



Model	Output Current	Input Current	Input Power	Output Power Range	PF	Efficiency	Output Voltage	No load Voltage
CC3W120 Triac	120mA	0.06A	7W	2.28-3.6W	0.9	60%	19-30V	45V
CC3W180 Triac	180mA	0.06A	7W	2.34-3.78W	0.9	60%	13-21V	35V
CC3W200 Triac	200mA	0.06A	7W	2.6-4.2W	0.9	60%	13-21V	35V
CC3W260 Triac	260mA	0.06A	7W	2.08-3.38W	0.9	60%	8-13V	25V
CC3W300 Triac	300mA	0.06A	7W	2.4-3.9W	0.9	60%	8-13V	25V
CC3W350 Triac	350mA	0.06A	7W	2.8-4.55W	0.9	60%	8-13V	25V
CC6W120 Triac	120mA	0.08A	10W	4.32-6W	0.9	70%	36-50V	65V
CC6W180 Triac	180mA	0.08A	10W	4.86-7.02W	0.9	70%	27-39V	55V
CC6W200 Triac	200mA	0.08A	10W	3.8-6W	0.9	70%	19-30V	45V
CC6W250 Triac	250mA	0.08A	10W	3.25-5.25W	0.9	70%	13-21V	35V
CC6W300 Triac	300mA	0.08A	10W	3.9-6W	0.9	70%	13-20V	35V
CC6W350 Triac	350mA	0.08A	10W	4.55-7.35W	0.9	70%	13-21V	35V
CC6W400 Triac	400mA	0.08A	10W	3.2-5.2W	0.9	70%	8-13V	25V
CC6W450 Triac	450mA	0.08A	10W	3.6-5.85W	0.9	70%	8-13V	25V
CC6W500 Triac	500mA	0.08A	10W	4-6W	0.9	70%	8-12V	25V

* Test result @230V, 50Hz, Full Load.

1. Parameters

category	Item	Technical Norm
Features	Output Type	Constant Current
	Dimming Type	Phase dimming
	Dimming Range	5%-100%
	IP Grade	IP44
	Insulation Class	Class II
Input	Rated Input Voltage	220-240VAC
	Range of Input Voltage	198-264VAC
	Frequency	50/60Hz
	Input Current	≤0.08A (198VAC, full load)
	Input Power	≤ 9.5W (230VAC, full load)
	Power Factor	≥0.9 (230VAC, full load)

	No-load Power Consumption	≤0.5W @230VAC
	Inrush Current	≤8A/400us (230VAC, Full-load)
	Connected quantity of 16A Breaker	40pcs/type B ; 64pcs/type C @ 230Vac
Output	Current Accuracy	±5%
	Max. Output Power	7.02W
	Started Delay Time	≤0.5S (230VAC, full load)
	Current Ripple	±5% ((Imax-Imin) / (Imax+Imin))
Protection	Short Circuit Protection	Auto Recovery
	Overload Protection	Auto Recovery
	No-load Protection	Auto Recovery
	Insulation voltage	I/P to O/P , 3.75KVac/1min
	Insulation resistance	>100M ohm @ 500VDC
	Leakage current	I/P to O/P < 250 μ A
Environment	Ta/Operation Temperature	-20....+50°C
	Ts/Storage Temperature	-25....+85°C
	Tc/Enclosure Temperature	85 °C
	Humidity	10%....90%RH
	Atmosphere	86-108KPa
Construction	Connection Method	Direct Lead
	Installation	Build-in
	PRI Wire preparation	0.5-1.5□
	SEC Wire preparation	0.5-1.5□
	Dimension	48.2*30*20mm (L*W*H)
Standards	Certification	TUV、CE、SAA
	Safety Standards	EN61347-1:2015,EN61347-2-13:2014/A1:2017 ,EN62493:2015, AS/NZS IEC61347.2.13:2013, AS/NZS 61347.1:2016
	EMC Standards	EN55015:2013/A1:2015,EN61000-3-2:2014,E N61000-3-3:2013,EN61547:2009
	Performance	EN62384
	Surge	L-N/ 1KV
Others	RoHS	complied to 2011/65/EU
	Life Time	50000h @50°C (Ta) / @85°C (Tc)
	Warranty	5years , F.R. < 10000ppm

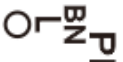
Remark: 1.All Parameters, if not specified, are measured at 230VAC/50Hz and 25°C ambient temperature.
 2.LED Driver is a component of the luminaires. Luminaires and wire layout will affect the EMC, please check the EMC with end products again.


2. Trailing Edge Dimmer list approved by KGP










Manufacturer	Model	Q'ty of parallel connection
ABB	6519 U	15
ABB	6526 U	13
JUNG	1224 LED UDE	14
Berker	2861	10
JUNG	254 UDIE 1	10
JUNG	225 TDE	14
EGANT	U321V2	15
Schneider	SBD200LED	13
Schneider	SBD315RC	14
Merten	SBD200LED	13
Berker	2874	12
Eetako	EUD61NPL-230V	12

Leading Edge Dimmer list only on request -/ or confirmed by KGP Electronics

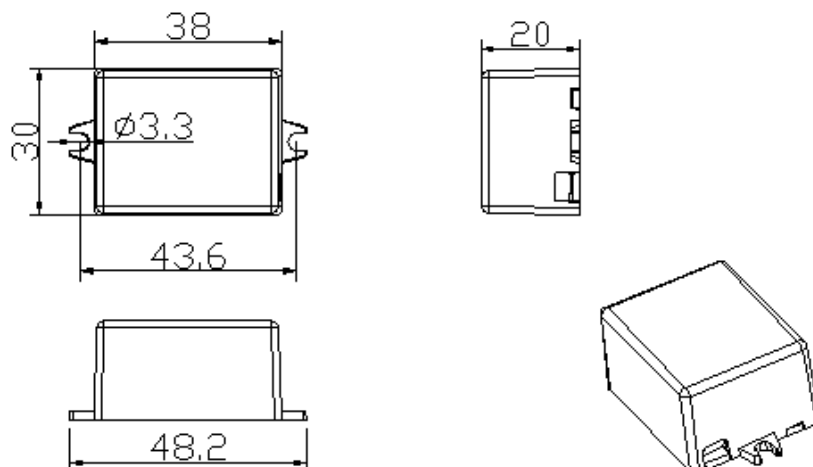
3. Label (For example)

 **KGP** LED Dimmable Driver
 KGP Electronics GmbH
 Hueckstraße 19
 DE-58511 Lüdenscheid

CC6W500 Triac
 $U_N = 220-240V_{ac}$ $U_{OUT} = 8-12V_{dc}$ ● t_c
 $I_N = 0.08A_{max.}$ $I_{OUT} = 500mA_{const.}$
 $f_N = 50/60Hz$ $P_{OUT} = 6W_{max.}$
 $PF \geq 0.9$  $U_{max} = 35V_{dc}$ S_{EUBK} I_{SD+}
 $t_c = 85^\circ C$ $t_a = 50^\circ C$ **SELV**

   
    
 For LED modules only

4. Dimension (Unit: mm)



5. Packing information

Carton L*W*H(mm)	Pcs/Carton	Net weight/ Pcs(kg)	Net weight/ Carton(kg)	Gross weight / Carton(kg)
450*240*200	250	0.05	12.5	13.3

6. Wiring Diagram

