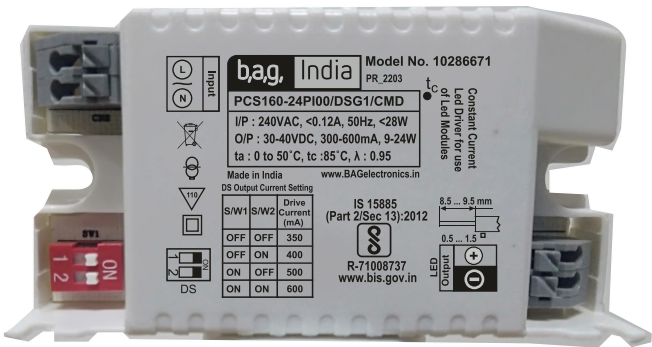


Non - dimmable Constant Current Driver

Max Output Power :24W



ECG ve

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

Order No.	Model Description	Variant	Output Voltage
10288392	PCS140-16PI00/DSG1/CMD	10W - 250mA	30 - 40V
		12W - 300mA	30 - 40V
		14W - 350mA	30 - 40V
		16W - 400mA	30 - 40V
10286671	PCS160-24PI00/DSG1/CMD	20W - 500mA	30 - 40V
		24W - 600mA	30 - 40V

Performance characteristics

- Non-dimmable 1-channel ECG for constant current operation of LED modules
- Input voltage 180-265V
- High efficiency >85 % (100 % load)
- ECG extensively protected against abnormal operating conditions at the output e.g. short-circuit, open circuit or overload .
- Nominal service life: 30,000 h at tc=tc,max
- Surge protection 3KV

Applications

- Office
- Shops

Markings



Non - dimmable Constant Current Driver

Max Output Power :24W

General Technical Data

Mains voltage supply	
Rated Voltage	240 V
Rated Frequency	50 Hz
Max.admissible input voltage range (AC)	180-265VAC
Total harmonic distortion(THD)	<10%
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	<1Sec
Power factor	
230 V(at full load)	> 0.8
Efficiency (Typ.)	
Full load	> 85%
Protection functions	
Open-circuit operation	< 75VDC
Output Short Circuit operation	Yes
Connection Terminals	
For solid or stranded wire	
Type	Push terminal
Wire cross section	0.5mm ² - 1.5mm ²
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	3kV

Temperatures (operation)

Order no.	Model Description	Ambient (t _a)	Case (t _c)
10288392	PCS140-16PI00/DSG1/CMD	0 °C ... + 50°C	max. + 85 °C
10286671	PCS160-24PI00/DSG1/CMD	0 °C ... + 50°C	max. + 85 °C

Non - dimmable Constant Current Driver

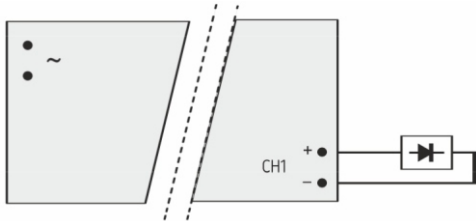
Max Output Power :24W

Operating data

Order No.	Varriant	Switch Position SW1 - SW2	Loading	Input current A	Input power W	Power factor	AThd %	ECG effi ciency ¹⁾ %	Output currents mA	Output voltage VDC	Total output power W
10288392	10W 250mA	OFF - OFF	100%	0.54	12	0.95	10%	85%	250mA	40	10
	12W 300mA	OFF - ON	100%	0.60	15	0.95	10%	85%	300mA	40	12
	14W 350mA	ON - OFF	100%	0.75	18	0.95	10%	85%	350mA	40	14
	16W 400mA	ON - ON	100%	0.82	20	0.95	10%	85%	400mA	40	16
10286671	20W 500mA	ON - OFF	100%	0.111	26	0.95	10%	85%	500mA	40	20
	24W 600mA	ON - ON	100%	0.128	30	0.95	10%	85%	600mA	40	24

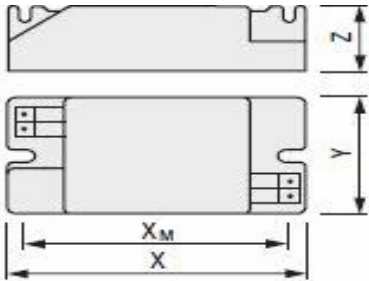
All specification with 240 VAC nominal operation and 100% load

Wiring diagrams



Case drawing

Length X mm	Width Y mm	Height Z mm
80	40	22



Non - dimmable Constant Current Driver

Max Output Power :24W

Logistic data

Model Description	Order no.	Weight ECG kg	ECG / packaging/Box pcs.	Dimensions packaging /Box mm	Weight packaging/Box kg
PCS140-16PI00/DSG1/CMD	10288392	0.47	100	345X215X115	5
PCS160-24PI00/DSG1/CMD	10286671	0.70	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 61 547 Equipment for general lighting purposes EMC immunity requirements

Quality management certified according to ISO 9001

BAG electronics (India) Pvt. Ltd.

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