

miniIBT motor drive module



ELECTRICAL SPECIFICATIONS :

Model: miniIBT

Input voltage : 12V-48V

Rated Current : 5A

Input level : 5V

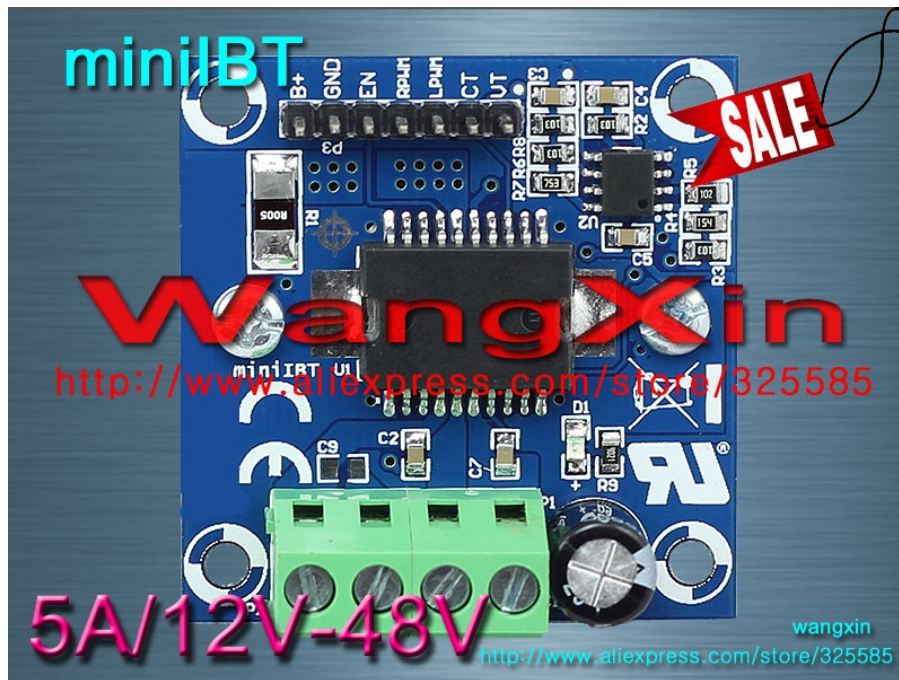
Control mode : PWM or level

Duty cycle : 0-100%

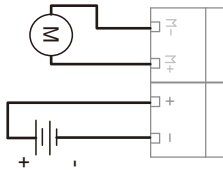
Voltage conditioning output : 30V output 3.529V

Current conditioning output : 5A output 3.775V

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Electrical and Power Port



Input Port



- B+ : Power supply output voltage equal to the power connector
- GND : The signal public places end
- EN : Driver enable input, enable high level, low level close
- RPWM : Forward PWM signal input, active high
- LPWM : Reversion PWM signal input, active high
- CT : Current signal conditioning output
- VT : Voltage signal conditioning output

Forward EN = 1 , RPWM = PWM , LPWM = 0

Reversion EN = 1 , RPWM = 0 , LPWM = PWM

Brake EN = 1 , RPWM = 0 , LPWM = 0

Not brake EN = 0 , RPWM = X , LPWM = X

Note: 1=High level(3.3V-5V) , 0=Low level(0V or GND)

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Mounting dimensions

