



Constant Current LED Power Supply

SLT3-350ISC/SLT4-500ISC/SLT3-700ISC



Product description:

This type of power supply is an exclusively designed stabilized power supply for LED lamp. With constant current (CC) technology, it is suitable for constant current lamps (350/500/700mA) connected in a series. The built-in protection circuit will shut down the power supply in case of such faults as: open circuit, short circuit, over load or over temperature the power supply will restart automatically after fault correction.



Standards:

EN61347-1	UL8750
EN61347-2-13	UL1310
EN61547	FCC15B
EN55015	
EN61000-3-2	
EN61000-3-3	
EN62384	
EN62493	

Characteristics:

- Universal input voltage
- Built in power supply for constant current LED lamp
- SELV/ UL8750 Class 2 output
- Open circuit, short circuit, over load and over temperature protection
- Auto restart after fault conditions removal
- New ErP 2019/2020 requirements
- New harmonic requirements

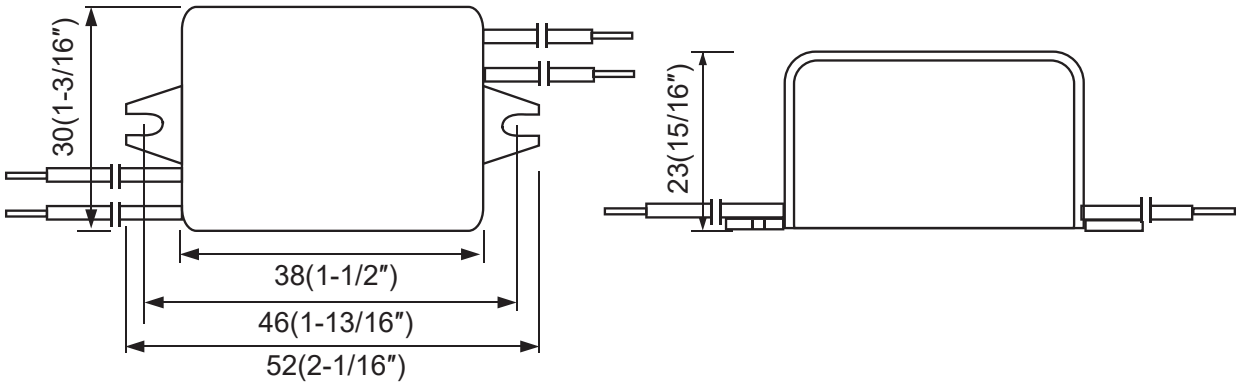


Specifications:

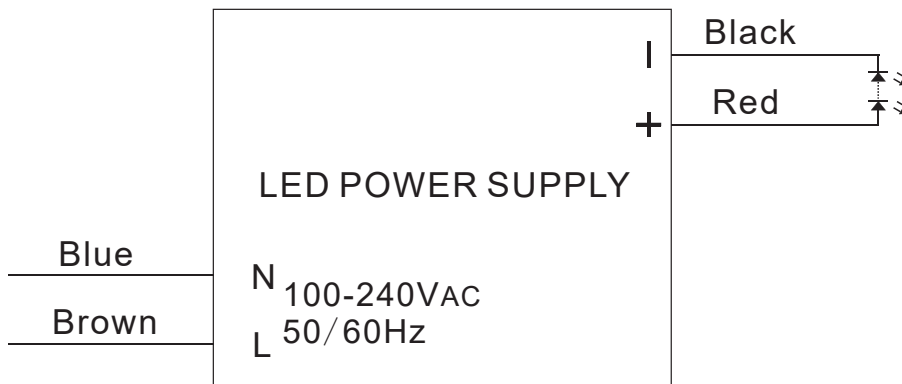
Model	SLT3-350ISC	SLT4-500ISC	SLT3-700ISC	
Output	turn on time(S)	≤0.5	≤0.5	≤0.5
	output current(mA)	350	500	700
	output current tolerance ¹	+/-10%	+/-10%	+/-10%
	ripple current(mA)	55(lp-p)	70(lp-p)	100(lp-p)
	working voltage range(V)	2-9	2-6	2-3.5
	Max. output voltage(V)	17	13	8
	dimming interface	No		
	dimming range	n/a		
Input	rated supply voltage(Vac)	100-240	100-240	100-240
	voltage range(Vac)	90-264	90-264	90-264
	line frequency(Hz)	50/60	50/60	50/60
	input current(mA) ²	90	90	90
	efficiency ³	66.00%	63.00%	49.00%
	power factor ³	0.60C	0.60C	0.60C
	inrush current(lpk)	30A/60us	30A/60us	20A/80us
Protection	over voltage protection	YES	YES	YES
	short circuit protection	YES	YES	YES
	over temperature protection	YES	YES	YES
	automatic restart	YES	YES	YES
	over load protection	YES	YES	YES
	surge capacity	L-N: 500V	L-N: 500V	L-N: 500V
Ambient and Life	Ta(°C)	-20...50		
	Tc max. (°C)	85		
	Storage Temperature(°C)	-30...80		
	ambient humidity range	5%...85%, Not condensing		
	nominal life-time(hrs)	35'000@Tc=80 C		
Other	weight(g)	42		
	dimensions (LxWxH)(mm)	52x30x23		
	casing material	Plastic		
	housing colour	White		
	type of protection	IP66 only enclosure		
	protection class	CLASS II(Euro Standard)+Class2 output(NA Standard)		
Note	<p>1.Tolerance : includes set up tolerance, line regulation and load regulation. 2.Tested at 100Vac input. 3.Tested at full load.Refer to"Power Factor" and "EFFICIENT"curve graphs. 4.All parameters NOT specially mentioned are measured at nominal voltage input, rated load and 25 of ambient temperature. 5.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/inches):



Wiring diagram:





MCBS information:

Miniature circuit breaker Model	B10	B13	B16	B20	C10	C13	C16	C20
SLT3-350ISC	48	64	80	100	83	100	136	166
SLT3-700ISC	48	64	80	100	83	100	136	166
SLT4-500ISC	56	75	94	118	98	118	160	196

Order information:

Model	Carton	quantity(pcs)	Carton dimension(mm)	G.W./CTN(kg)
SLT3-350ISC		200	430x245x200	12.8
SLT3-700ISC		200	430x245x200	12.8
SLT4-500ISC		200	430x245x200	12.8

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