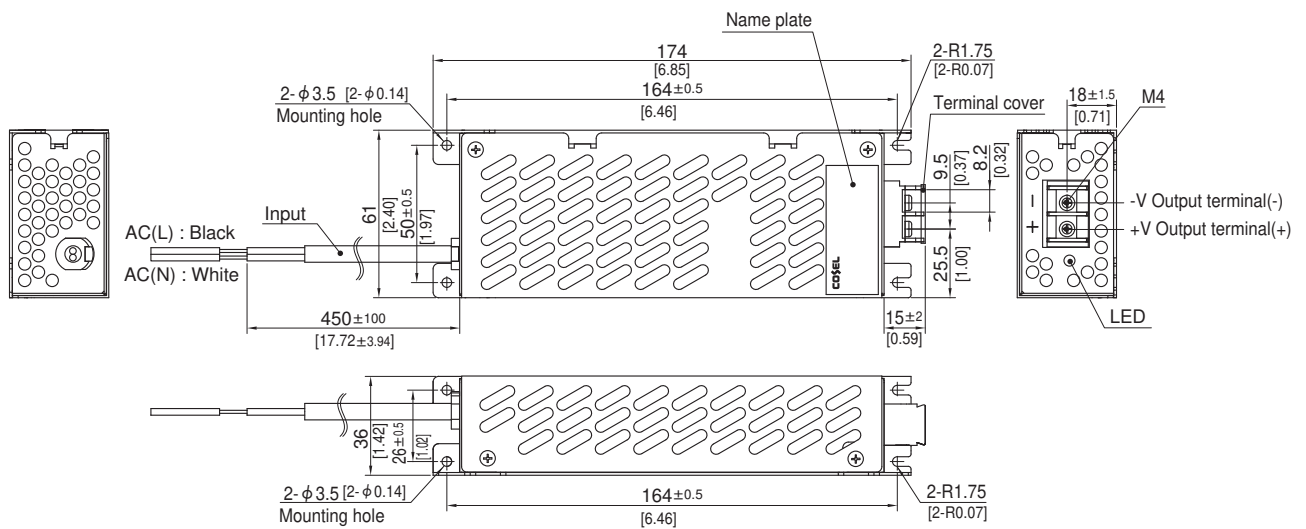
- *1 Measured by 20MHz oscilloscope or Ripple-Noise meter (Equivalent to KEISOKU-GIKEN: RM103).
- *2 Drift is the change in DC output for an eight hour period after a half-hour warm-up at 25°C, with the input voltage held constant at the rated input/output.
- *3 Derating is required.
- *4 Please contact us about dynamic load and input response.
- *5 When two or more units are operating it may not comply with the IEC61000-3-2. Please contact us about another class.
- * To meet the specifications. Do not operate over-loaded condition.
- * Parallel operation is not possible.
- * Derating is required when operated with chassis and cover.
- * Sound noise may be generated by power supply in case of pulse load.

Block diagram



SPLFA

External view

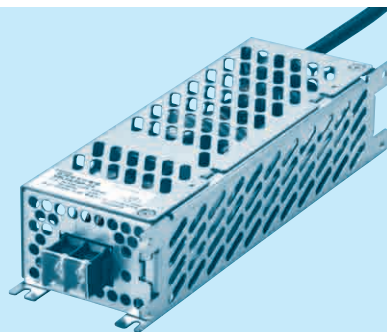


- ※ Tolerance : ± 1 [± 0.04]
- ※ Weight : 440g max
- ※ PCB material/thickness : CEM3 / 1.6mm [0.06]
- ※ Chassis and cover material : Electric galvanizing steel board
- ※ Dimensions in mm, []=inches
- ※ Mounting torque : M4 : 1.6N · m (16.9kgf · cm) max
- ※ Input wire : VCTF 0.75sq X2C

SPLFA75F

SPLF A 75 F -□ -□

① ② ③ ④ ⑤ ⑥



- ① Series name
- ② Single output
- ③ Output wattage
- ④ Universal input
- ⑤ Output voltage
- ⑥ Optional
- C : with Coating

