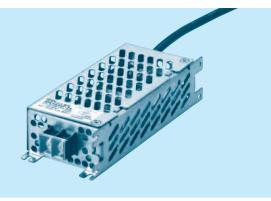
## SPLFA30F

SPLF A 30 F





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

Dr.	J	VA	

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

	MODEL		SPLFA30F-5	SPLFA30F-12	SPLFA30F-24		
	VOLTAGE[V]		AC85 - 264 1 φ (Refer to Instruction	Manual 1.1 and 3.1) *3			
	CURRENT[A] ACIN						
	CORRENT[A]	ACIN 200V	0.35typ (lo=100%)				
	FREQUENCY[Hz]		50 / 60 (47 - 440)				
INPUT	EFFICIENCY[%]	ACIN 100V	75.0typ	78.0typ	81.0typ		
	EFFICIENCT[%]	ACIN 200V	77.0typ	80.0typ	83.0typ		
	INRUSH CURRENT[A]	ACIN 100V	15typ (Io=100%) (At cold start) (Ta=2	5℃)			
	INKOSII COKKLNI[A]	ACIN 200V	30typ (lo=100%) (At cold start) (Ta=25°C)				
	LEAKAGE CURREN	T[mA]	0.30 / 0.65max (ACIN 100V / 240V 6	60Hz, Io=100%, According to IEC60	0950-1 and DEN-AN)		
	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]		100max	120max	120max		
	vu. L r r [iii A b-b]	-10 - 0℃ *1	140max	160max	160max		
OUTPUT	RIPPLE NOISE[mVp-p]	0 to +50°C *1	250max	250max	250max		
JUIPUI	KIELE MOISEIIIAb-bi	-10 - 0°C <b>*</b> 1	300max	300max	300max		
	TEMPERATURE REGULATION[mV]	0 to +50°C	50max	120max	240max		
	TEMI ENATONE NEODEATION[IIIV]	-10 to +50°C	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		
	OVERCURRENT PROT	ECTION	Works over 105% of rating and recov	ers automatically			
PROTECTION	OVERVOLTAGE PROTEC	CTION[V]	5.75 to 7.00	13.80 to 16.80	27.60 to 33.60		
CIRCUIT AND	OPERATING INDICA	TION	LED (Green)				
OTHERS	REMOTE SENSING		Not provided				
	REMOTE ON/OFF		Not provided				
	INPUT-OUTPUT		AC3,000V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (At Room Temperature)				
ISOLATION	INPUT-FG		AC2,000V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (At Room Temperature)				
	OUTPUT-FG		AC500V 1minute, Cutoff current = 25mA, DC500V 50M $\Omega$ 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				
ENVIRONMENT	STORAGE TEMP., HUMID. AND	ALTITUDE	-20 to +75°C, 20 - 90%RH (Non condensing), 9,000m (30,000feet) max				
LINVIKONIVILINI	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	X, Y and Z axis			
SAFETY AND	AGENCY APPROVAL	_S	DEN-AN				
NOISE	CONDUCTED NOISE/	POWER	Complies with DEN-AN				
REGULATIONS	HARMONIC ATTENU	IATOR *4	Complies with IEC61000-3-2 class A	(Not built-in to active filter)			
OTHERS	CASE SIZE/WEIGHT		61×36×150mm [2.40×1.42×5.91	inches] (WXHXD) / 370g max			
OTHERS	COOLING METHOD		Convection				

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

  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.
- Derating is required.
- When two or more units are operating it may not comply with the IEC61000-3-2. Please contact us about another class. Please contact us about dynamic load and input response.

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

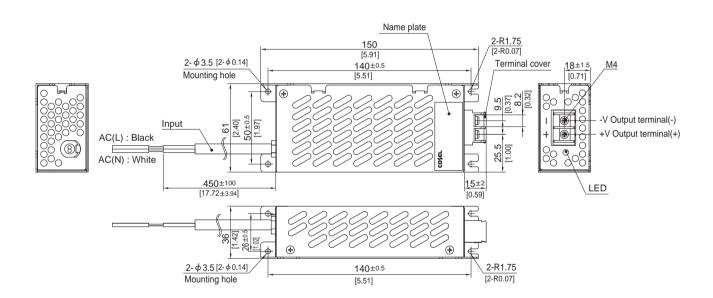
- Parallel operation is not possible.
- Derating is required when operated with chassis and cover.

