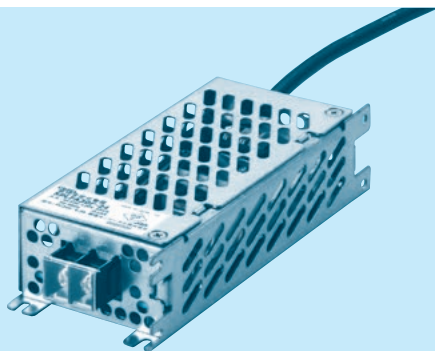


SPLFA30F

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 ACIN 200V 77.0typ	78.0typ 80.0typ	81.0typ 83.0typ
	INRUSH CURRENT[A]	ACIN 100V 15typ (Io=100%) (At cold start) (Ta=25°C) ACIN 200V 30typ (Io=100%) (At cold start) (Ta=25°C)		
	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°C *1 100max -10 - 0°C *1 140max	120max 160max	120max 160max
	RIPPLE NOISE[mVp-p]	0 to +50°C *1 250max -10 - 0°C *1 300max	250max 300max	250max 300max
	TEMPERATURE REGULATION[mV]	0 to +50°C 50max -10 to +50°C 60max	120max 150max	240max 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%)		
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)		
ENVIRONMENT	OUTPUT-FG	AC500V 1minute, Cutoff current = 25mA, DC500V 50MΩ min (At Room Temperature)		
	OPERATING TEMP., HUMID. AND ALTITUDE	-10 to +60°C, 20 - 90%RH (Non condensing) (Refer to DERATING CURVE), 3,000m (10,000feet) max *3		
	STORAGE TEMP., HUMID. AND ALTITUDE	-20 to +75°C, 20 - 90%RH (Non condensing), 9,000m (30,000feet) max		
	VIBRATION	10 - 55Hz, 19.6m/s ² (2G), 3minutes period, 60minutes each along X, Y and Z axis		
SAFETY AND NOISE REGULATIONS	IMPACT	196.1m/s ² (20G), 11ms, once each X, Y and Z axis		
	AGENCY APPROVALS	DEN-AN		
	CONDUCTED NOISE/POWER	Complies with DEN-AN		
OTHERS	HARMONIC ATTENUATOR *4	Complies with IEC61000-3-2 class A (Not built-in to active filter)		
	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.

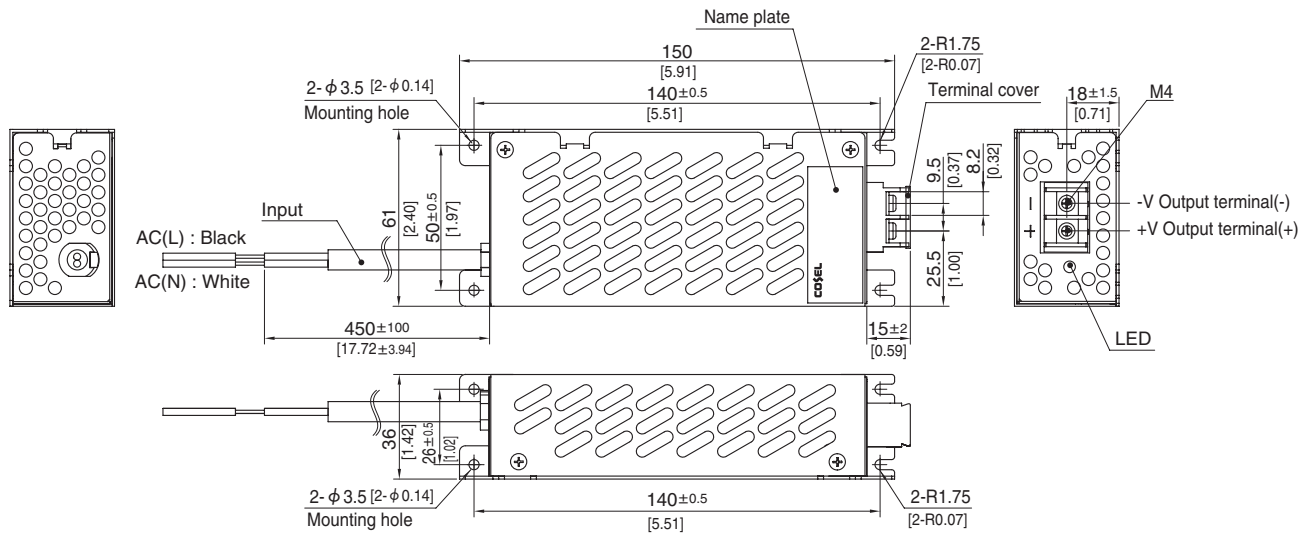
* Derating is required when operated with chassis and cover.

