

item number / CE.DR24-100

This product for the LED driver , the product operational factors is the constant voltage model.
Output: 24VDC 4.16A(CV) 100W
IP Grade: IP20

Application

Residential, commercial indoor areas

Specification

BRAND : CERIAN

Cerian quality 24VDC LED Driver



Technical Specification

Item	Technical Norm
Max.Output Wattage	100W
Rated input voltage	220-240VAC
Frequency(Hz)	50 / 60Hz
Power Factor	0.9 @ Full Load,220-240VAC
Current	0.7A MAX.@ Full Load 220-240VAC
Start-up time	<1S for ERP @ Full Load
Unload Power Consumption	≤0.5W
Unload voltage	25.2VDC MAX.
Load Voltage range	22.8-25.2V
Constant Voltage	24V
Voltage Regulation	≤5% @ Full Load
Hold-up Time	NA
Efficiency in full load	≥87.69% @ Full Load,220-240VAC
Ripple	<400mVp-p @ Full Load,220-240VAC
Dimmable or not	NA
Dimming model	NA
Dimming current range	NA
Overload Protection	Protection type:Auto Restore

Product features

High voltage input

Operating temperature range -20℃~+40℃

Have OCP、OPP protection function

3 Years Warranty

Long life capacitors

100% full load, AU 2pin 1200MM black cable

Protection	Over Voltage Protection	Protection type:Auto Restore
	Short circuit Protection	Protection type:Auto Restore
	Over Temperature protection	Protection type:Auto Restore
Hi-pot	Input-Output(V.AC)	3000V / 5mA / 1min
	Input-FG(V.AC)	NA
	Output-FG(V.AC)	NA
	Leakage Current	<0.5mA (240VAC)
Isolation resistance	Input-Output(V.AC)	≥10MΩ @ 500VDC
	Input-FG(V.AC)	NA
	Output-FG(V.AC)	NA
Environment/ Life span	Operating Temperature	-20℃...40℃
	tc	85℃
	Storage Temperature	-40℃...80℃
	Humidity	20%-90%RH
	Life time	>30,000h@40℃
Safety&EMC	HSF requirement	RoHS
	Approval	CE,RCM
	Safety standards	EN61347-1;EN61347-2-13;EN60598-1;EN60598-2-6 AS/NZS 61347-1
	EMI	EN55015; EN61000-3-2 Class C EN61000-3-3
	EMS	EN61547; EN61000-4-2-4KV;Performance Criteria B EN61000-4-5-1000V;Performance Criteria C
Note	All parameters NOT specially mentioned are measured at rated input or max rated input, and 25℃ of ambient temperature	

Product diagram

Unit:mm