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





SPLFA



- X 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 X 2C

#### Ordering information

## SPLFA50F

50





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

SPLFA

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

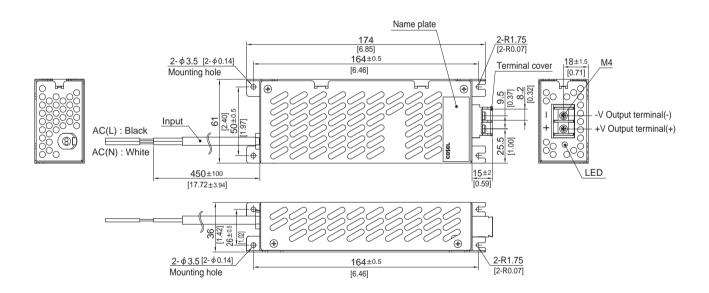
	MODEL		SPLFA50F-5	SPLFA50F-12	SPLFA50F-24			
	VOLTAGE[V]		AC85 - 264 1 ¢ (Refer to Instruction	Manual 1.1 and 3.1) *3	•			
ļ	OUDDENITAL	ACIN 100V	0.67typ (lo=100%)					
ļ	CURRENT[A] ACIN 200V							
	FREQUENCY[Hz]		50 / 60 (47 - 63)					
ŀ	EFFICIENCY[0/1	ACIN 100V	76.5typ	79.0typ	80.5typ			
INPUT	EFFICIENCY[%]	ACIN 200V	78.0typ	80.5typ	82.0typ			
ļ	DOWED FACTOR (In 4000())	ACIN 100V	0.97typ	•	·			
ŀ	POWER FACTOR (Io=100%) ACIN 20		0.90typ					
ŀ	INRUSH CURRENT[A]	ACIN 100V	5typ (Io=100%) (At cold start) (Ta=25°C)					
ŀ	INKUSH CUKKENI[A]	ACIN 200V	30typ (Io=100%) (At cold start) (Ta=2	5℃)				
ļ	LEAKAGE CURREN	T[mA]	0.40 / 0.75max (ACIN 100V / 240V 6	0.40 / 0.75max (ACIN 100V / 240V 60Hz, lo=100%, According to IEC60950-1 and DEN-AN)				
	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			
			100max	120max	120max			
ŀ	RIPPLE[mVp-p]	-10 - 0℃ *1	140max	160max	160max			
OUTPUT	RIPPLE NOISE[mVp-p]	0 to +50°C *1	250max	250max	250max			
OUIPUI	KIPPLE NOISE[IIIVP-P]	-10 - 0℃ *1	300max	300max	300max			
ŀ	TEMPERATURE REGULATION[mV]	0 to +50°C	50max	120max	240max			
ŀ		-10 to +50°C	60max	150max	290max			
ŀ	DRIFT[mV]	*2	20max	48max	96max			
ļ	START-UP TIME[ms]		350typ (ACIN 100V, Io=100%)					
ŀ	HOLD-UP TIME[ms]		20typ (ACIN 100V, Io=100%)					
	OUTPUT VOLTAGE SET	TING[V]	4.90 to 5.30	11.50 to 12.50	23.00 to 25.00			
	OVERCURRENT PROT	ECTION	Works over 105% of rating and recov	ers automatically				
PROTECTION	OVERVOLTAGE PROTEC	CTION[V]	5.75 to 7.00	13.80 to 16.80	27.60 to 33.60			
CIRCUIT AND	OPERATING INDICA	TION	LED (Green)					
OTHERS	REMOTE SENSING		Not provided					
	REMOTE ON/OFF		Not provided					
	INPUT-OUTPUT		AC3,000V 1minute, Cutoff current =	10mA, DC500V 50M $\Omega$ min (At Roo	om Temperature)			
ISOLATION	INPUT-FG		AC2,000V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (At Room Temperature)					
	OUTPUT-FG		AC500V 1minute, Cutoff current = 25mA, DC500V 50M $\Omega$ min (At Room Temperature)					
ŀ	OPERATING TEMP., HUMID. AND	ALTITUDE	-10 to +50°C, 20 - 90%RH (Non condensing) (Refer to DERATING CURVE), 3,000m (10,000feet) max *3					
ENVIRONMENT	STORAGE TEMP., HUMID. AND	ALTITUDE	-20 to +75°C, 20 - 90%RH (Non condensing), 9,000m (30,000feet) max					
LIA A ILI O IAINI EN I	VIBRATION		10 - 55Hz, 19.6m/s² (2G), 3minutes p		and Z axis			
	IMPACT		196.1m/s² (20G), 11ms, once each X, Y and Z axis					
SAFETY AND	AGENCY APPROVAL	LS	DEN-AN					
NOISE	CONDUCTED NOISE/		Complies with DEN-AN					
REGULATIONS	HARMONIC ATTENU	JATOR *5	Complies with IEC61000-3-2 (class A	A)				
OTHERS	CASE SIZE/WEIGHT		61×36×174mm [2.40×1.42×6.85	inches] (WXHXD) / 440g max				
CITERS	COOLING METHOD		Convection					