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

Block diagram



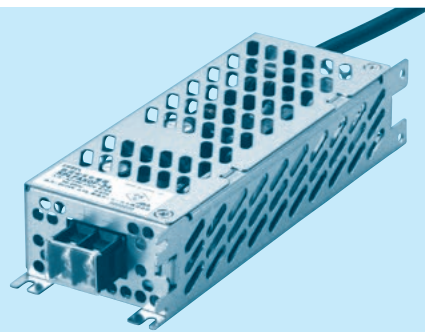
External view



- ※ 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

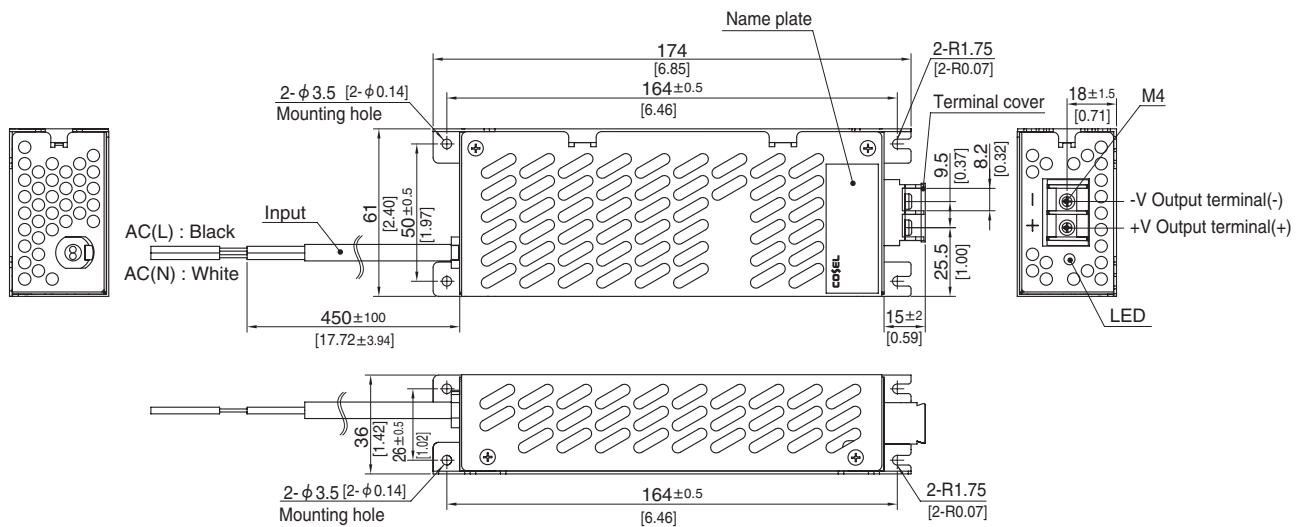
	MODEL	SPLFA50F-5	SPLFA50F-12	SPLFA50F-24	
INPUT	VOLTAGE[V]		AC85 - 264 1 ϕ (Refer to Instruction Manual 1.1 and 3.1) *3		
	CURRENT[A]	ACIN 100V	0.67typ (Io=100%)		
		ACIN 200V	0.36typ (Io=100%)		
	FREQUENCY[Hz]		50 / 60 (47 - 63)		
	EFFICIENCY[%]	ACIN 100V	76.5typ	80.5typ	
		ACIN 200V	78.0typ	82.0typ	
	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%)		
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 50M Ω min (At Room Temperature)		
	INPUT-FG		AC2,000V 1minute, Cutoff current = 10mA, DC500V 50M Ω min (At Room Temperature)		
	OUTPUT-FG		AC500V 1minute, Cutoff current = 25mA, DC500V 50M Ω 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/s ² (2G), 3minutes period, 60minutes each along X, Y and Z axis		
	IMPACT		196.1m/s ² (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



