



Model	Item Code	Output current	Input current	Input power	Output power range	PF	Efficiency	Output voltage	No load voltage
CC10W180-270CG-TRIAC-NX	160540	270mA	0.08A	14W	4.68-10.00W	0.92	81%	20-45V	55V
CC10W200-350CG-TRIAC-NX	160550	350mA			3.20-10.00W		80%	16-29V	45V
CC10W350-500CG-TRIAC-NX	160560	500mA			4.20-10.00W		81%	12-20V	35V
CC10W500-700CG-TRIAC-NX	160570	700mA			4.00-9.80W		78%	8-14V	25V

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

1. Parameters

Category	Item	Technical Norm
Features	Output Type	Constant Current
	Dimming Type	Phase dimming
	Dimming Range	10%-100%
	IP Grade	IP20
	Insulation Class	Class II
Input	Rated Input Voltage	220-240VAC_stable
	Range of AC Input Voltage	198-264VAC
	Frequency	50/60Hz
	Input Current	≤0.08A (198VAC, full load)
	Input Power	≤14W (230VAC, full load)
	Power Factor	≥0.92 (230VAC, full load)
	THD	N/A
	No-load Power Consumption	≤0.5W @230VAC
	Inrush Current	≤8A/10us (230VAC, full load)
	Connected quantity of 16A Breaker :	28pcs/type B ; 45pcs/type C @ 230Vac

Output Voltage	CC10W180-270CG-TRIAC-NX	26-38V
	CC10W200-350CG-TRIAC-NX	16-29V
	CC10W350-500CG-TRIAC-NX	12-20V
	CC10W500-700CG-TRIAC-NX	8-14V
Output Current	CC10W180-270CG-TRIAC-NX	180mA/200mA/250mA/270mA
	CC10W200-350CG-TRIAC-NX	200mA/250mA/300mA/350mA
	CC10W350-500CG-TRIAC-NX	350mA/400mA/450mA/500mA
	CC10W500-700CG-TRIAC-NX	Triac 500mA/550mA/600mA/700mA
No Load Voltage	CC10W180-270CG-TRIAC-NX	55VDC Max.
	CC10W200-350CG-TRIAC-NX	45VDC Max.
	CC10W350-500CG-TRIAC-NX	35VDC Max.
	CC10W500-700CG-TRIAC-NX	25VDC Max.
Output	Max. Output Power	10W
	Efficiency	≥78% (230VAC, full load)
	Current Ripple	±10% (230VAC, full load)
	Current Accuracy	±5%
	Started Delay Time	≤0.5S (230VAC, full load)
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
	Ta/Operation Temperature	-20....+50℃
Environment	Ts/Storage Temperature	-40....+85℃
	Tc/Enclosure Temperature	85 °C
	Humidity	10%....90%RH
	Atmosphere	86-108KPa
	Connection Method	Push-in Terminal
Construction	Installation	Independent & Built in
	PRI Wire preparation	0.75-1.5□
	SEC Wire preparation	0.5-1.5□
	Dimension	Independent:129*44*23mm (L*W*H) Built in:88*44*23mm(L*W*H)
	Certification	complied to CE ENEC SAA
Standards	Safety Standards	EN61347-1:2015,EN61347-2-13:2014/A1:2017, EN62493:2015,AS/NZSIEC61347.2.13:2013, AS/NZS 61347.1:2016
	EMC Standards	EN55015:2013/A1:2015,EN61000-3-2:2014, EN61000-3-3:2013,EN61547:2009
	Performance	EN62384
	Surge	L-N/1KV
	RoHS	complied to 2011/65/EU

Others	Life Time	50000h @50°C (Ta) / 85°C (Tc)
	Warranty	5years , F.R. < 10000ppm
Remark: 1. Specific instructions are not all parameters are not connect dimmer input voltage 230 vac / 50Hz and 25 °C ambient temperature measured. 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. 3. Leading edge & trailing edge dimmable.		