MODEL	SPLFA75F-5	SPLFA75F-12	SPLFA75F-24
MAX OUTPUT WATTAGE[W]	75	75.6	76.8
DC OUTPUT	5V 15A	12V 6.3A	24V 3.2A

SPECIFICATIONS

	MODEL	SPLFA75F-5	SPLFA75F-12	SPLFA75F-24	
INPUT	VOLTAGE[V]		AC85 - 264 1 φ (Refer to Instruction Manual 1.1 and 3.1) *3		
	CURRENT[A]	ACIN 100V	1.00typ (Io=100%)		
		ACIN 200V	0.50typ (Io=100%)		
	FREQUENCY[Hz]		50 / 60 (47 - 63)		
	EFFICIENCY[%]	ACIN 100V	75.0typ	80.0typ	81.5typ
		ACIN 200V	77.0typ	82.0typ	83.5typ
	POWER FACTOR (Io=100%)	ACIN 100V	0.97typ		
		ACIN 200V	0.90typ		
INRUSH CURRENT[A]	ACIN 100V	15typ (Io=100%) (At cold start) (Ta=25℃)			
	ACIN 200V	30typ (Io=100%) (At cold start) (Ta=25℃)			
LEAKAGE CURRENT[mA]		0.40 / 0.75max (ACIN 100V / 240V 60Hz, Io=100%, According to IEC60950-1 and DEN-AN)			
OUTPUT	VOLTAGE[V]		5	12	24
	CURRENT[A]		15.0	6.3	3.2
	LINE REGULATION[mV] *4		20max	48max	96max
	LOAD REGULATION[mV] *4		150max	150max	150max
	RIPPLE[mVp-p]	0 to +50℃ *1	100max	120max	120max
		-10-0℃ *1	140max	160max	160max
	RIPPLE NOISE[mVp-p]	0 to +50℃ *1	250max	250max	250max
		-10-0℃ *1	300max	300max	300max
	TEMPERATURE REGULATION[mV]	0 to +50℃	50max	120max	240max
		-10 to +50℃	60max	150max	290max
	DRIFT[mV] *2		20max	48max	96max
	START-UP TIME[ms]		350typ (ACIN 100V, Io=100%)		
HOLD-UP TIME[ms]		20typ (ACIN 100V, Io=100%)			
OUTPUT VOLTAGE SETTING[V]		4.90 to 5.30	11.50 to 12.50	23.00 to 25.00	
PROTECTION CIRCUIT AND OTHERS	OVERCURRENT PROTECTION		Works over 105% of rating and recovers automatically		
	OVERVOLTAGE PROTECTION[V]		5.75 to 7.00	13.80 to 16.80	27.60 to 33.60
	OPERATING INDICATION		LED (Green)		
	REMOTE SENSING		Not provided		
	REMOTE ON/OFF		Not provided		
ISOLATION	INPUT-OUTPUT		AC3,000V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (At Room Temperature)		
	INPUT-FG		AC2,000V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (At Room Temperature)		
	OUTPUT-FG		AC500V 1minute, Cutoff current = 25mA, DC500V 50MΩ min (At Room Temperature)		
ENVIRONMENT	OPERATING TEMP., HUMID.AND ALTITUDE		-10 to +50℃, 20 - 90%RH (Non condensing) (Refer to DERATING CURVE), 3,000m (10,000feet) max *3		
	STORAGE TEMP., HUMID.AND ALTITUDE		-20 to +75℃, 20 - 90%RH (Non condensing), 9,000m (30,000feet) max		
	VIBRATION		10 - 55Hz, 19.6m/s² (2G), 3minutes period, 60minutes each along X, Y and Z axis		
	IMPACT		196.1m/s² (20G), 11ms, once each X, Y and Z axis		
SAFETY AND NOISE REGULATIONS	AGENCY APPROVALS		DEN-AN		
	CONDUCTED NOISE/POWER		Complies with DEN-AN		
	HARMONIC ATTENUATOR *5		Complies with IEC61000-3-2 (class A)		
OTHERS	CASE SIZE/WEIGHT		61 X 42 X 192mm [2.40 X 1.65 X 7.56 inches] (W X H X D) / 540g max		
	COOLING METHOD		Convection		

*1 Measured by 20MHz oscilloscope or Ripple-Noise meter (Equivalent to KEISOKU-GIKEN: RM103).