External view

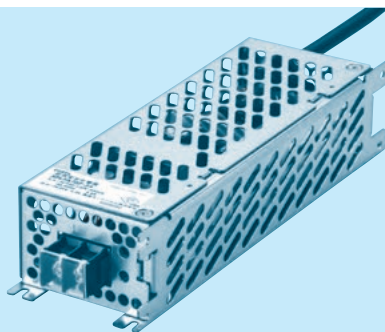


- ※ Tolerance : ± 1 [± 0.04]
- ※ Weight : 440g max
- ※ PCB material/thickness : CEM3 / 1.6mm [0.06]
- ※ Chassis and cover material : Electric galvanizing steel board
- ※ Dimensions in mm, []=inches
- ※ Mounting torque : M4 : 1.6N · m (16.9kgf · cm) max
- ※ Input wire : VCTF 0.75sq X2C

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%)			
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 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.

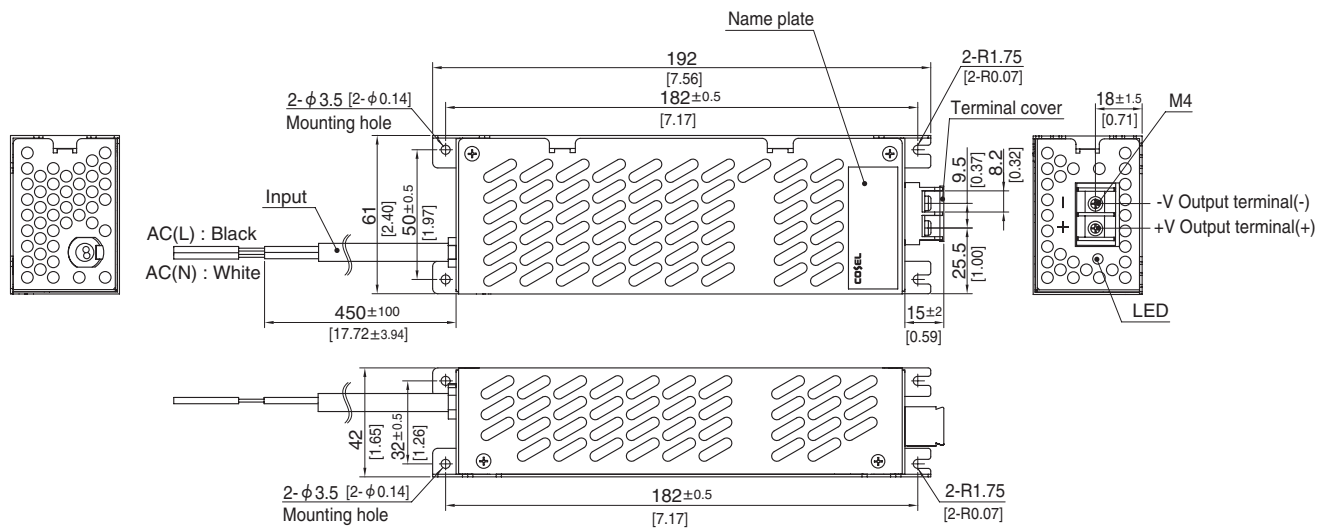
* Derating is required when operated with chassis and cover.

