



# T1C12400300-20F

## SPECIFICATIONS



- Leading & Trailing Edge Triac dimable
- Constant current LED Driver
- Flicker free, O/P Ripple Current < 10%
- Dimming level 10% to 100%
- Output Wattage 20W
- Output Current: 300mA ±7%
- Output voltage range of 50-60VDC
- Surge Immunity - 1KV
- Application
  - LED indoor lighting
  - LED architectural lighting

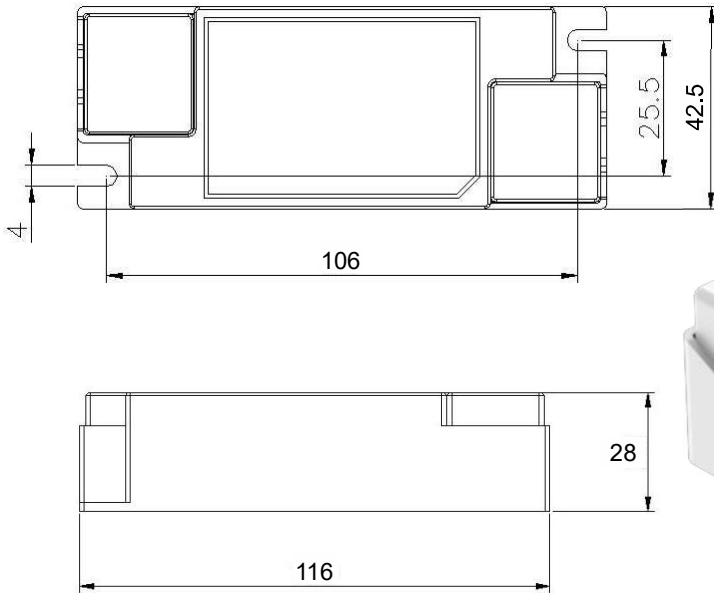
### General Specifications

Rated Input Voltage	220-240/240/230VAC, 50/60Hz
Operating Input Voltage Range	198-264VAC, 50/60Hz
Input Current	0.16 A Max.
Input Power	25W Max.
Power Factor	>0.95 @ 230Vac Full Load
THD	< 25% @ 230Vac Full Load
Efficiency	>83%
Driver Type	Constant Current
Output Current	300mA ±7%
Output Voltage Range	50-60VDC
Output Power	20W
Number of Output Channels	1 Channel
Dimming Controller Type/Dimming Range	Triac, Leading Edge & Trailing Edge Dimming
RFI/EMI	CE
Output Type	Class II
Ambient Operating Temperature Range	-10°C to 50°C
Max. Case Temperature	80°C
Sound Rating	NA
Input Surge Protection	Line-Neutral 1kV
Protections	Input Over Current : NON-Resettable Input Over Voltage : NA Input Under Voltage : NA Output Short Circuit : Auto recovery Output Open Circuit : Auto recovery Output Overload : YES Over Temperature : NA
Service Life	30,000 hours @ Tc Max
Approvals / Class	Dry Locations
Warranty	3 Years
Weight	0.092Kg

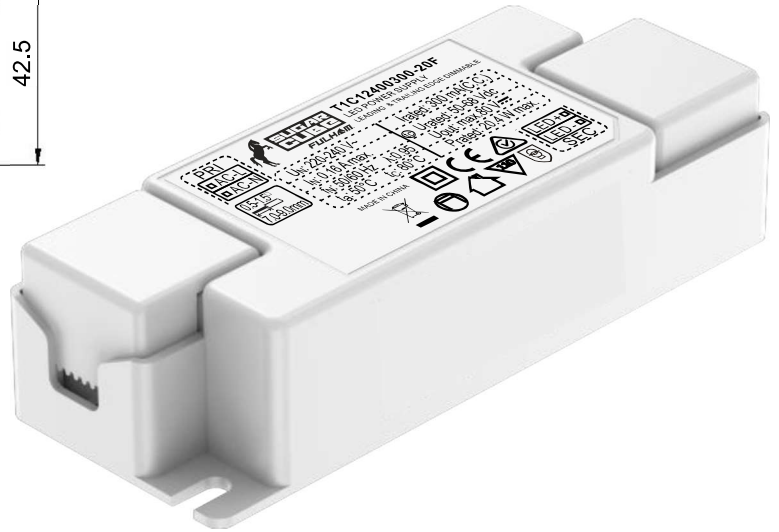
**Note** - Ripple & Noise are measured at 20MHz of bandwidth by using a 300mm twisted pair-wire terminated with a 0.1uF & 47 uF parallel capacitor.

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### Mechanical Data



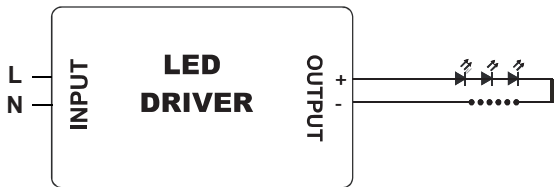
### Product Image



Note : All Dimensions are in mm.

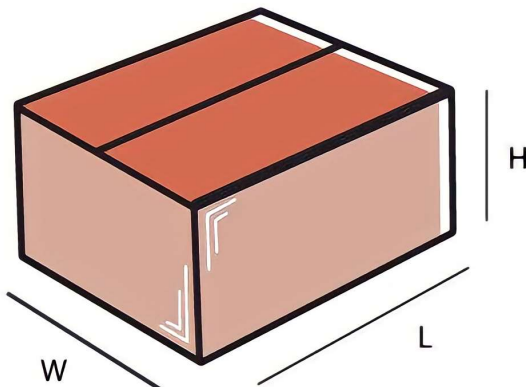
Tolerance=±0.5mm

### Wiring Diagrams



	Specification item	Value ( Unit )
Input	Input wire cross-section	0.75...1.5mm <sup>2</sup>
	Input wire gauge.	16...20AWG
	Input wire strip length	7...9mm
Output	Output wire cross-section	0.5...1.5mm <sup>2</sup>
	Output wire gauge.	16...20AWG
	Output wire strip length	7...9mm

### Packaging



#### Master carton

OUTER DIMENSION		
L	W	H
390mm	290mm	230mm
Net Weight	Gross Weight	QUANTITY
8.25 kg	8.75 kg	90 pc.

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