



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







ECG Versions

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

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 tc = tc max
- * Suitable for Indoor LED Lighting applications

Applications



Office



Shops













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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 Seperation 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



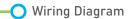
- *Read All instructions carefully before installation
- *Check driver's output current rating with LED's current rating before installation
- *Do not install when power applied to the device
- *Do not expose driver to wet surface/moisture

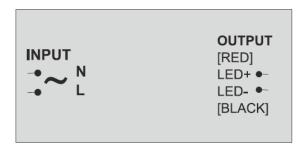






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Logistic Data

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