- Measured by 20MHz oscilloscope or Ripple-Noise meter (Equivalent to KEISOKU-GIKEN: RM103).
- 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.
- Derating is required.
  Please contact us about dynamic load and input response.
- 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.





SPLFA



- ※ 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 X 2C

## SPLFA75F

SPLF A 75 F -





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

#### SPLFA

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

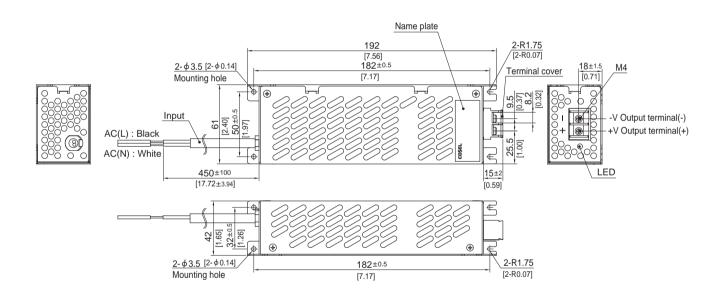
	MODEL		SPLFA75F-5	SPLFA75F-12	SPLFA75F-24		
	VOLTAGE[V]		AC85 - 264 1 φ (Refer to Instruction I	Manual 1.1 and 3.1) *3			
	CUDDENTIAL	ACIN 100V	1.00typ (Io=100%)	1.00typ (lo=100%)			
	CURRENT[A] ACIN 200		0.50typ (lo=100%)				
	FREQUENCY[Hz]		50 / 60 (47 - 63)				
	EEEIGIENGVI9/1	ACIN 100V	75.0typ	80.0typ	81.5typ		
INPUT	EFFICIENCY[%]	ACIN 200V	77.0typ	82.0typ	83.5typ		
	DOWED FACTOR (In 4000()	ACIN 100V	0.97typ				
	POWER FACTOR (Io=100%)	ACIN 200V	0.90typ				
	INRUSH CURRENT[A]	ACIN 100V	typ (Io=100%) (At cold start) (Ta=25°C)				
	INKUSH CUKKENI[A]	ACIN 200V	30typ (Io=100%) (At cold start) (Ta=25°C)				
	LEAKAGE CURREN	T[mA]	0.40 / 0.75max (ACIN 100V / 240V 60Hz, lo=100%, According to IEC60950-1 and DEN-AN)				
	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]		100max	120max	120max		
	KIPPLE[mvp-p]	-10 - 0℃ *1	140max	160max	160max		
OUTPUT	RIPPLE NOISE[mVp-p]	0 to +50°C *1	250max	250max	250max		
OUIFUI	KIPPLE NOISE[mvp-p]	-10 - 0℃ *1	300max	300max	300max		
	TEMPERATURE REGULATION[mV]	0 to +50°C	50max	120max	240max		
		-10 to +50°C	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, lo=100%)				
	OUTPUT VOLTAGE SET	TING[V]	4.90 to 5.30	11.50 to 12.50	23.00 to 25.00		
	OVERCURRENT PROT	ECTION	Works over 105% of rating and recov	ers automatically			
PROTECTION	OVERVOLTAGE PROTEC	CTION[V]	5.75 to 7.00	13.80 to 16.80	27.60 to 33.60		
	OPERATING INDICA	TION	LED (Green)				
OTHERS	REMOTE SENSING		Not provided				
	REMOTE ON/OFF		Not provided				
	INPUT-OUTPUT			10mA, DC500V 50M $\Omega$ min (At Room T	<u>'</u>		
ISOLATION	INPUT-FG		AC2,000V 1minute, Cutoff current = 10mA, DC500V 50M $\Omega$ min (At Room Temperature)				
	OUTPUT-FG		AC500V 1minute, Cutoff current = 25mA, DC500V 50M $\Omega$ min (At Room Temperature)				
	OPERATING TEMP.,HUMID.AND	ALTITUDE	-10 to +50°C, 20 - 90%RH (Non condensing) (Refer to DERATING CURVE), 3,000m (10,000feet) max *3				
ENVIRONMENT	STORAGE TEMP., HUMID. AND	ALTITUDE	-20 to +75°C, 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	AGENCY APPROVAL		DEN-AN				
NOISE	CONDUCTED NOISE/		Complies with DEN-AN				
REGULATIONS	TIP CONTROL PROPERTY		Complies with IEC61000-3-2 (class A				
OTHERS	CASE SIZE/WEIGHT		61×42×192mm [2.40×1.65×7.56 i	nches] (WXHXD) / 540g max			
	COOLING METHOD		Convection				
sted Management		Disala Na	in a resident (Entringle et to KEICOKI I CIKEN). DM				