*2 Drift is the change in DC output for an eight hour period after a half-hour warm-up at 25°C, with the input voltage held constant at the rated input/output.

*3 Derating is required.

*4 Please contact us about dynamic load and input response.

*5 When two or more units are operating it may not comply with the IEC61000-3-2. Please contact us about another class.

* To meet the specifications. Do not operate over-loaded condition.

* Parallel operation is not possible.

* Derating is required when operated with chassis and cover.

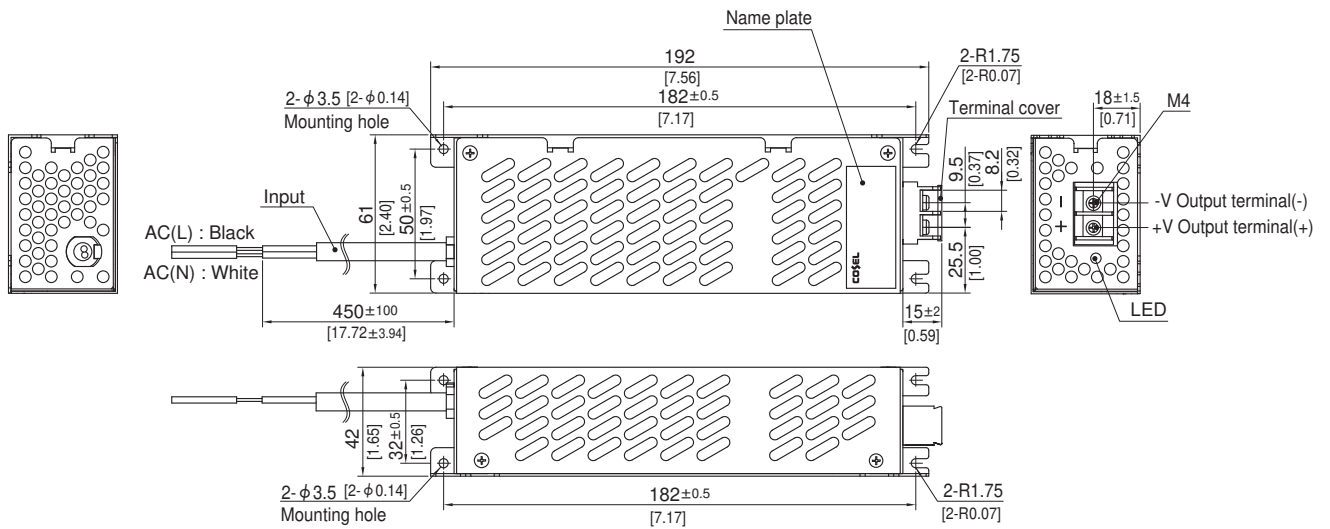
* Sound noise may be generated by power supply in case of pulse load.

Block diagram



SPLFA

External view

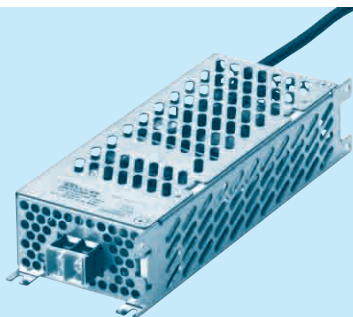


- ※ Tolerance : ± 1 [± 0.04]
- ※ Weight : 540g max
- ※ PCB material/thickness : CEM3 / 1.6mm [0.06]
- ※ Chassis and cover material : Electric galvanizing steel board
- ※ Dimensions in mm, []=inches
- ※ Mounting torque : M4 : 1.6N · m (16.9kgf · cm) max
- ※ Input wire : VCTF 0.75sq X 2C

SPLFA100F

SPLF A 100 F -□ -□

① ② ③ ④ ⑤ ⑥



- ① Series name
 ② Single output
 ③ Output wattage
 ④ Universal input
 ⑤ Output voltage
 ⑥ Optional
 C : with Coating