2. Trailing Edge Dimmer list approved by KGP

Manufacturer	Model	Q'ty of parallel connection
ABB	6519 U	12
ABB	6526 U	11
JUNG	1224 LED UDE	12
Berker	2861	12
JUNG	254 UDIE 1	13
JUNG	225 TDE	12
EGANT	U321V2	12
Schneider	SBD200LED	13
Schneider	SBD315RC	12
Merten	SBD200LED	13
Berker	2874	12
Eetako	EUD61NP-230V	10
Eetako	DTD55L-230Vwg	10
Eltako	EUD12D-UC	10
Eltako	EUD61NP-230V	10
Eltako	DTD55L-230V-wg	10
GIRA	Universal-LED-Dimmer Mini2440 00	10
EHMANN	LED-Dimmer T46.08	9
JUNG	DrehDimmer Universal LED1731DD	10
EHMANN	LED-Dimmer T46.03	10

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

3. Label

NEXIVO LED Dimmable Driver
by KGP Electronics GmbH Hueckstraße 19 DE-58511 Lüdenscheid
CC10W180-270CG-TRIAC-NX 160540 Constant current Type 8mm

$U_N = 220-240V_{ac}$ 50/60Hz $\lambda: \geq 0.92C$ $PRI0.75-1.5$
 $U_{out} = \text{Max. } 55V_{dc}$ SELV For LED modules only $SEC0.5-1.5$

PIN1	PIN2	I_o (mA)	P_o (W)	U_{out} (V)	I_n (A)
OFF	OFF	180	6.8	26-38	0.06
OFF	ON	200	7.6		0.06
ON	OFF	250	9.5		0.08
ON	ON	270	10		0.08

$t_a = -20^\circ C - +50^\circ C$ $t_c = 85^\circ C$

Apply for

NEXIVO LED Dimmable Driver
by KGP Electronics GmbH Hueckstraße 19 DE-58511 Lüdenscheid
CC10W200-350CG-TRIAC-NX 160550 Constant current Type 8mm

$U_N = 220-240V_{ac}$ 50/60Hz $\lambda: \geq 0.92C$ $PRI0.75-1.5$
 $U_{out} = \text{Max. } 45V_{dc}$ SELV For LED modules only $SEC0.5-1.5$

PIN1	PIN2	I_o (mA)	P_o (W)	U_{out} (V)	I_n (A)
OFF	OFF	200	5.8	16-29	0.06
OFF	ON	250	7.2		0.06
ON	OFF	300	8.7		0.08
ON	ON	350	10		0.08

$t_a = -20^\circ C - +50^\circ C$ $t_c = 85^\circ C$

Apply for

NEXIVO LED Dimmable Driver
by KGP Electronics GmbH Hueckstraße 19 DE-58511 Lüdenscheid
CC10W350-500CG-TRIAC-NX 160560 Constant current Type 8mm

$U_N = 220-240V_{ac}$ 50/60Hz $\lambda: \geq 0.92C$ $PRI0.75-1.5$
 $U_{out} = \text{Max. } 35V_{dc}$ SELV For LED modules only $SEC0.5-1.5$

PIN1	PIN2	I_o (mA)	P_o (W)	U_{out} (V)	I_n (A)
OFF	OFF	350	7	10-20	0.06
OFF	ON	400	8		0.06
ON	OFF	450	9		0.08
ON	ON	500	10		0.08

$t_a = -20^\circ C - +50^\circ C$ $t_c = 85^\circ C$

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NEXIVO LED Dimmable Driver
by KGP Electronics GmbH Hueckstraße 19 DE-58511 Lüdenscheid
CC10W500-700CG-TRIAC-NX 160570 Constant current Type 8mm

$U_N = 220-240V_{ac}$ 50/60Hz $\lambda: \geq 0.92C$ $PRI0.75-1.5$
 $U_{out} = \text{Max. } 25V_{dc}$ SELV For LED modules only $SEC0.5-1.5$

