

Constant Current, 1 Channel, Non-Dimmable - Compact LED Drivers



*Photograph is for viewing purpose. Technical data not to be drawn from this picture

ECG Versions

Order No.	Model	Wattage (W)	Output Voltage Range (DC)	Output Current Range (mA)
10319866	PCS130-03/PI08/FS/C10319865	3W	7-10	300
10319871	PCS115-06/PI08/FS/C10319870	6W	28-40	150
10319896	PCS130-12/PI09/FS/C10319895	12W	28-40	200-300

Performance Characteristics

- * Non Dimmable 1-channel ECG for constant current Operation of LED Modules
- For use in combination with Class-I luminaires
- * Input Voltage Range - 140-270VAC
- * Mains Overvoltage Protection up to 380VAC for 8 Hrs.
- * Surge Protection Up to 3KV
- * ECG extensively protected against abnormal Operating conditions at the output e.g. Short-circuit, Open circuit.
- * Nominal service life - 30,000 Hrs. at $t_c = t_c \text{ max}$
- * Suitable for Indoor LED Lighting applications

Applications

- Office
- Shops

Markings



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General technical

Rated Input Voltage	220-240VAC
Rated Frequency	50/60Hz
Max Admissible input Voltage Range(VAC)	140-270VAC
Output Current Tolerance	+/-10%
Galvanic Separation to mains input	Basic Insulation(1.5KV)
Starting time	<1 Sec
Power factor	>0.5 @230Vac Full Load
Efficiency (Full Load)	>75%-85% @230Vac Full Load
Open Circuit Protection	Yes
Output short circuit protection	Yes
Max wire length to LED Modules	<2 Meter
Max Surface Temp acc. EN61347-2-13/C5C	110°C
Ambient Temp	0°C to 50°C
Case Temp	75°C
Degree of Protection	IP20
Surge Level	3KV

Operating Data

Order No	Input Current (A)	Input Power (W)	Power Factor	Efficiency (%)	Output Currents (mA)	Output Voltage (VDC)	Output Power (W)	Dimension(mm)
10319866	0.32	4.5	>0.5	>75	300	7-10	3W	50x27x22
10319871	0.58	8	>0.5	>80	150	28-40	6W	50x27x22
10319896	0.70	14	>0.8	>85	200-300	28-40	12W	65x31x25

All specifications at 230 Vac nominal operations & 100% load

Safety & Warnings

- *Read All instructions carefully before installation
- *Check driver's output current rating with LED's current rating before installation
- *Do not install when power applied to the device
- *Do not expose driver to wet surface/moisture

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○ Wiring Diagram



○ Logistic Data

Order No	Weight/pc (Kg)	Driver Dimension (mm)	Standard Box (pcs)	Weight/ Box (Kg)	Box Dimension (mm)
10319866		50x27x22			
10319871		50x27x22			
10319896		65x31x25			

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