MODEL	SPLFA100F-12	SPLFA100F-24
MAX OUTPUT WATTAGE[W]	102.0	103.2
DC OUTPUT	12V 8.5A	24V 4.3A

SPECIFICATIONS

	MODEL	SPLFA100F-12	SPLFA100F-24
INPUT	VOLTAGE[V]		AC85 - 264 1 φ (Refer to Instruction Manual 1.1 and 3.1) *3
	CURRENT[A]	ACIN 100V	1.3typ (Io=100%)
		ACIN 200V	0.7typ (Io=100%)
	FREQUENCY[Hz]		50 / 60 (47 - 63)
	EFFICIENCY[%]	ACIN 100V	80.5typ
		ACIN 200V	83.5typ
	POWER FACTOR (Io=100%)	ACIN 100V	0.97typ
		ACIN 200V	0.90typ
INRUSH CURRENT[A]	ACIN 100V	15typ (Io=100%) (At cold start) (Ta=25℃)	
	ACIN 200V	30typ (Io=100%) (At cold start) (Ta=25℃)	
LEAKAGE CURRENT[ma]		0.40 / 0.75max (ACIN 100V / 240V 60Hz, Io=100%, According to IEC60950-1 and DEN-AN)	
OUTPUT	VOLTAGE[V]		12
	CURRENT[A]		8.5
	LINE REGULATION[mV] *4		48max
	LOAD REGULATION[mV] *4		150max
	RIPPLE[mVp-p]	0 to +50℃ *1	120max
		-10 - 0℃ *1	160max
	RIPPLE NOISE[mVp-p]	0 to +50℃ *1	250max
		-10 - 0℃ *1	300max
	TEMPERATURE REGULATION[mV]	0 to +50℃	120max
		-10 to +50℃	150max
	DRIFT[mV] *2		48max
	START-UP TIME[ms]		350typ (ACIN 100V, Io=100%)
	HOLD-UP TIME[ms]		20typ (ACIN 100V, Io=100%)
	OUTPUT VOLTAGE SETTING[V]		11.50 to 12.50
PROTECTION CIRCUIT AND OTHERS	OVERCURRENT PROTECTION		Works over 105% of rating and recovers automatically
	OVERVOLTAGE PROTECTION[V]		13.80 to 16.80
	OPERATING INDICATION		LED (Green)
	REMOTE SENSING		Not provided
	REMOTE ON/OFF		Not provided
ISOLATION	INPUT-OUTPUT		AC3,000V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (At Room Temperature)
	INPUT-FG		AC2,000V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (At Room Temperature)
	OUTPUT-FG		AC500V 1minute, Cutoff current = 25mA, DC500V 50MΩ min (At Room Temperature)
ENVIRONMENT	OPERATING TEMP., HUMID. AND ALTITUDE		-10 to +50℃, 20 - 90%RH (Non condensing) (Refer to DERATING CURVE), 3,000m (10,000feet) max *3
	STORAGE TEMP., HUMID. AND ALTITUDE		-20 to +75℃, 20 - 90%RH (Non condensing), 9,000m (30,000feet) max
	VIBRATION		10 - 55Hz, 19.6m/s² (2G), 3minutes period, 60minutes each along X, Y and Z axis
	IMPACT		196.1m/s² (20G), 11ms, once each X, Y and Z axis
SAFETY AND NOISE REGULATIONS	AGENCY APPROVALS		DEN-AN
	CONDUCTED NOISE/POWER		Complies with DEN-AN
	HARMONIC ATTENUATOR *5		Complies with IEC61000-3-2 (class A)
OTHERS	CASE SIZE/WEIGHT		73×42×197mm [2.87×1.65×7.76 inches] (W×H×D) / 670g max
	COOLING METHOD		Convection

*1 Measured by 20MHz oscilloscope or Ripple-Noise meter (Equivalent to KEISOKU-GIKEN: RM103).

*2 Drift is the change in DC output for an eight hour period after a half-hour warm-up at 25°C, with the input voltage held constant at the rated input/output.

*3 Derating is required.

*4 Please contact us about dynamic load and input response.

*5 When two or more units are operating it may not comply with the IEC61000-3-2. Please contact us about another class.