- Measured by 20MHz oscilloscope or Ripple-Noise meter (Equivalent to KEISOKU-GIKEN: RM103).
- 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.
- Derating is required.
  Please contact us about dynamic load and input response.
- 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.





SPLFA

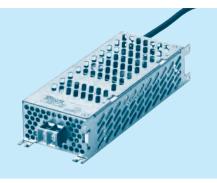


- \*\* Tolerance : ±1 [±0.04]
- ※ Weight: 540g max
- ※ PCB material/thickness : CEM3 / 1.6mm [0.06]
- \*\* Chassis and cover material : Electric galvanizing steel board
- % Dimensions in mm, [ ]=inches
- ※ Input wire: VCTF 0.75sq X2C

# SPLFA100F

SPLF A 100 F 5





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

SPLFA

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

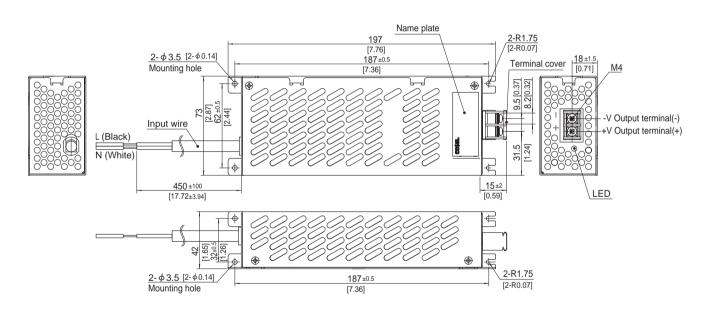
	MODEL		SPLFA100F-12	SPLFA100F-24	
	VOLTAGE[V]		AC85 - 264 1 ¢ (Refer to Instruction Manual 1.1 and 3.1)	*3	
	OUDDENITAL	ACIN 100V	1.3typ (Io=100%)		
	CURRENT[A]	ACIN 200V			
	FREQUENCY[Hz]		50 / 60 (47 - 63)		
	ACIN 100V		80.5typ	83.0typ	
INPUT	EFFICIENCY[%]	ACIN 200V	83.5typ	86.0typ	
	DOMED FACTOR (L. 4000()	ACIN 100V	0.97typ		
	POWER FACTOR (Io=100%)	ACIN 200V	0.90typ		
	INDUCUI CUDDENTIAL	ACIN 100V	styp (Io=100%) (At cold start) (Ta=25℃)		
	INRUSH CURRENT[A]	ACIN 200V	Otyp (Io=100%) (At cold start) (Ta=25°C)		
	LEAKAGE CURREN	T[mA]	0.40 / 0.75max (ACIN 100V / 240V 60Hz, lo=100%, Acc	ording to IEC60950-1 and DEN-AN)	
	VOLTAGE[V]		12	24	
	CURRENT[A]		8.5	4.3	
	LINE REGULATION[	mV] *4	48max	96max	
	LOAD REGULATION	[mV] *4	150max	150max	
		0 to +50°C *1	120max	120max	
	RIPPLE[mVp-p]	-10 - 0°C *1	160max	160max	
CUTPUT	DIDDLE MOICEIVa1	0 to +50°C *1	250max	250max	
OUTPUT	RIPPLE NOISE[mVp-p]	-10 - 0℃ *1	300max	300max	
	TEMPERATURE REGULATION[mV]	0 to +50°C	120max	240max	
		-10 to +50°C	150max	290max	
	DRIFT[mV]	*2	48max	96max	
	START-UP TIME[ms]		350typ (ACIN 100V, Io=100%)		
