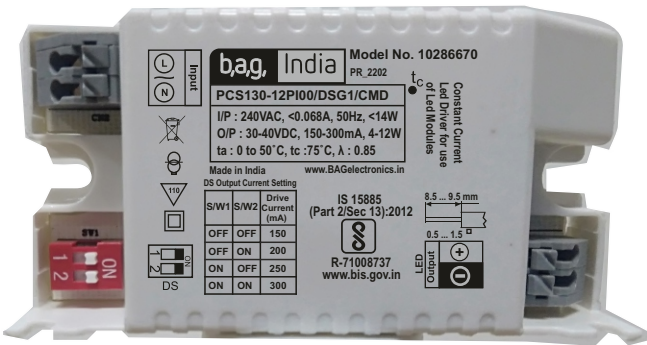


Non - dimmable constant current converter in lower Wattage  
Output power : 12 W



ECG versions

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

Order No.	Model Description	Variant
10286670	LEDC BAG PCS130-12/PI00/DSG1/2202C	5W - 150mA
		7W - 200mA
		9W - 250mA
		12W - 300mA

Performance characteristics

- Non-dimmable 1-channel ECG for constant current operation of LED modules
- High efficiency >80 % (100 % load)
- Input voltage 180-265V
- For use in combination with luminaires of protection class I
- ECG extensively protected against abnormal operating conditions at the output e.g. short-circuit, open circuit or overload.
- Nominal service life: 30,000 h with failure rate < 10% and operation at tc=tc,max
- Surge protection 3KV

Applications

- Office
- Shops

Markings



## Non - dimmable constant current converter in lower Wattage

Output power : 12 W

### General Technical Data

Mains voltage supply	
Rated voltage range	220 - 240 V
Rated frequency	50....60 Hz
Max. admissible input voltage range (AC)	180-265VAC
<b>Total harmonic distortion (THD)</b>	<60%
Mains voltage with standing capacity	320VAC for 2Hrs.(without shut down)
Output data	
Constant current	
Output current tolerance	+/- 10 %
Max. ripple output current (With LED load)	+/- 30 %
Galvanic separation to mains input	Basic Insulation (1.5kV)
Max starting time	<1s
Interfaces and dimming operation	
Dimming Interface depending on ECG model	None
Starting time	
Time to 100% luminous flux	< 1 sec
Power factor	
230 V (at full load)	> 0.8
Efficiency (Typ.)	
Full load	>85%
Protection functions	
Open-circuit operation	< 75VDC
Output short circuit operation	Ok
Connection Terminals	
For solid or stranded wire	
Type	Push terminal
Wire cross section	0.5 mm <sup>2</sup> - 1.5 mm <sup>2</sup>
Wire stripping length	8.5 mm - 9.5 mm
Wire lengths	
Max. wire length to LED module	< 2 m
Thermal protected device	
Max.surface temperature acc. EN 61347-2-13/C5C	+110° C
Degree of protection	
Degree of protection	IP 20
Surge Level	3 Kv

### Temperatures (operation)

Order no.	Model Description	Ambient (t <sub>a</sub> )	Case (t <sub>c</sub> )
10286670	LEDC BAG PCS130-12/PI00/DSG1/2202C	0 °C ... + 50°C	max. + 75 °C

## Non - dimmable constant current converter in lower Wattage

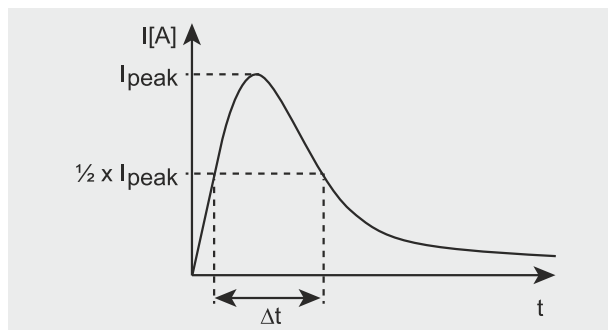
Output power : 12 W

### Circuit breaker / Inrush current

Model	typ. I <sub>peak</sub> / Δt	No. of ECG at single-pole circuit breakers				
		LS-Typ	10 A	16 A	20 A	25 A
10286670	13A/13 us	B	38	60	76	95
		C	38	60	76	95

- Data for U<sub>supply</sub> = 230 VAC, mains impedance = 1 Ω
- In case of multi-polar CB the maximum number is reduced by 20 %
- The max. number may differ depending on CB manufacturer. Please consider the specifications of the manufacturer.
- Basically, CB with C-characteristics are recommended to be used in lighting groups.

Typical current - time profile when switching on

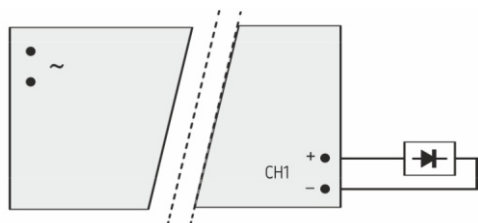


### Operating data

Order No.	Model Description	Input Power W	Power Factor %	ECG Efficiency %	Output current mA	Output Voltage VDC	Athd %	Output Power W
10286670	LEDC BAG PCS130-12/PI00/DSG1/2202CMD	14.11	0.8	85	150-300	30-40	60	12

All specifications with 230 VAC nominal operation and 100 % load

### Wiring diagrams

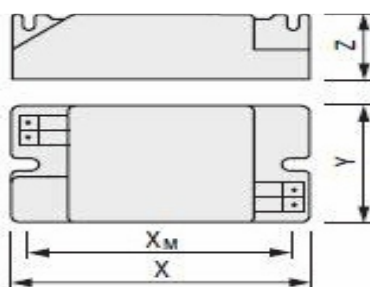


## Non - dimmable constant current converter in lower Wattage

Output power : 12 W

### Case drawing

Order no.	Length X mm	Width Y mm	Height Z mm	Hole spacing X <sub>m</sub> (length direction) mm	Hole spacing Y <sub>m</sub> (width direction) mm	Hole spacing Z <sub>m</sub> (height direction) mm
10286670	80	40	22	70	7	18.5



### Logistic data

Model Description	Order no.	Weight ECG kg	ECG / packaging unit pcs.	Dimensions packaging unit mm	Weight packaging unit kg
LEDC BAG PCS130-12/PI00/DSG1/2202C	10286670	0.08	100	345x215x115	8

### Conformance with regulations (Compliance to relevant clauses)

IS15885(PART- 2/SEC 13)

EN 61347-1 General and safety requirements

EN 61347-2-13 Particular requirement for DC or AC supplied electronic control gear for LED modules

EN 62 384 Performance characteristics: DC or AC supplied electronic control gear for LED modules Module

EN 61 547 Equipment for general lighting purposes EMC immunity requirements

Environmental tests for mechanical capacity:

IEC 60068-2-6 Test Fc : vibrations (sinusoidal)

IEC 60068-2-27 Test Ea : shock and bump

IEC 60068-2-29 Test Eb : shock and bump

Quality management certified according to ISO 9001

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