

Model: TS10P Series

Features

- Dimmer output current range from 10% to 100%.
- Compatible with most standard incandescent AC Triac dimmers.
- Fully isolated plastic case.
- Operation from -20°C ~50°C full load.
- No flicker with adjust luminance.
- Protections: SCP /OTP.
- IP65 Class.

Approvals

CE FC IP65



Size

108 * 30.5 * 26 mm (L*W*H)



Specifications

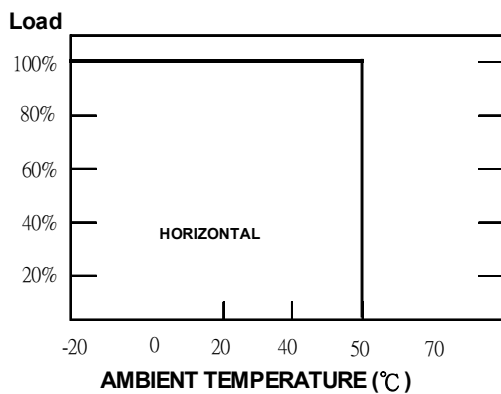
TS10P-xx* xx: mean that Output Voltage

*: L mean that 90 ~ 130V AC / H mean that 180 ~ 264V AC

Model No.		TS10P-30L	TS10P-21L	TS10P-15L	TS10P-30H	TS10P-21H	TS10P-15H
Output	Constant Current Region Note.1	15 ~ 30.5V	10 ~ 21V	7 ~ 15V	15 ~ 30.5V	10 ~ 21V	7 ~ 15V
	Rated Current	350mA	500mA	700mA	350mA	500mA	700mA
	Current Tolerance	+10%, 10%	+7%, -7%	+7%, -7%	+10%, 10%	+7%, -7%	+7%, -7%
	Rated Power	10.5W	10.5W	10.5W	10.5W	10.5W	10.5W
	Efficiency Note.2	78%	76%	75%	78%	76%	75.0%
Input	Voltage Range	90 ~ 130V AC			180 ~ 264V AC		
	Frequency Range	47 Hz ~ 63 Hz					
	AC Current (Max.)	0.30A			0.15A		
	Power Factor	>0.9 @ 110V AC without dimmer			>0.8 @ 220V AC without dimmer		
	Inrush Current (Max.)	25A					
Protections	Short Circuit	Yes, no damage.					
	Over Temperature	Detect key component : 95°C ± 10°C					
		Type: foldback current limit					
Environment	Operation Temp.	-20°C ~50°C (Refer to output load derating curve)					
	Operation Humidity	20% ~ 90% RH non-condensing.					
	Storage Temp.	-40 ~ +80°C					
	Storage Humidity	10% ~ 90% RH					
	Vibration	10~500 Hz, 2G 10 min./1 cycle, period for 60 min. each along X, Y, Z axes.					

Safety& EMC	Safety Standards	Compliance EN61347-1,EN61347-2-13 ,independent;IP65 Approved.
	Withstand Voltage	I/P-O/P: 3.75KVAC
	Isolation Resistance	I/P-O/P:100M ohms / 500VDC at 25°C
	EMI Conduction & Radiation	Compliance to EN55015,FCC part 15
	Harmonic Current	Compliance to EN61000-3-2 Class C
	EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,11;EN61547
Others	MTBF	200K hours min. MIL-HDBK-217F(25°C)
	Dimension (L*W*H)	108*30.5*26mm
	Packing(L*W*H) /Carton	405*275*205mm
	Weight	100pcs / 14kg
Note	1. Constant current operation region is within 50%~100% rated output voltage. This is the suitable operation region for LED related applications, but please confirm special electrical requirements for some specific system design.	
	2. Efficiency : TS10P-30L/21L/15L at 120V AC and TS10P-30H/21H/15H at 240V AC, all specifications not specially mentioned are measured at 25°C ambient temperature.	

Derating Curve



Mechanical Specification

