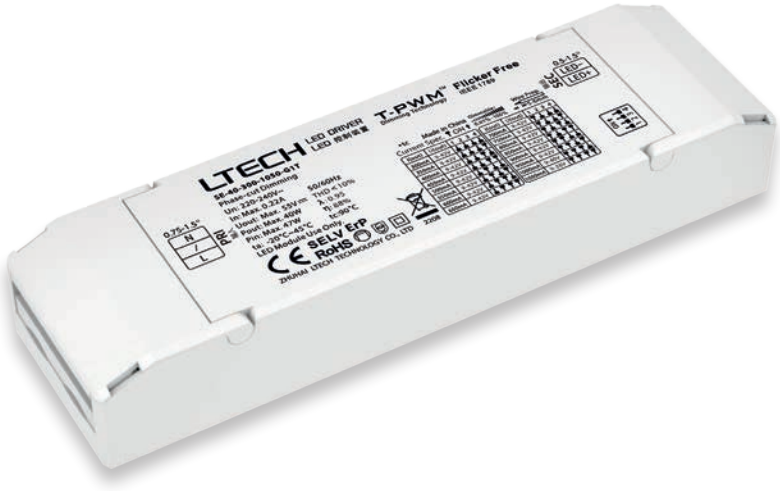
LED driver in corrente costante - Constant current LED drivers

SE-40-300-1050-G1T

T-PWM™
Dimming technology

Flicker-free
IEEE 1789

Dimmable:
0.01-100%



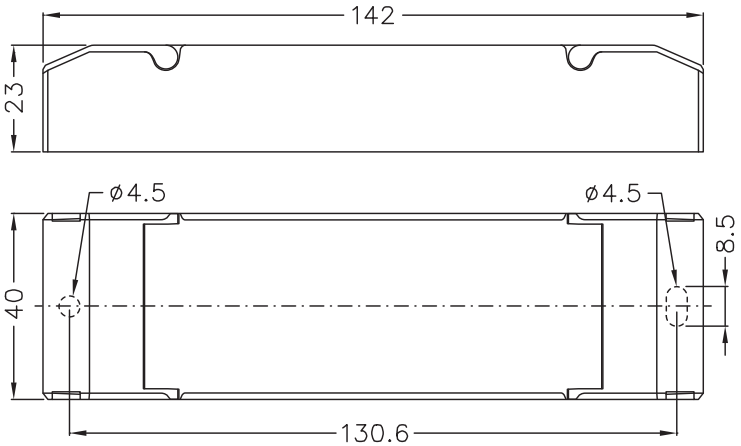
Dati tecnici / *Technical data*

Input voltage Vac	Output power range W	Output voltage Vdc	Output current mA	Dimension mm (LxWxH)
220-240 (50/60)Hz	2.7~40	9-42	300-1050	142x40x23

Disegno tecnico / *Technical drawing*

Cavo di ingresso
Input wire
0.75~1.5mm²
5~6 mm

Cavo di uscita
Output wire
0.5~1.5mm²
5~6 mm



Selezione corrente di uscita tramite DIP switch
Output current selection via DIP switch

SE-40-300-1050-G1T	DIP Switch								
	Output Current	300mA	350mA	400mA	450mA	500mA	550mA	600mA	650mA
	Output Voltage	9-42V	9-42V	9-42V	9-42V	9-42V	9-42V	9-42V	9-42V
	Output Power	2.7-12.6W	3.15-14.7W	3.6-16.8W	4.05-18.9W	4.5-21W	4.95-23.1W	5.4-25.2W	5.85-27.3W
	DIP Switch								
	Output Current	700mA	750mA	800mA	850mA	900mA	950mA	1000mA	1050mA
	Output Voltage	9-42V	9-42V	9-42V	9-42V	9-42V	9-42V	9-40V	9-38V
	Output Power	6.3-29.4W	6.75-31.5W	7.2-33.6W	7.65-35.7W	8.1-37.8W	8.55-39.9W	9-40W	9.45-39.9W

ON / OFF

Scegliere il valore di corrente quando il driver è spento
Please choose the current value when the driver is power off

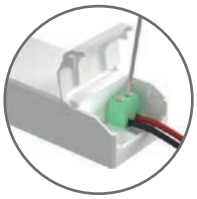
LED driver in corrente costante - Constant current LED drivers

