

Non-isolated DC-DC Converter

Compact Size, Full-load Efficiency > 90%

Die Cast Housing & Epoxy Resin Sealing, Waterproof

Low Cost & Long Life Circuit Design

Customize Solution Available



CPT/Fulree is a low cost series designed for common usage in low voltage range (3-56VDC). It is a cost effective solution for GPS, LED lights, phones & pads etc.

Can add USB or other DC plug for output

Customize solution available with CPT/Fulree Series:
input and output voltage between 5VDC ~ 56VDC
Output power < 50W



Input Characteristic	Output Characteristic
-----------------------------	------------------------------

Default Input Voltage Range* :

- CPT:
- 12V = 8-20VDC
- 12/24V = 8~35VDC

- Full-load Efficiency: 90-94%***
- Ripple p-p: 1% of output voltage (MAX)
- Load Regulation: 1.5%
- Max Non-load Consumption: 0.5% of full-load power
- Over-load Point: +10% of rated output current
(over-load will damage this converter)
- Short-circuit Protection: yes

Input Reverse Protection:
CPT NOT implemented by default **

Other info

- Allowed Case Temperature: -10°C ~ 75°C
- Storage Temperature: -20°C ~ 80°C
- Storage Humidity: 20-90%
- Weight: 110-120g

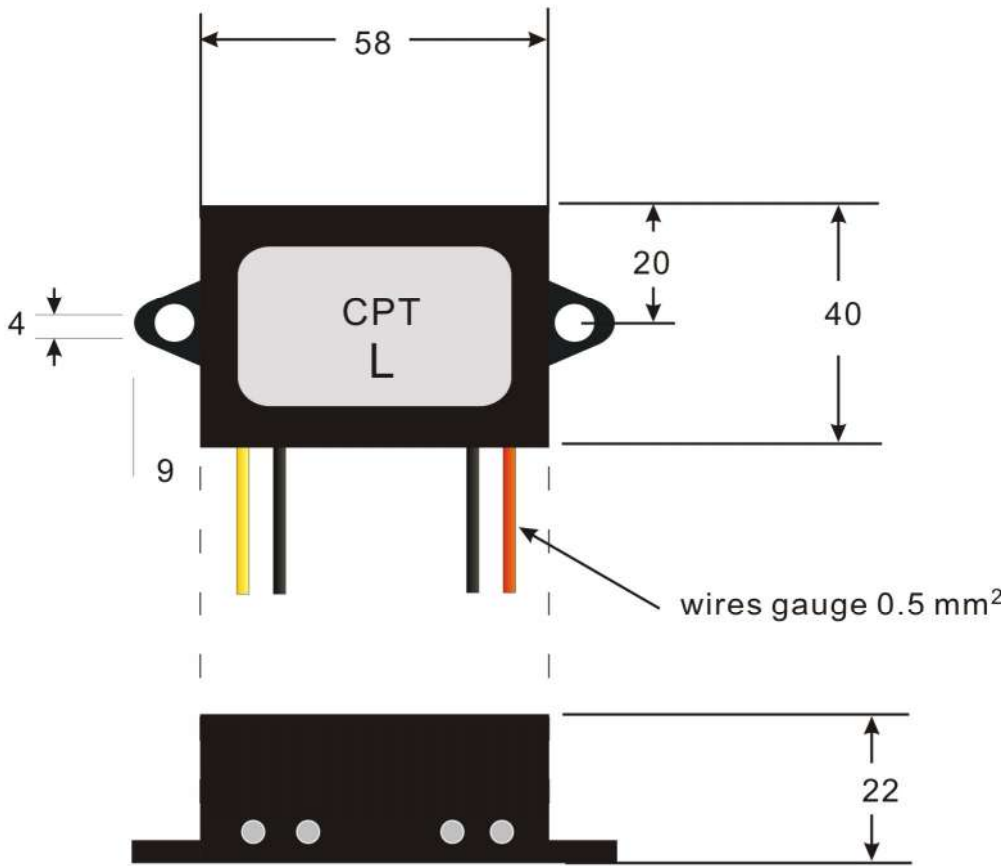
* Input range can be customized, the range listed is for standard types. Input range is not always the same for different models
 ** Can implement in customize products
 *** Not every model can achieve 94% efficiency.

There are too many types to be listed on this page. Please contact us: sales@current-logic.com for the input/ouput you need

Example:

Input: 12/24V (8~35VDC)	Output: 5V	Output Power: 3A	CPT 240503
Input: 12/2V (8~35VDC)	Output: 6V	Output Power: 7A	CPT240607

Dimensions:



Unit: mm

NOTE: Because the case was not produced by us. The size may change slightly by case manufactures. If you need exactly the same size, please contact before ordering.