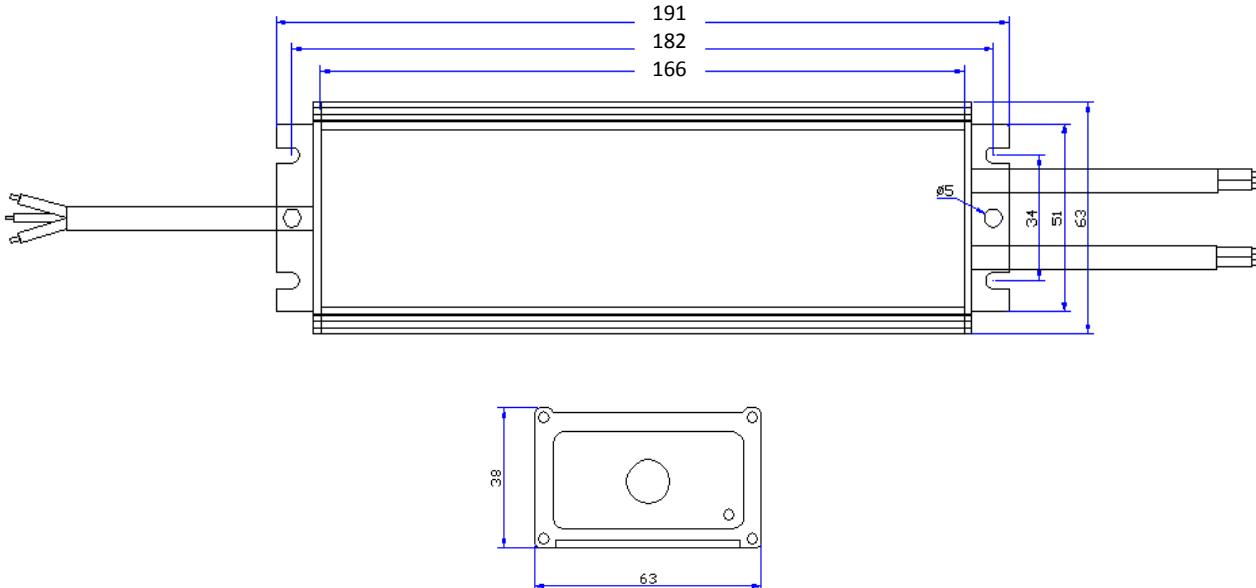


<b>Specification Sheet</b>	<b>Product</b>	75W 1500mA Adjustable current driver with 1-10V dimming	version: 2.0	Page:1/2			
	<b>Model</b>	HQLPC75/123/1500AP/D4E1	Date	2019-8-14			
		<p>■Features:</p> <ul style="list-style-type: none"> <li>•Universal AC input:100~277VAC.</li> <li>•Built-in active PFC function.</li> <li>•Efficiency over 88%.</li> <li>•Protections: Short circuit, Over temperature protection</li> <li>•IP65, input/output ports are connected to the wire.</li> <li>•Constant current output, output current can be adjusted by external potentiometer.</li> <li>•With 1-10V/PWM dimming function .</li> <li>•Suitable for LED lighting applications.</li> <li>•Conforms to IEC and GB lighting equipment safety regulations.</li> <li>•Independent installation,installed in indoor/outdoor.</li> </ul>					
<b>ADJUSTABLE CURRENT LED DRIVER WITH 1-10V DIMMING</b>		      <b>SELV IP65</b>					
<b>SPECIFICATION</b>							
<b>INPUT</b>	Voltage range	Rated voltage range:100~277VAC , (Input voltage range:100~180VAC, 70% power use)					
	Frequency range	47~63Hz					
	Power factor	0.95 (100%full load)					
	Efficiency(Typ.)	≥88%	Test condition: Input Voltage 277VAC,100% full load.				
	AC current	≤0.64A/100VAC; ≤0.43A/220VAC					
	Start up inrush current(Typ.)	cold start: 50A Max. /277VAC					
	Leakage current	Contact current ≤0.7mA at 277VAC, Protect conductor current ≤2mA at 277VAC					
	THD	<20%					
	Input the dimming signal	1-10V/PWM(10V/100-1KHz)					
<b>OUTPUT</b>	Output channel	1 channel					
	Output current and voltage	700~1500mA (Adjustable Current)	50~105Vdc				
	Rated power	75W (200~277VAC)		52.5W (100~180VAC)			
	Tolerance	±5%					
	Dimming Range	10%-100%					
	Output ripple current	≤30% (100% full load)					
	Output overshoot / undershoot current	≤10%,when power open and shut down					
	Start up time	0~1S,100VAC ; 0~0.5S,277VAC					
	Short circuit protection	Products without damage, when abnormal condition removed , re-power on to recover.					
	Over temperature protection	Protection shell maximum temperature 110 °C, over temperature protection startup, shut down output, can be automatically restored after the temperature is normal					
<b>ENVIRONMENT</b>	Working TEMP.	-40~+50°C (100%full load)					
	Max. CASE TEMP.	90°C (100%full load)					
	Working humidity	20~95%RH, non-condensing					
	Storage TEMP.,humidity	-40~+80°C, 10~95%RH					
	Temp. coefficient	±0.03%/°C (0~50°C)					
	Vibration	10~500Hz, 5G 12min/1 cycle, period for 72min.each along X、Y、Z axes					
<b>SAFETY&amp;EMC</b>	Safety standards	GB19510.1/IEC61347-1 ; GB19510.14/IEC61347-2-13					
	Withstand voltage	I/P-O/P:3.75KVAC 60S(Leakage current<100mA) I/P-FG:1.875KVAC O/P-FG:1.5KVAC ,60S(Leakage current<10mA)					
	Isolation resistance	I/P-O/P,I/P-FG,O/P-FG:>100MΩ at 500VDC/25°C/70%RH					
	EMC emission	GB17625.1/IEC61000-3-2 ;GB17743/CISPR15					
	EMC immunity	GB/T 18595/IEC61547					
		Surge immunity: L-N: 6KV; L,N-G: 6KV					
<b>LIFE</b>	50,000 hours at Tc=80°C						
<b>SIZE</b>	191x63x38mm(LxWxH),find below dimension.						
<b>WEIGHT</b>							
<b>NOTE</b>	<p>1.All parameters NOT specially mentioned are measured at 220VAC input , rated load and 25°C of ambient temperature .</p> <p>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 .</p> <p>3.Detail warranty terms please refer to warranty statement.</p>						

Specification Sheet	Product Model	75W 1500mA Adjustable current driver with 1-10V dimming HQLPC75/123/1500AP/D4E1	version: 2.0	Page:2/2
			Date	2019-8-14

## ■SIZE

UNIT: mm

TOERLANCE:  $\pm 1\text{mm}$ 

## ■WIRE

Input wire: 3x1.0 rubber wire, Line length  $350\pm 20\text{mm}$ , decortication 30mm, endothelial 5mm solder;

Signal input wire: 2x1.0 rubber wire, Line length  $300\pm 20\text{mm}$ , decortication 30mm, endothelial 5mm solder;

Output wire: 2x1.0 rubber wire, Line length  $300\pm 20\text{mm}$ , decortication 30mm, endothelial 5mm solder;

The technical data and information in this specification is owned by HUAQUAN , we reserve the right to change without prior notice.

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

CONTACT INFORMATION:

7101 Whisperfield Drive, Plano, TX 75024

Ph: 877-666-5267 Fax: 972-624-5800

Email: sales@watranusa.com

FM73045C