



Approval



	Item	Value	Remark
Input	DC voltage input	48V	
	Nominal frequency	0 HZ	
	DC voltage range	47-50V	
	Nominal current	650mA	Full load @48Vdc input voltage
	Efficiency	92%	Full load @48Vdc input voltage
	Stand-by power	<0.5W	
Output	Nominal voltage range	6-40Vdc	
	Maximum voltage	48Vdc	No load protection
	Nominal current range		
		350mA	
		500mA	
		600mA	
		700mA	
	Current accuracy	± 5%	Full load @48Vdc input voltage
	Current ripple	± 5%	
	Starting time	< 0.5 S	Full load @48Vdc input voltage
	Nominal power range		
	I _{out} =350mA	2.1-14W	
I _{out} =500mA	3.0-20W		
I _{out} =600mA	3.6-24W		
I _{out} =700mA	4.2-28W		
Maximum power	30W		
Dimming	Dimming control	DALI	
	Dimming technique	Amplitude	
	Dimming range	5-100%	
	Lowest dimming current	3-7%	
	Galvanic isolation	Basic insulated to Dali	
Environment	Ambient temperature (ta)	-20°C - +40°C	
	Storage temperature range	-40°C - +85°C	
	Relative humidity	10 - 95%	
	Environmental rating	Indoor	
	Mains switching cycles	> 100,000	
	Expected lifetime	> 50,000 h, ta +40 °C > 30,000 h, ta +50 °C	

	Item	Value	Remark
Packing	Gross weight/box	5.0 kg	
	Net weight/box	2.7 kg	
	Pcs/box	264 PCS	
	Dimension/box	385(L)*310(W)*260(H)mm	

Protections

Short-circuit Protection	Auto recovery
Open-circuit Protection	Auto recovery
Overload Protection	Auto recovery

Conformity & Standards

Safety standard:	EN 61347-1, EN 61347-2-13, EN 62493
Performance:	EN 62384
EMC standard:	EN 55015, EN 61547
DALI protocol standard:	EN 62386-101, EN 62386-102, EN 62386-207

Cable information

INPUT-Connection

Cable cross-section	0.14-0.34□/AWG 26-22
Stripping	4mm

OUTPUT-Connection

Cable cross-section	0.14-0.34□AWG 26-22
Stripping	4mm

DALI-Connection

Cable cross-section	0.14-0.34□/AWG 26-22
Stripping	4mm

Subject to change without notice, HEP guarantees all products perform functionally well

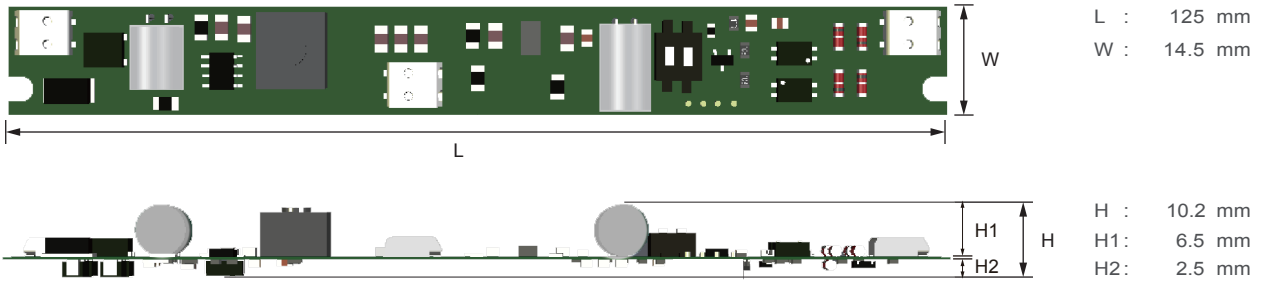
* If not mentioned, all the test conditions are based on full load at 48Vdc input (for 48Vdc input).

Dip Switch - One driver offers 4 choosable output current

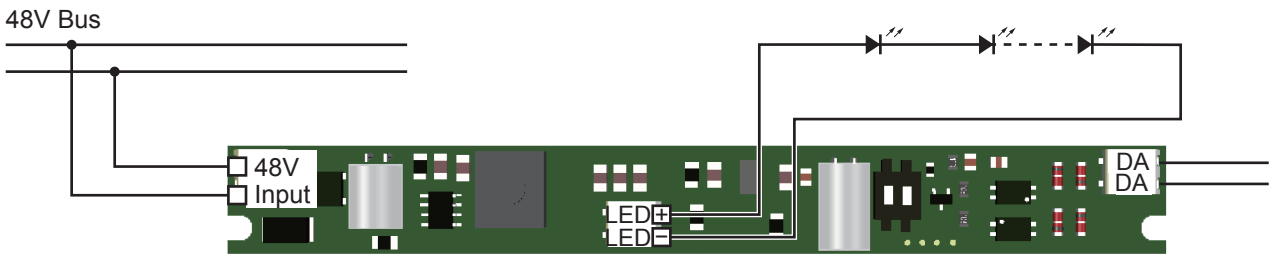


Current	Dip-switch setting	
	1	2
350mA	ON	ON
500mA	ON	-
600mA	-	ON
700mA	-	-

Physical Parameter



Wiring Diagram



Tc Location

