CC6WYYY UNIA4 /CC9WYYY UNIA4

Constant Current Driver

Model: CC6WYYY UNIA4
CC9WYYY UNIA4

Type Approved
Safety
Regular Production
Surveillance
TÜVRheinland
CERTIFIED
www.tuv.com
ID 1419038897

Model	Output Current (230V Full Load)	Input Current (230V Full Load)	Input Power (230V Full Load)	Output Power Range	PF (Full Load)	Efficiency (Full Load)	Output Voltage	No load Voltage
CC6W200 UNIA4	200mA	0.1A	10W	3.6-6W	0.87	72%	18-30V	42V
CC6W250 UNIA4	250mA	0.1A	10W	3.75-6W	0.87	72%	15-24V	35V
CC6W300 UNIA4	300mA	0.1A	10W	3.6-6W	0.87	72%	12-20V	30V
CC6W350 UNIA4	350mA	0.1A	10W	3.15-5.95W	0.87	72%	9-17V	25V
CC6W400 UNIA4	400mA	0.1A	10W	3.2-6W	0.87	72%	8-15V	25V
CC6W500 UNIA4	500mA	0.1A	10W	4-6W	0.87	72%	8-12V	22V
CC6W550 UNIA4	550mA	0.1A	10W	4.4-6.05W	0.87	72%	8-11V	21V
CC6W600 UNIA4	600mA	0.1A	10W	3-6W	0.87	72%	5-10V	20V
CC6W700 UNIA4	700mA	0.1A	10W	3.5-6.3W	0.87	73%	5-9V	18V
CC9W200 UNIA4	200mA	0.15A	13W	6-9W	0.9	76%	30-45V	58V
CC9W250 UNIA4	250mA	0.15A	13W	6-9W	0.9	76%	24-36V	48V
CC9W300 UNIA4	300mA	0.15A	13W	5.4-9W	0.9	76%	18-30V	42V
CC9W350 UNIA4	350mA	0.15A	13W	5.25-8.75W	0.9	76%	15-25V	35V
CC9W400 UNIA4	400mA	0.15A	13W	4.8-8.8W	0.9	76%	12-22V	35V
CC9W500 UNIA4	500mA	0.15A	13W	4.5-9W	0.9	76%	9-18V	30V
CC9W550 UNIA4	550mA	0.15A	13W	5.5-8.8W	0.9	76%	10-16V	25V
CC9W600 UNIA4	600mA	0.15A	13W	4.8-9W	0.9	76%	8-15V	25V
CC9W700 UNIA4	700mA	0.15A	13W	5.6-9.1W	0.9	75%	8-13V	25V

1. Parameters

category	Item	Technical Norm
Features	Output Type	Constant Current
	IP Grade	IP20
	Insulation Class	Class Ⅱ
Input	Rated Input Voltage	100-240VAC

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	Range of Input Voltage	90-264VAC
	Frequency	50/60Hz
	Input Current	≤0.15A (100VAC，full load)
	Input Power	≤ 13W (230VAC，full load)
	Power Factor	≥0.87 (230VAC，full load)
	No-load Power Consumption	≤0.5W @230VAC
	Inrush Current	≤10A/25us (230VAC, Full-load)
	Connected quantity of 16A Breaker	50pcs/type B ; 80pcs/type C @ 230Vac
Output	Current Accuracy	±5%
	Max. Output Power	9.1W
	Started Delay Time	≤1S (100VAC，full load)
	Current Ripple	±50%（Ip-p）
Protection	Short Circuit Protection	Auto Recovery
	Overload Protection	Auto Recovery
	No-load Protection	Auto Recovery
	Insulation voltage	I/P to O/P , 3KVac/1min
	Insulation resistance	>100M ohm @ 500VDC
	Leakage current	I/P to O/P < 250μA
Environment	Ta/Operation Temperature	-20….+50℃
	Ts/Storage Temperature	-25….+85℃
	Tc/Enclosure Temperature	85 ℃
	Humidity	10%....90%RH
	Atmosphere	86-108KPa
Construction	Connection Method	Screw Terminal
	Installation	Build-in
	PRI Wire preparation	0.75-1.5□
	SEC Wire preparation	0.5-1.5□
	Dimension	57.7X39X19.9mm (L*W*H)
Standards	Certification	TUV、CE
	Safety Standards	EN61347-1:2015,EN61347-2-13:2014/A1:2017,EN62493:2015
	EMC Standards	EN55015:2013/A1:2015,EN61000-3-2:2014,EN61000-3-3:2013,EN61547:2009
	Performance	EN62384
	Surge	L-N/0.5KV
Others	RoHS	complied to 2011/65/EU
	Life Time	50000h @50℃ (Ta)
	Warranty	5years ， F.R. < 10000ppm

Remark: 1.All Parameters, if not specified, are measured at 230VAC/50Hz and 25℃ ambient temperature.
2.LED Driver is a component of the luminaires.Luminaires and wire layout will affect the EMC, please check the EMC with end products again.

