

Constant Current LED Driver



Approval Marks



Certified

EN 61347-1:2015
 EN 61347-2-13:2014
 EN 61347-2-13:2014/A1:2017
 EN 62384:2006
 EN 62384:2006/A1:2009

Electronic

Parameter	Conditions	Min	Nom	Max	Unit
Rated Input Voltage		90	100-277	304	Vac
Input Frequency		47	50-60	63	Hz
Input Current	LSC9W300P UNI Full Load @100/230 VAC	—	—	120/60	mA
	LSC9W350P UNI Full Load @100/230 VAC	—	—	120/60	mA
	LSC9W500P UNI Full Load @100/230 VAC	—	—	120/60	mA
	LSC9W700P UNI Full Load @100/230 VAC	—	—	120/60	mA
Output Voltage Range	LSC9W300P UNI	14	—	27.5	Vdc
	LSC9W350P UNI	9	—	24	Vdc
	LSC9W500P UNI	6.5	—	18	Vdc
	LSC9W700P UNI	6	—	12	Vdc
Output Current Range	LSC9W300P UNI	279	300	323	mA
	LSC9W350P UNI	328	350	370	mA
	LSC9W500P UNI	475	500	525	mA
	LSC9W700P UNI	665	700	735	mA
Rated Output Power	LSC9W300P UNI	4.2	—	8.25	W
	LSC9W350P UNI	3.2	—	8.4	W
	LSC9W500P UNI	3.25	—	9	W
	LSC9W700P UNI	4.2	—	8.4	W
THD		—	20	—	%
Efficiency	Full Load	—	80	—	%
Standby Power	@100/230VAC	—	0.5	—	W
Start-up Delay	@230 VAC	—	500	—	ms
Ripple Current	peak to peak @ full load	—	60	—	%
Output Current Overshoot	Full Load	—	—	35	%
Power Factor	Full Load @100VAC / 230 VAC	—	0.9C	—	—
Surge	IEC6100-4-5, Full Load @230V	L/N ,1KV ; L/N-PE , 1KV			
Protection		Short Circuit Protection			
		Overload Protection			
		Overheat Protection			
RoHS Standard		Compliant			
Case Temp. (Tc)	LSC9W300/350P UNI	—	—	75	°C
	LSC9W500P UNI	—	—	80	°C
	LSC9W700P UNI	—	—	75	°C
External Operating Temperature		-20	—	+50	°C
Operating Humidity Range		10	—	90	%
Storage Temp. Range		-25	—	+85	°C
Lifetime	at Max Case hot spot Temperature	—	—	50,000	hrs
Case Dimensions	L x W x H	60	40	24	mm

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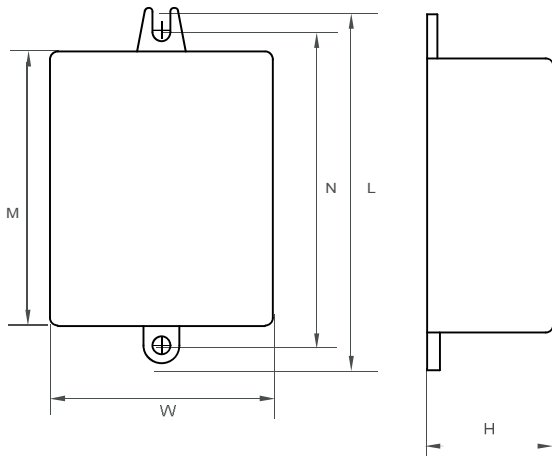
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Physical Parameter



L : 60 mm W: 40 mm
 M : 42 mm H : 24 mm
 N : 48.6 mm

Tolerance : $\geq 0 \sim 100 \geq \pm 0.5 \text{ mm}$
 $100 \geq \pm 1 \text{ mm}$

Hard Wires : PRI Blue / Brown AWG#18
 SEC Red / Black AWG#22

Housing Material : Polycarbonate / Full Potting
 Soldering : Lead-Free, Comply With RoHS
 Label : Surface Print

Wiring Diagram