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

Block diagram



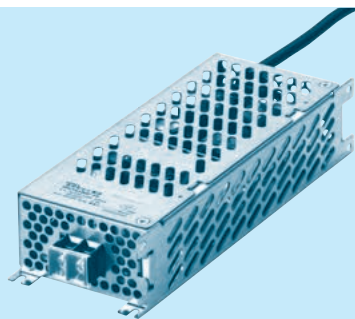
External view



- ※ 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 : $1.6\text{N} \cdot \text{m}$ ($16.9\text{kgf} \cdot \text{cm}$) 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 X 42 X 197mm [2.87 X 1.65 X 7.76 inches] (W X H X 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.

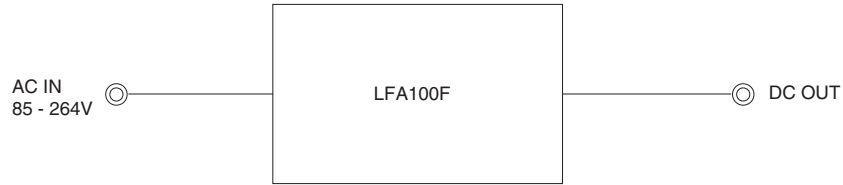
* To meet the specifications. Do not operate over-loaded condition.

* Parallel operation is not possible.

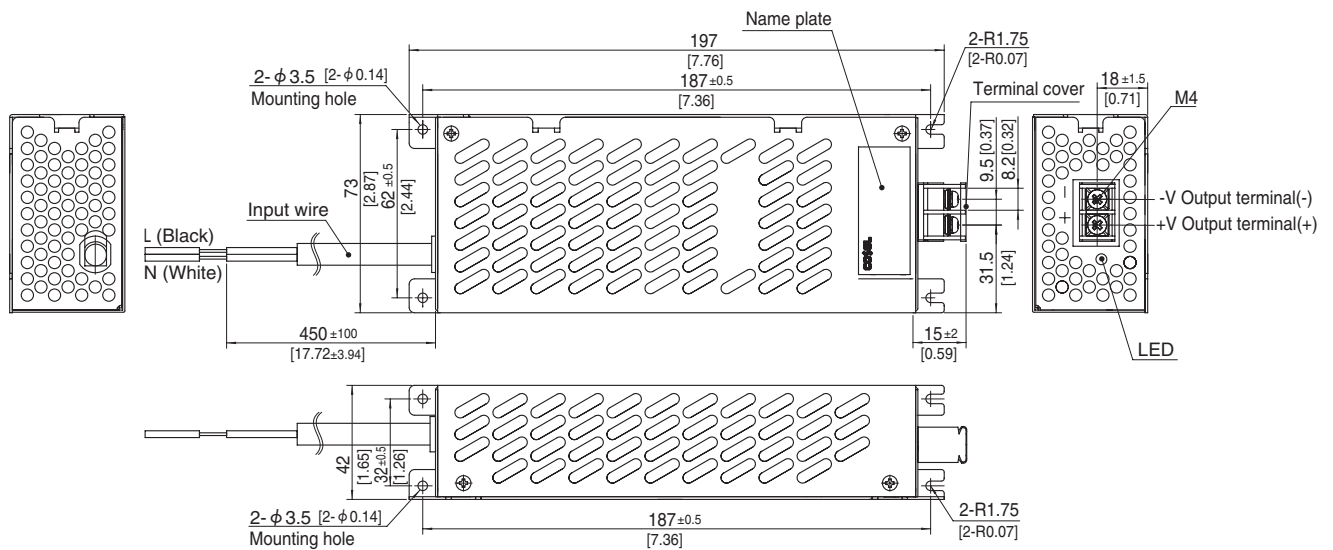
* Derating is required when operated with chassis and cover.