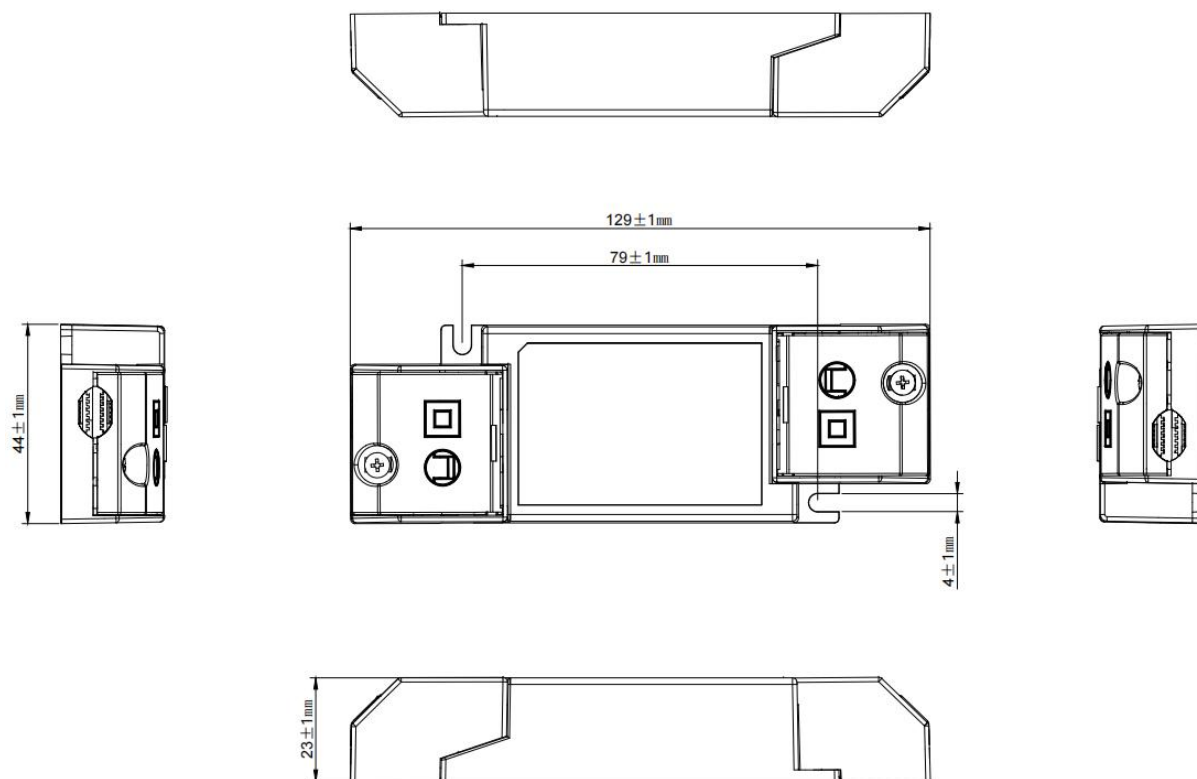
PIN1	PIN2	I_o (mA)	P_o (W)	U_{out} (V)	I_n (A)
OFF	OFF	550	7	8-14	0.06
OFF	ON	600	7.7		0.06
ON	OFF	650	8.4		0.08
ON	ON	700	9.8		0.08

$t_a = -20^\circ C - +50^\circ C$ $t_c = 85^\circ C$

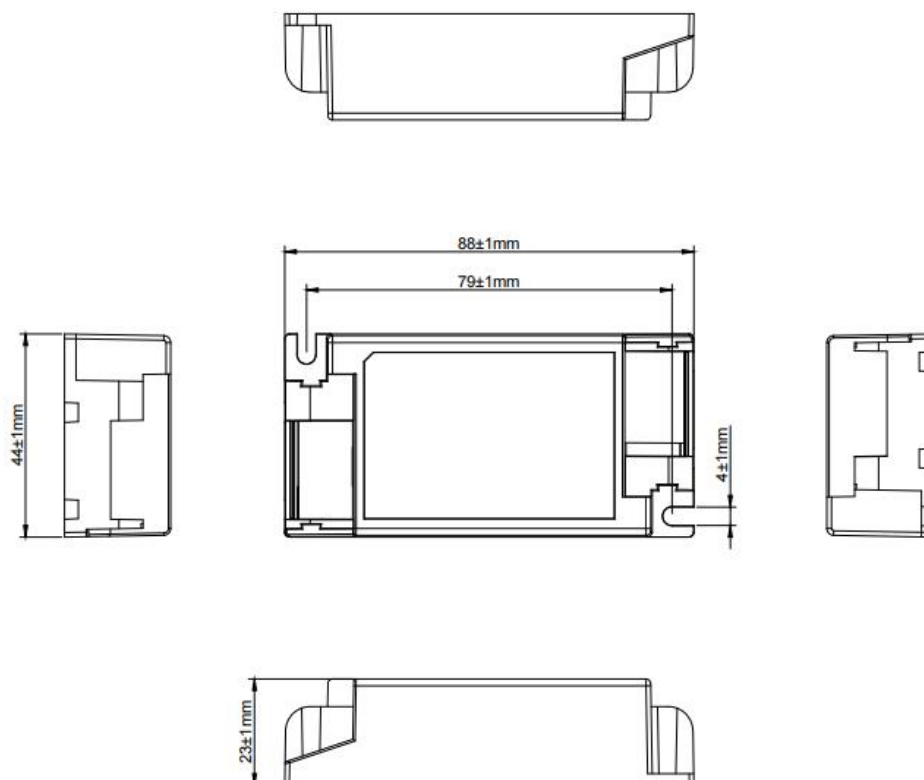
Apply for

4. Dimension (Unit: mm)

Independent type:



Built in type:

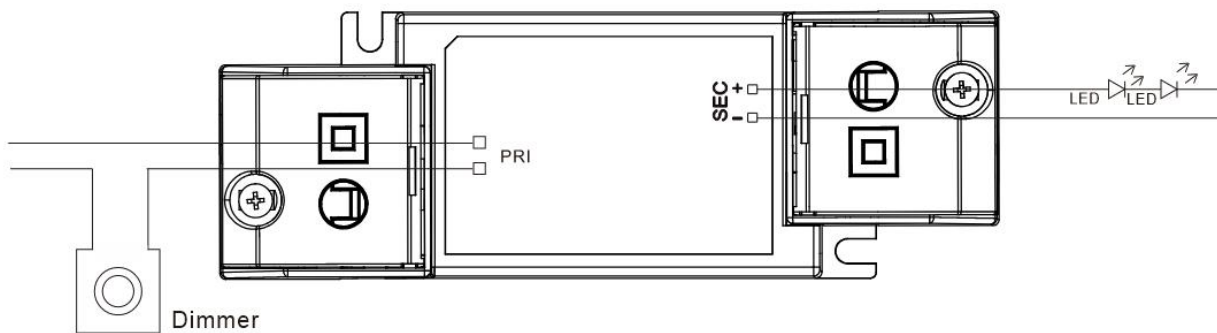


5. Packing information

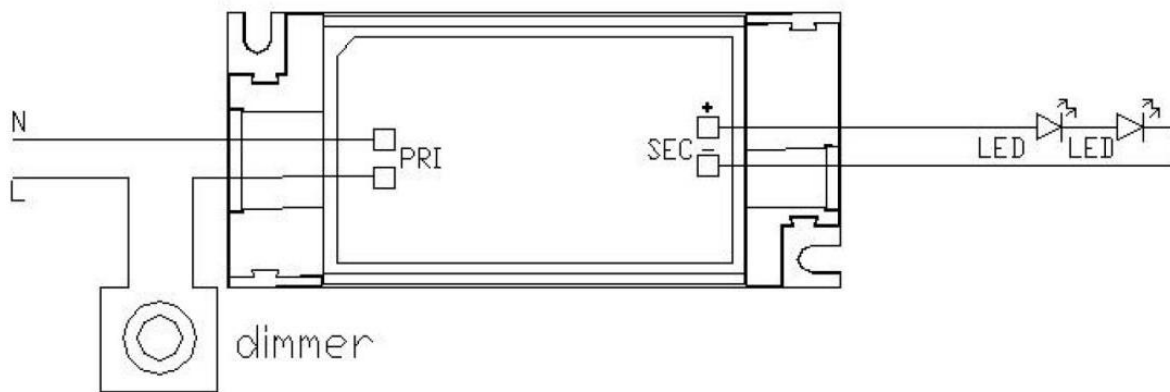
Packing way	Model	Carton L*W*H(mm)	Pcs/ Carton	Net eight/ Pcs(kg)	Net weight/ Carton(kg)	Gross weight /Carton(kg)
With white box and manual	CC10WXXX-XXXCG- TRIAC-NX	420*280*210	100	0.077	7.70	9.20

6. Wiring Diagram

Independent type:



Built in type:



7. Wiring instructions

- All connections must be kept as short as possible to ensure good EMI behaviour
- Mains leads should be kept apart from LED Driver and other leads (ideally 5 – 10 cm distance)
- Advice the maximum length of output wires is 3 m
- Secondary switching is not permitted (Except for constant voltage)
- Incorrect wiring can damage LED modules.
- The wiring must be protected against short circuits to earth (sharp edged metals parts, metal cable clips, louver, etc.)

8. Ordering data

Model No	Item code
CC10W180-270CG-TRIAC-NX	160540
CC10W200-350CG-TRIAC-NX	160550
CC10W350-500CG-TRIAC-NX	160560
CC10W500-700CG-TRIAC-NX	160570

9. Revision history

Date	Revision	Remark
2026.16.03	V0.01	Product release
2026.16.06	V0.02	Height is change from 30mm to 23mm & packing information