

[Nova M3 CVT310](#) EO Convertor Specifications

V2.0 2013-6-21

1. Functions



CVT310 is Nova EO converter device. It has the following characteristics:

- 1) 1 cable interface, 1 fiber interface;
- 2) 100~240V AC 50/60HZ power supply;
- 3) Use multi-mode dual-core optical fiber with LC interface, the transmission distance is 300M;
- 4) No driver required, immediately use after connection;

2. Dimensions and positioning

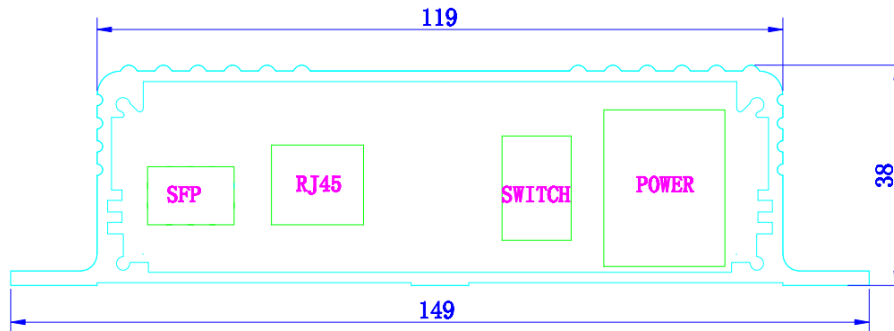


Fig. 1 CVT310 external dimensions

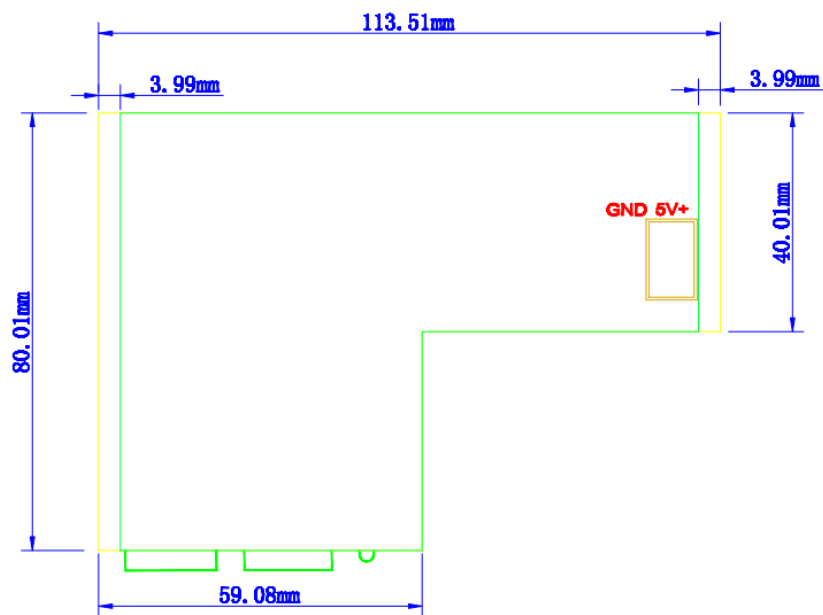


Fig. 2 CVT310 internal dimensions

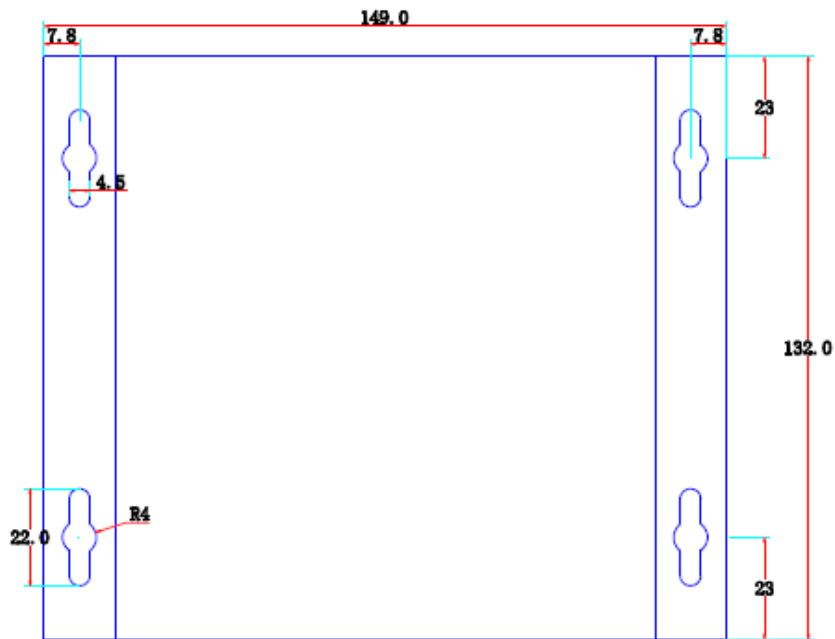


Fig. 3 CVT310 positioning

3. The LED indicator status

LED Indicator	Instruction
POWER	Power Indicator
FX/ACT	When optical fiber communications between two CVT310 are normal, the indicators at two sides are on; when there are communications problems between optical fibers, only one indicator is on or two indicators are off.
TP/ACT	When network cable communications from sending card to CVT310 or from CVT310 to receiving card are normal, this indicator is on continuously, or else it is off.
DATA	Only when both FX/ACT and TP/ACT indicators are on continuously, DATA indicator close to CVT310 at the end of the receiving card rapidly flashes, or else it doesn't flash.

4. Working conditions

AC	INPUT	Rated voltage (V)	220	Maximum	240	Minimum	100
		Rated current (A)	Maximum		0.7		
DC	OUTPUT	Rated voltage (V)	5				
		Rated current (A)	5				