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

Block diagram



External view

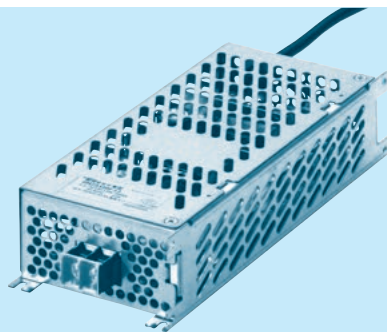


- ※ Tolerance : ± 1 [± 0.04]
- ※ Weight : 670g max
- ※ Dimensions in mm, []=inches
- ※ Chassis material : Galvanized Steel board
- ※ Screw tightening torque : M4 : 1.6N · m (16.9kgf · cm) max
- ※ Input wire : VCTF 0.75sq X 2C

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 X 47 X 202mm [3.39 X 1.85 X 7.95 inches] (W X H X 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.

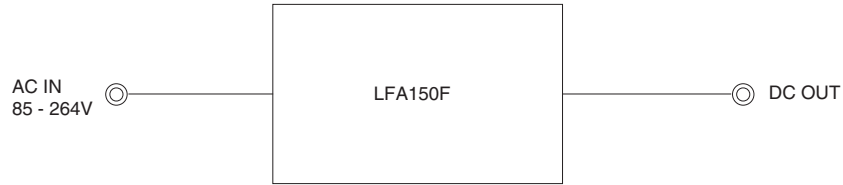
* To meet the specifications. Do not operate over-loaded condition.

* Parallel operation is not possible.

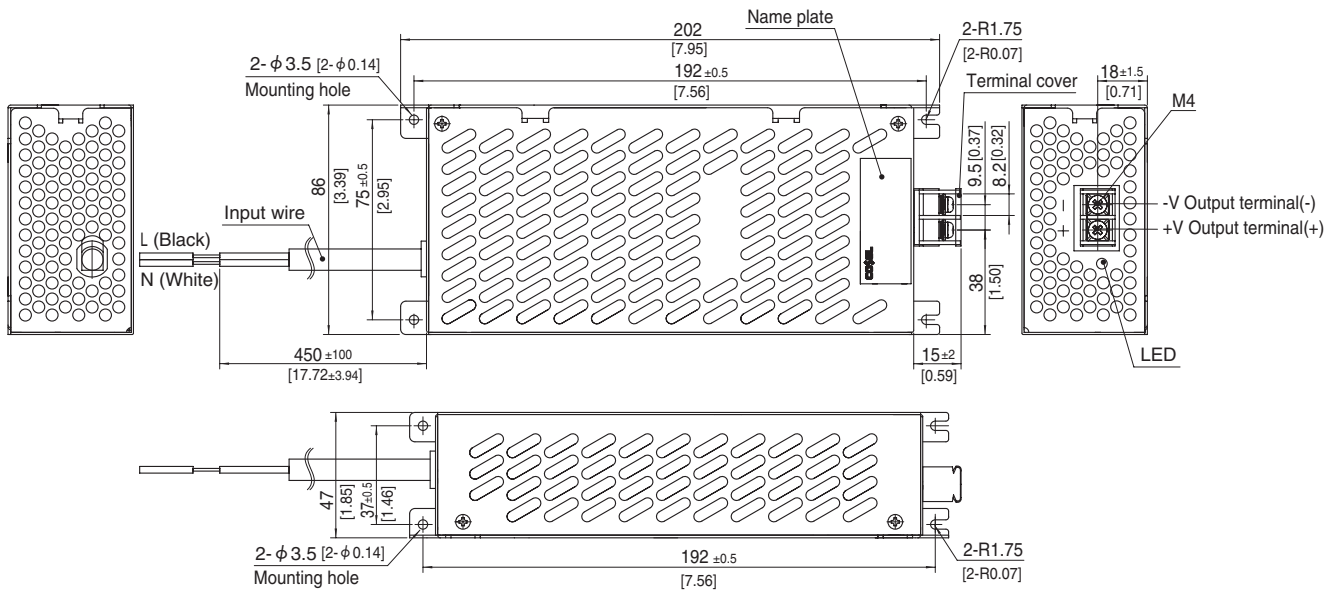
* Derating is required when operated with chassis and cover.

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

Block diagram



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

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