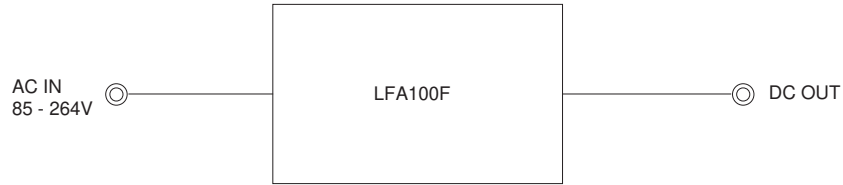
* To meet the specifications. Do not operate over-loaded condition.

* Parallel operation is not possible.

* Derating is required when operated with chassis and cover.

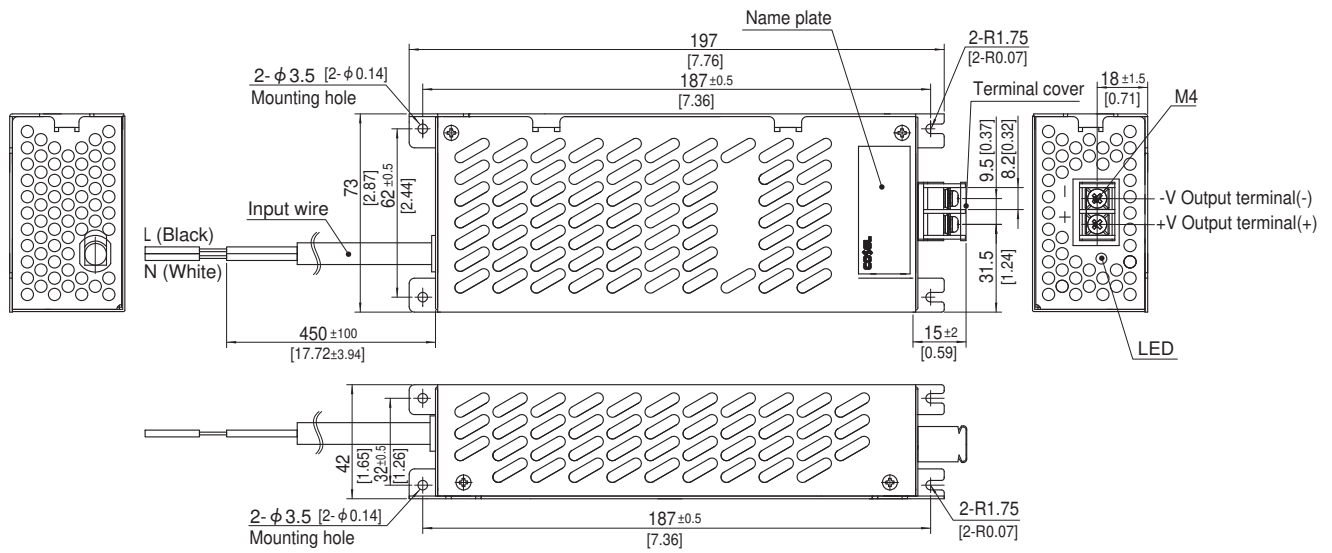
* Sound noise may be generated by power supply in case of pulse load.

Block diagram



SPLFA

External view

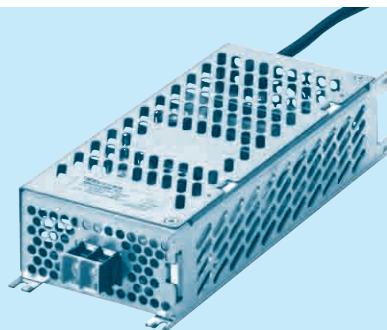


- ※ Tolerance : ±1 [±0.04]
- ※ Weight : 670g max
- ※ Dimensions in mm, []=inches
- ※ Chassis material : Galvanized Steel board
- ※ Screw tightening torque : M4 : 1.6N · m (16.9kgf · cm) max
- ※ Input wire : VCTF 0.75sq X 2C

SPLFA150F

SPLF A 150 F - -

① ② ③ ④ ⑤ ⑥



- ① Series name
- ② Single output
- ③ Output wattage
- ④ Universal input
- ⑤ Output voltage
- ⑥ Optional
- C : with Coating