	HOLD-UP TIME[ms]		20typ (ACIN 100V, lo=100%)		
	OUTPUT VOLTAGE SET	TING[V]	11.50 to 12.50	23.00 to 25.00	
	OVERCURRENT PROT	ECTION	Works over 105% of rating and recovers automatically		
PROTECTION	OVERVOLTAGE PROTEC	CTION[V]	13.80 to 16.80	27.60 to 33.60	
<b>CIRCUIT AND</b>	OPERATING INDICA	TION	LED (Green)		
OTHERS	REMOTE SENSING		Not provided		
	REMOTE ON/OFF		Not provided		
	INPUT-OUTPUT		AC3,000V 1minute, Cutoff current = 10mA, DC500V 50N	$1\Omega$ min (At Room Temperature)	
ISOLATION	INPUT-FG		AC2,000V 1minute, Cutoff current = 10mA, DC500V 50M $\Omega$ min (At Room Temperature)		
	OUTPUT-FG		AC500V 1minute, Cutoff current = 25mA, DC500V 50M $\Omega$ min (At Room Temperature)		
	OPERATING TEMP., HUMID. AND	ALTITUDE	-10 to +50°C, 20 - 90%RH (Non condensing) (Refer to DERATING CURVE), 3,000m (10,000feet) max *3		
ENVIRONMENT	STORAGE TEMP., HUMID. AND	ALTITUDE	-20 to +75°C, 20 - 90%RH (Non condensing), 9,000m (30,000feet) max		
TIA A IL/OIAINIEIA I	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	AGENCY APPROVAL	LS	DEN-AN		
NOISE	CONDUCTED NOISE	POWER	Complies with DEN-AN		
REGULATIONS	HARMONIC ATTENU	JATOR *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		
sted Manager	- d b.: 20MH  ill	Disala Na	in and the KEICOKI CIKEN DM 00)		

- Measured by 20MHz oscilloscope or Ripple-Noise meter (Equivalent to KEISOKU-GIKEN: RM103).
- 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.
- Derating is required.
  Please contact us about dynamic load and input response.
- 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.





SPLFA



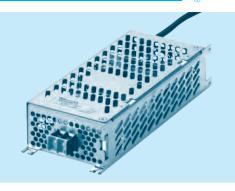
- % Tolerance :  $\pm 1$  [ $\pm 0.04$ ]
- ※ Weight: 670g max
- ※ Dimensions in mm, [ ]=inches
- \* Chassis material : Galvanized Steel board
- % Screw tightening torque : M4 : 1.6N  $\cdot$  m (16.9kgf  $\cdot$  cm) max
- ※ Input wire: VCTF 0.75sq X 2C

