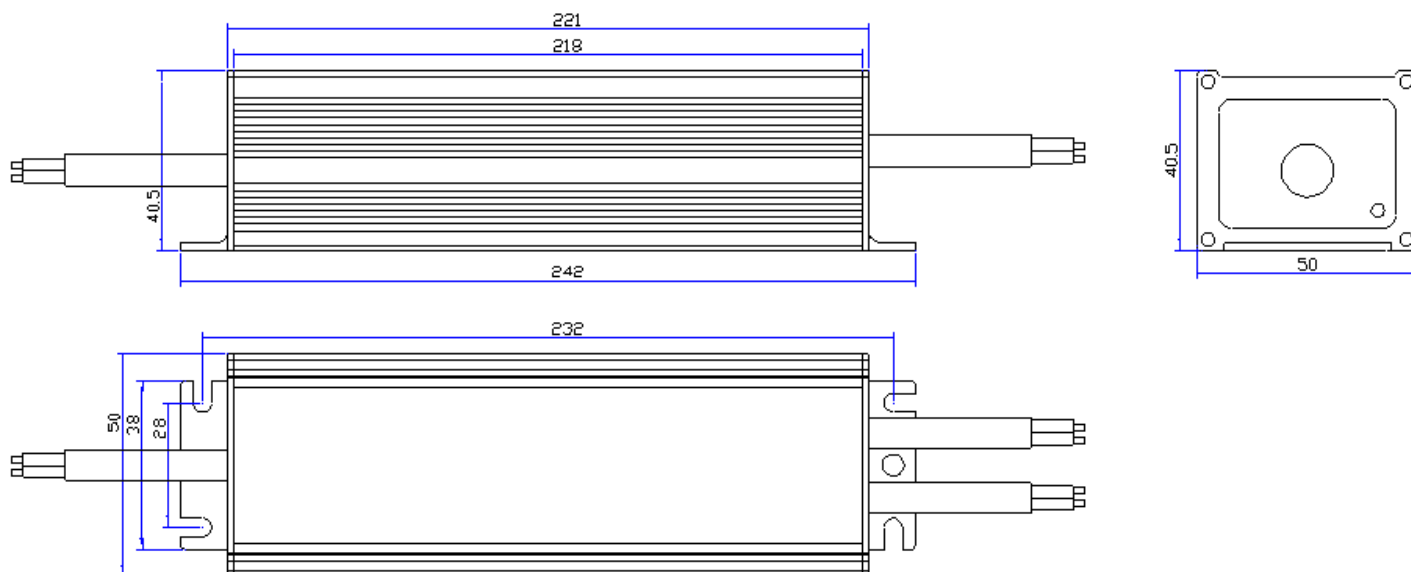


Specification Sheet	Product	50W 700/1050/1400mA driver with 1-10V dimming		Version: 2.0	Page:1/2
	Model	HQLPC50/225/700(1050/1400)P/D3E2		Date	2019-11-14
	■ Features:				
	<ul style="list-style-type: none"><li>·AC Input Range,200-480VAC。</li><li>·Built-in active PFC function.</li><li>·Protection: Short circuit/over temperature</li><li>·Cooling by free air convection。</li><li>·Input/output are connected by cable or coupler</li><li>·Using DIP switch to achieve different current.</li><li>·Suitable for LED lighting applications.</li><li>·1-10V/PWM dimming function</li><li>·Independently mounted,can be applied to indoor,outdoor.</li><li>·3 years warranty.</li></ul>				
1-10V DIMMING CONTROL CONSTANT CURRENT LED DRIVERS					
					
Specification					
Input	Voltage range	Rated Voltage 200~480VAC			
	Frequency range	47~63Hz			
	Power Factor	PF ≥ 0.9/240VAC(100% full load)			
	Efficiency(Typ.)	1400mA	Test Condition:Input Voltage 480VAC,100% full load.		
		≥84%			
	Input AC current:	≤0.40A/200VAC (100%full load)			
	Inrush current(Typ.)	Cold start: 50A/480VAC			
Leakage current	<0.5mA at 508.8VAC				
Output	Channel	1channel (can use DIP switch to choose current)			
	Output current and voltage	1400mA	1050mA	700mA	
		26-36V	26-48V	26-72V	
	Output current range	±5%			
	Output ripple current	≤10%Io (100% full load)			
	Output overshoot /	≤10%,when the driver turn on/off			
	Start up time	0-2S,200VAC			
		0-1S,480VAC			
Short circuit protection	Products without damage,when abnormal condition removed,re-power on to recover				
Over-heat protection	Protection type:Shut down o/p voltage,re-power on to recover				
Environment	Working TEMP	-40~+50℃ (100% full load)			
	Working Humidity	20~95%RH, non-condensing			
	Storage TEMP&Humidity	-40~+80℃, 10~95%RH			
	Vibration	10~100Hz, 5G 12min/1 cycle, period for 72 minutes. each along X、Y、Zaxes			
Safety&EMC	Safety standards	UL8750, CAN/CSA-C22.2 No.250.13; GB19510.1/IEC61347-1, GB19510.14-/IEC61347-2-13			
	Withstand voltage	I/P-O/P:3.75KVAC I/P-FG:1.950KVAC O/P-FG:0.5KVAC ,60S(leak current<100mA)			
	Isolation resistance	I/P-O/P,I/P-FG,O/P-FG:>100MΩ at 500VDC/25℃/70%RH			
	EMC emission	FCC Part 15 ANSI C63.4:2009 Class B GB17625.1-2012/IEC61000-3-2:2009 ;GB17743-2007/CISPR15:2005			
	EMC immunity	GB/T 18595-2014/IEC61547: 2009 Surge impulse test:L-N,6KVAC, L(N)-FG,6KVAC.			
Life	50000 hours @ Ta				
Size	242*50*40.5mm(L*W*H),Please refer to the detail construction size as below				
NOTE	1.All parameters NOT specially mentioned are measured at 220VAC input , rated load and 25℃ of ambient temperature . 2.The LED driver 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 . 3.Detail warranty terms please refer to warranty statement.				

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	Model	HQLPC50/225/700(1050/1400)P/D3E2	Date	2019-11-14

■ Size

Unit: mm



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Please refer to the actual products provided by HUAQUAN for specific details.

FM73045C