

Constant Current LED Power Supply

SLT30-600/700ILE-E

SLT40-800/900/1050ILE-E



Product description:

Commercial constant current series provides a good balance of quality and price .It was designed for LED down light, spot light, panel light, etc.Various output current optional for COB light source.Optimized component selection ensure the life-time up to 50'000 hours.



Standards:

EN61347-1
EN61347-2-13
EN61547
EN55015
EN61000-3-2
EN61000-3-3
EN62384
EN62493

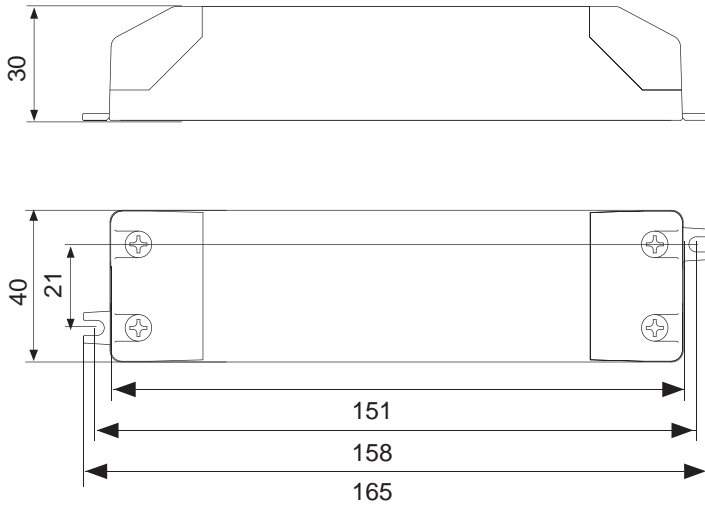
Characteristics:

- Compact dimensions
- Independent fixed output LED control gear
- Open circuit ,short circuit ,over load and over temperature protection
- Auto restart after fault conditions removal
- Output current form 600-1050mA(5 type options)
- SELV output(<60V)
- Efficiency up to 89%
- Nonimal life time up to 50'000 hours

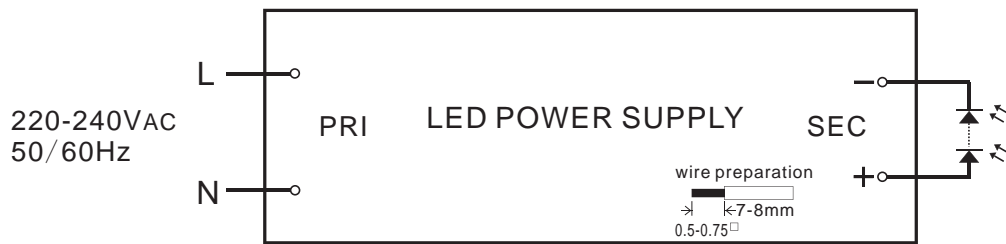
Specifications:

Model	SLT30-600ILE-E	SLT30-700ILE-E	SLT40-800ILE-E	SLT40-900ILE-E	SLT40-1050ILE-E	
Output	turn on time(S)	≤0.5	≤0.5	≤0.5	≤0.5	≤0.5
	output current(mA)	600	700	800	900	1050
	output current tolerance ^①	+/-8%	+/-8%	+/-8%	+/-8%	+/-8%
	ripple current(mA)	390(lp-p)	490(lp-p)	480(lp-p)	540(lp-p)	630(lp-p)
	working voltage range(V)	27-45	27-43V	27-45	27-44	27-42
	Max. output voltage(V)	50	50	50	50	50
	dimming interface	No				
	dimming range	n/a				
Input	rated supply voltage(Vac)	220-240	220-240	220-240	220-240	220-240
	voltage range(Vac)	198-264	198-264	198-264	198-264	198-264
	line frequency(Hz)	50/60	50/60	50/60	50/60	50/60
	input current(mA)	160	170	220	240	240
	efficiency ^②	87.6%	89.0%	88.0%	88.5%	88.0%
	power factor ^②	0.95	0.95	0.95	0.95	0.95
	inrush current(lp-k)	8A/34us	8A/34us	8A/34us	8A/34us	8A/34us
Protection	over voltage protection	YES	YES	YES	YES	YES
	short circuit protection	YES	YES	YES	YES	YES
	over temperature protection	YES	YES	YES	YES	YES
	automatic restart	YES	YES	YES	YES	YES
	over load protection	YES	YES	YES	YES	YES
	surge capacity	L-N: 1kV	L-N: 1kV	L-N: 1kV	L-N: 1kV	L-N: 1kV
Ambient and Life	Ta(°C)	-20...+50	-20...+50	-20...+50	-20...+50	-20...+50
	Tc max. (°C)	75	75	85	85	85
	Storage Temperature(°C)	-30...80				
	ambient humidity range	5%...85%RH, Not condensing				
	nominal life-time(hrs)	50'000@Tc=75 C	50'000@Tc=75 C	50'000@Tc=85 C	50'000@Tc=85 C	50'000@Tc=85 C
Other	weight(g)	115	115	170	170	170
	dimensions (LxWxH)(mm)	165x40x30				
	casing material	Plastic				
	housing colour	Grey+Blue				
	type of protection	IP20				
	protection class	CLASSII				
Note	<p>1.Tolerance : includes set up tolerance, line regulation and load regulation. 2.Tested at full load,230Vac.Refer to"Power Factor" and "EFFICIENT"curve graphs. 3.All parameters NOT specially mentioned are measured at nominal voltage input, rated load and 25 of ambient temperature. 4.The power supply is considered as a component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again.</p>					

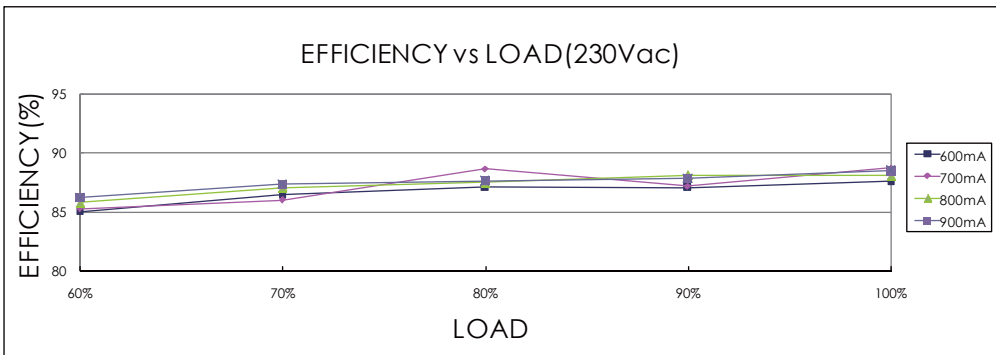
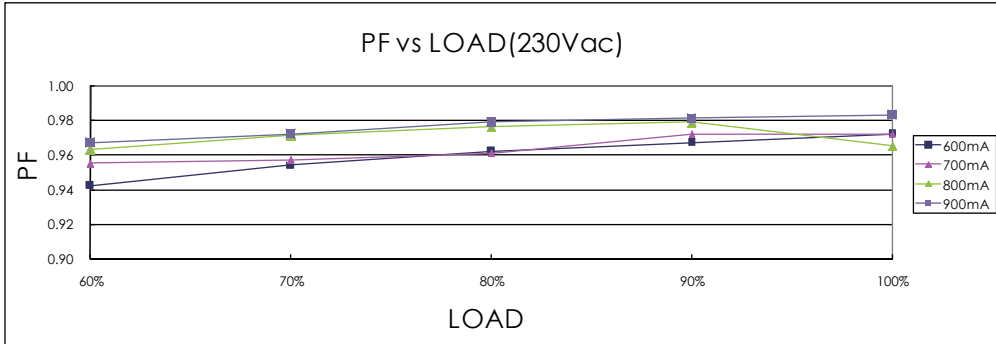
Dimensions(mm):



Wiring diagram:



Electrical curves:



note
For constant current power supply,"LOAD" means the percentage of the maximum rated output voltage.
For constant voltage power supply,"LOAD" means the percentage of the maximum rated output current.

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*Due to continuous improvements and innovations,specifications are subjected to change without notice.