Features	Output Type	Constant Current		
	Dimming Interface	Triac/ELV		
	Output Feature	Isolation		
	Protection Grade	IP20		
	Insulation Grade	Class II (Suitable for class I/ II /III light fixtures)		
Output	Output Voltage	9-42Vdc		
	Maximum output voltage	≤55V		
	Output Current Range	300-1050mA		
	Output Power Range	2.7W-40W		
	Dimming Range	0~100%, down to 0.01%		
	LF Current Ripple(<120Hz)	<3%		
	Current Accuracy	±5%		
	Ripple & Noise	≤5V		
	PWM Frequency	3600Hz		
Input	DC Voltage Range	200-280Vdc		
	Input Voltage	220-240Vac		
	Frequency	50/60Hz		
	Input Current	≤0.22A/230Vac		
	Power Factor	PF>0.95/230Vac, at full load		
	THD	THD<10%/230Vac, at full load		
	Efficiency (Typ.)	>88%@950mA		
	Inrush Current	Cold start 16A(Test twidth=90us tested under 50% Ipeak)/230Vac		
	Anti Surge	L-N: 2kV		
	Leakage Current	<0.5mA/230Vac		
Environment	Working Temperature	ta: -20 ~ 45°C tc: 90°C		
	Working Humidity	20 ~ 95%RH, non-condensing		
	Storage Temperature/Humidity	-40 ~ 80°C/10~95%RH		
	Temperature Coefficient	±0.03%/°C (-20~45°C)		
	Vibration	10~500Hz, 2G 12min/1cycle, 72 min for X, Y and Z axes respectively		
Protection	Overload Protection	Shut down the output and recover automatically once it exceeds 1.02-1.35 times of the rated power		
	Overheat Protection	Intelligently adjust or turn off the current output if the PCB temperature ≥110°C. When the PCB temperature <90°C, automatically recover normal output		
	Short Circuit Protection	When short circuit occurs, shut down the output and recover automatically		
Safety & EMC	Withstand Voltage	I/P-O/P: 3750Vac		
	Insulation Resistance	I/P-O/P: 100MΩ/500VDC/25°C/70%RH		
	Safety Standards	CCC	China	GB19510.1, GB19510.14
		TUV	Germany	EN61347-1, EN61347-2-13, EN62493
		CE	European Union	EN61347-1, EN61347-2-13, EN62384
		KC	Korea	KC61347-1, KC61347-2-13
		RCM	Australia	AS61347-1, AS61347-2-13
		ENEC	Europe	EN61347-1, EN61347-2-13, EN62384
		CB	CB Member States	IEC61347-1, IEC61347-2-13
		EAC	Russia	IEC61347-1, IEC61347-2-13
		BIS	India	IS 15885(PART 2/SEC 13)
	EMC Emission	CCC	China	GB/T17743, GB17625.1
		CE	European Union	EN55015, EN61000-3-2, EN61000-3-3, En61547
		KC	Korea	KN15, KN61547
		RCM	Australia	EN55015, EN61000-3-2, EN61000-3-3, EN61547
		EAC	Russia	IEC 62493, IEC 61547, EH 55015, IEC 61000-3-2, IEC 61000-3-3
	EMC Immunity	EN6100-4-2,3,4,5,6,8,11, EN61547		
Erp	Power Consumption	Standby power consumption		No standby mode
		Networked standby		No networked standby mode (No Phase-cut signal, no power consumption)
		No-load power consumption		Without no-load mode
	Flicker/Stroboscopic Effect	IEEE 1789		Meet IEEE 1789 standard/High frequency exemption level
		CIE SVM		Pst LM≤1.0, SVM≤0.4
	DF	Phase factor		DF≥0.9
Others	Weight(N.W.)	163g±10g		
	Dimensions	142×40×23mm (L×W×H)		

Schema di applicazione custodia protettiva
Protective Housing Application Diagram

Utilizzare uno strumento per sollevare la custodia protettiva sul pannello laterale
Use a tool to pry up the protective housing on the side panel

Sollevare la custodia di protezione nella posizione della piastra laterale con un utensile
Pry up the protective housing in the side plate position with a tool



Collegare i cavi elettrici con un cacciavite come mostra lo schema elettrico
Connect to electrical wires with a screwdriver as wiring diagram shows

Premere la piastra di tensione per fissare i fili elettrici
Press down the tension plate to fix the the electrical wires

Chiudere la custodia protettiva
Close the protective housing