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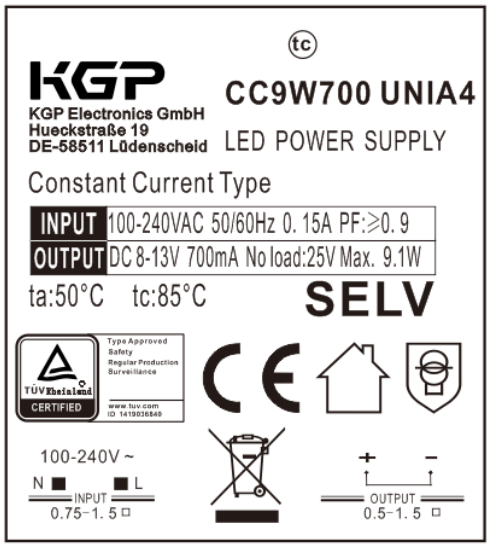
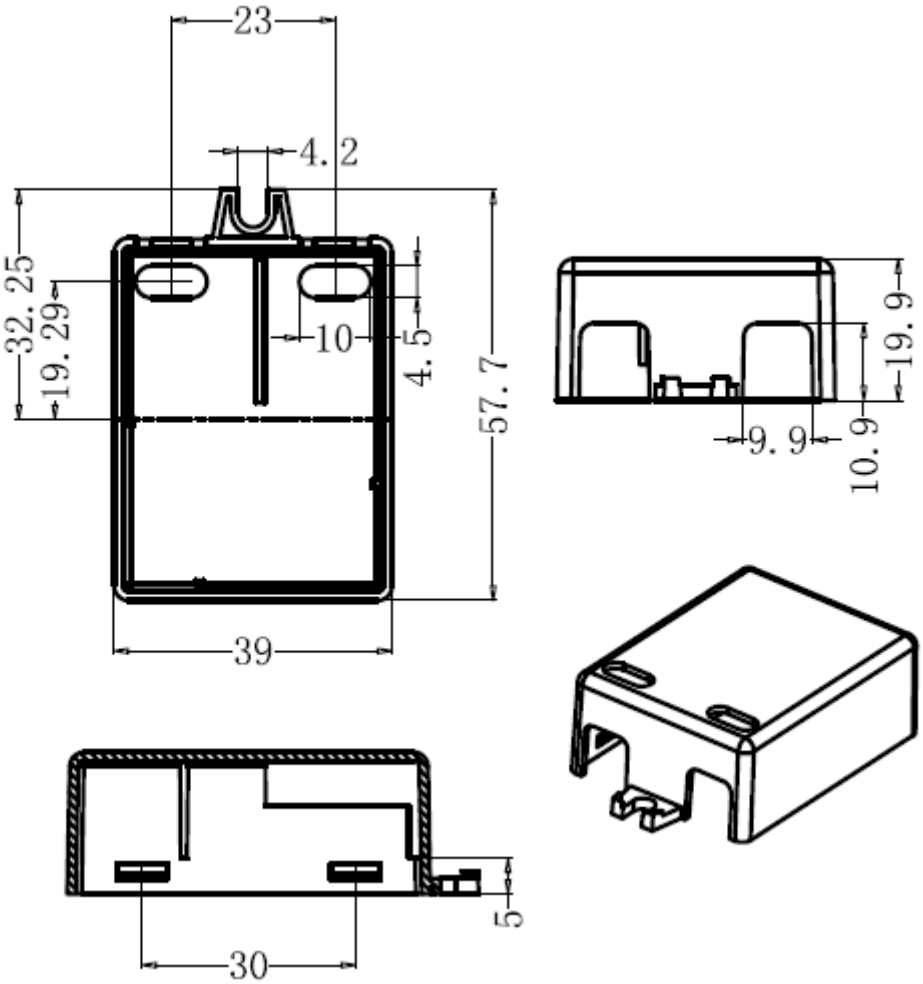
2. Label（For example）



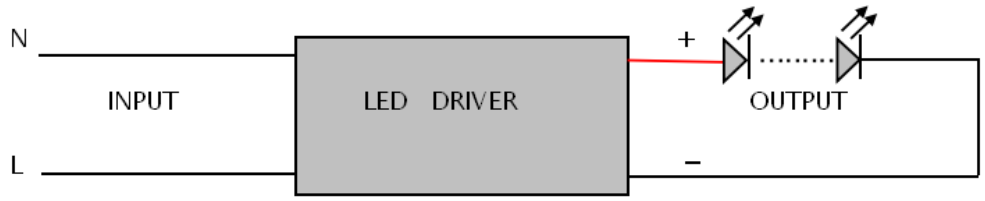
3. Dimension （Unit：mm）



4. Packing information

Carton L*W*H(mm)	Pcs/Carton	Net weight/ Pcs(kg)	Net weight/ Carton(kg)	Gross weight / Carton(kg)
447*240*200	365	0.037	13.51	14.25

5. Wiring Diagram



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