#### Ordering information

# SPLFA150F

SPLF A 150 F 5





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

SPLFA

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

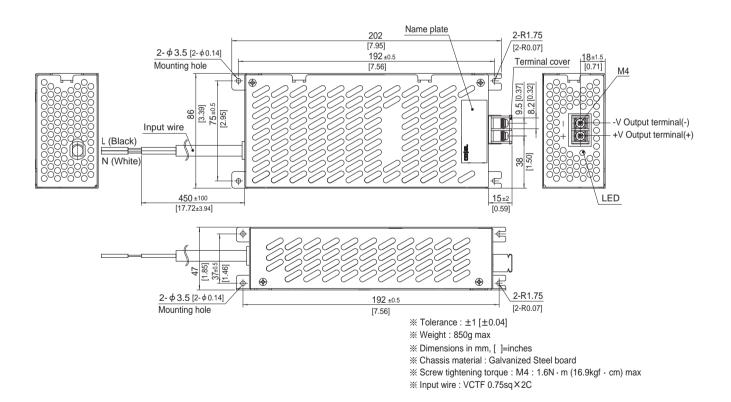
	MODEL		SPLFA150F-12	SPLFA150F-24	
	VOLTAGE[V]		AC85 - 264 1 φ (Refer to Instruction Manual 1.1 and 3.1)	*3	
	OUDDENITAL	ACIN 100V	2.0typ (lo=100%)		
	CURRENT[A]	ACIN 200V	/ 1.0typ (lo=100%)		
	FREQUENCY[Hz]		50 / 60 (47 - 63)		
	EFFICIENCY[0/1	ACIN 100V	81.0typ	84.0typ	
INPUT	EFFICIENCY[%]	ACIN 200V	84.0typ	86.5typ	
	DOWED FACTOR (In 4000()	ACIN 100V	0.97typ		
	POWER FACTOR (Io=100%)	ACIN 200V	0.90typ		
	INRUSH CURRENT[A]	ACIN 100V	15typ (lo=100%) (At cold start) (Ta=25℃)		
	INKUSH CUKKENI[A]	ACIN 200V	30typ (lo=100%) (At cold start) (Ta=25℃)		
	LEAKAGE CURREN	T[mA]	0.40 / 0.75max (ACIN 100V / 240V 60Hz, lo=100%, Acc	0.40 / 0.75max (ACIN 100V / 240V 60Hz, lo=100%, According to IEC60950-1 and DEN-AN)	
	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]		120max	120max	
	KIFFLE[IIIVP-P]	-10 - 0°C *1	160max	160max	
OUTPUT	RIPPLE NOISE[mVp-p]	0 to +50°C *1	250max	250max	
DUIFUI	KIPPLE NOISE[IIIVP-P]	-10 - 0℃ *1	300max	300max	
	TEMPERATURE REGULATION[mV]	0 to +50°C	120max	240max	
		-10 to +50°C	150max	290max	
	DRIFT[mV]	*2	48max	96max	
	START-UP TIME[ms]		350typ (ACIN 100V, Io=100%)		
	HOLD-UP TIME[ms]		20typ (ACIN 100V, lo=100%)		
	OUTPUT VOLTAGE SET	TING[V]	11.50 to 12.50	23.00 to 25.00	
	OVERCURRENT PROT	ECTION	Works over 105% of rating and recovers automatically		
PROTECTION	OVERVOLTAGE PROTEC	CTION[V]	13.80 to 16.80	27.60 to 33.60	
CIRCUIT AND	OPERATING INDICA	TION	LED (Green)		
OTHERS	REMOTE SENSING		Not provided		
	REMOTE ON/OFF		Not provided		
	INPUT-OUTPUT		AC3,000V 1minute, Cutoff current = 10mA, DC500V 50N		
ISOLATION	INPUT-FG		AC2,000V 1minute, Cutoff current = 10mA, DC500V 50M $\Omega$ min (At Room Temperature)		
	OUTPUT-FG		AC500V 1minute, Cutoff current = 25mA, DC500V 50M $\Omega$ min (At Room Temperature)		
	OPERATING TEMP., HUMID. AND	ALTITUDE			
ENVIRONMENT	STORAGE TEMP., HUMID. AND	ALTITUDE	-20 to +75°C, 20 - 90%RH (Non condensing), 9,000m (30		
LIVIICONINLIVI	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	AGENCY APPROVAL	LS	DEN-AN		
NOISE	CONDUCTED NOISE/	POWER	Complies with DEN-AN		
REGULATIONS	HARMONIC ATTENU	JATOR *5	Complies with IEC61000-3-2 (class A)		
	CASE SIZE/WEIGHT		86×47×202mm [3.39×1.85×7.95 inches] (W×H×D)	/ 850g max	
OTHERS					

- Measured by 20MHz oscilloscope or Ripple-Noise meter (Equivalent to KEISOKU-GIKEN: RM103).
- 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.
- Derating is required.
  Please contact us about dynamic load and input response.
- 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.





SPLFA



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### Cosel:

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