MODEL	SPLFA150F-12	SPLFA150F-24
MAX OUTPUT WATTAGE[W]	150	151.2
DC OUTPUT	12V 12.5A	24V 6.3A

SPECIFICATIONS

	MODEL	SPLFA150F-12	SPLFA150F-24	
INPUT	VOLTAGE[V]		AC85 - 264 1 φ (Refer to Instruction Manual 1.1 and 3.1) *3	
	CURRENT[A]	ACIN 100V	2.0typ (Io=100%)	
		ACIN 200V	1.0typ (Io=100%)	
	FREQUENCY[Hz]		50 / 60 (47 - 63)	
	EFFICIENCY[%]	ACIN 100V	81.0typ	
		ACIN 200V	84.0typ	
	POWER FACTOR (Io=100%)	ACIN 100V	0.97typ	
		ACIN 200V	0.90typ	
INRUSH CURRENT[A]	ACIN 100V	15typ (Io=100%) (At cold start) (Ta=25℃)		
	ACIN 200V	30typ (Io=100%) (At cold start) (Ta=25℃)		
LEAKAGE CURRENT[mA]		0.40 / 0.75max (ACIN 100V / 240V 60Hz, Io=100%, According to IEC60950-1 and DEN-AN)		
OUTPUT	VOLTAGE[V]		12	24
	CURRENT[A]		12.5	6.3
	LINE REGULATION[mV] *4		48max	96max
	LOAD REGULATION[mV] *4		150max	150max
	RIPPLE[mVp-p]	0 to +50℃ *1	120max	120max
		-10 - 0℃ *1	160max	160max
	RIPPLE NOISE[mVp-p]	0 to +50℃ *1	250max	250max
		-10 - 0℃ *1	300max	300max
	TEMPERATURE REGULATION[mV]	0 to +50℃	120max	240max
		-10 to +50℃	150max	290max
	DRIFT[mV] *2		48max	96max
	START-UP TIME[ms]		350typ (ACIN 100V, Io=100%)	
	HOLD-UP TIME[ms]		20typ (ACIN 100V, Io=100%)	
OUTPUT VOLTAGE SETTING[V]		11.50 to 12.50	23.00 to 25.00	
PROTECTION CIRCUIT AND OTHERS	OVERCURRENT PROTECTION		Works over 105% of rating and recovers automatically	
	OVERVOLTAGE PROTECTION[V]		13.80 to 16.80	27.60 to 33.60
	OPERATING INDICATION		LED (Green)	
	REMOTE SENSING		Not provided	
	REMOTE ON/OFF		Not provided	
ISOLATION	INPUT-OUTPUT		AC3,000V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (At Room Temperature)	
	INPUT-FG		AC2,000V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (At Room Temperature)	
	OUTPUT-FG		AC500V 1minute, Cutoff current = 25mA, DC500V 50MΩ min (At Room Temperature)	
ENVIRONMENT	OPERATING TEMP., HUMID. AND ALTITUDE		-10 to +50℃, 20 - 90%RH (Non condensing) (Refer to DERATING CURVE), 3,000m (10,000feet) max *3	
	STORAGE TEMP., HUMID. AND ALTITUDE		-20 to +75℃, 20 - 90%RH (Non condensing), 9,000m (30,000feet) max	
	VIBRATION		10 - 55Hz, 19.6m/s² (2G), 3minutes period, 60minutes each along X, Y and Z axis	
	IMPACT		196.1m/s² (20G), 11ms, once each X, Y and Z axis	
SAFETY AND NOISE REGULATIONS	AGENCY APPROVALS		DEN-AN	
	CONDUCTED NOISE/POWER		Complies with DEN-AN	
	HARMONIC ATTENUATOR *5		Complies with IEC61000-3-2 (class A)	
OTHERS	CASE SIZE/WEIGHT		86×47×202mm [3.39×1.85×7.95 inches] (W×H×D) / 850g max	
	COOLING METHOD		Convection	

*1 Measured by 20MHz oscilloscope or Ripple-Noise meter (Equivalent to KEISOKU-GIKEN: RM103).

*2 Drift is the change in DC output for an eight hour period after a half-hour warm-up at 25°C, with the input voltage held constant at the rated input/output.

*3 Derating is required.

*4 Please contact us about dynamic load and input response.

*5 When two or more units are operating it may not comply with the IEC61000-3-2. Please contact us about another class.

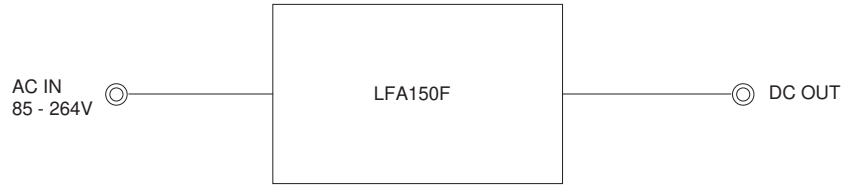
* To meet the specifications. Do not operate over-loaded condition.

* Parallel operation is not possible.

* Derating is required when operated with chassis and cover.

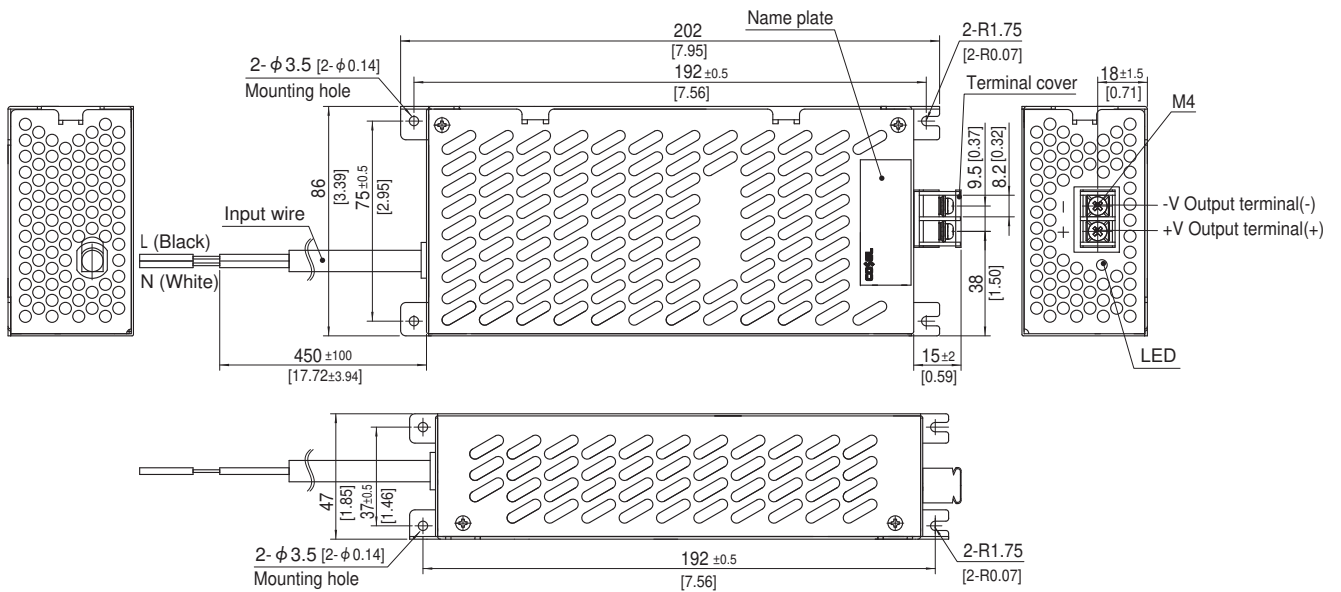
* Sound noise may be generated by power supply in case of pulse load.

Block diagram



SPLFA

External view



- ※ Tolerance : ± 1 [± 0.04]
- ※ Weight : 850g max
- ※ Dimensions in mm, []=inches
- ※ Chassis material : Galvanized Steel board
- ※ Screw tightening torque : M4 : 1.6N · m (16.9kgf · cm) max
- ※ Input wire : VCTF 0.75sq X 2C