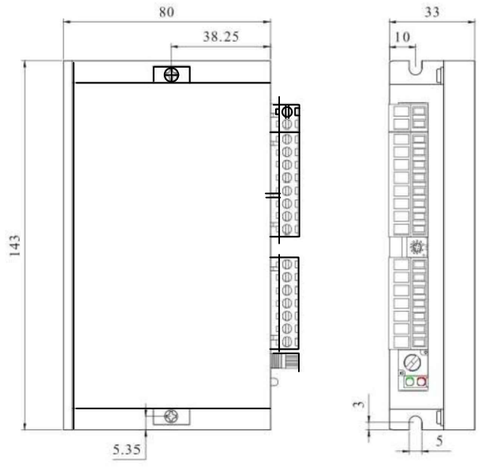

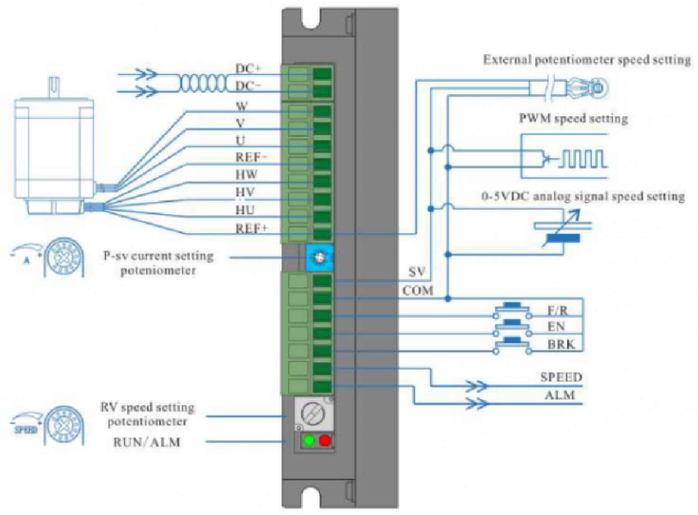

Control signal

BRK: Motor brake stop control signal; BRK and COM connect in default, motor brake stops when BRK and COM disconnect.
EN: Stop signal terminal;EN connects COM, motor runs, otherwise motor stops.
F/R:Motor direction control terminal; F/R and COM disconnect, motor will rotates clockwise, and otherwise, motor will rotate anticlockwise.
COM: Common port(GND)

SV
① External potentiometer speed setting input;
② External analog voltage input terminal
③ PWM speed setting input

Hall signal
REF+ Hall sensor signal power supply+
HU Hall sensor signal Hu
HV Hall sensor signal Hv
HW Hall sensor signal Hw
REF- Hall sensor signal-

Motor connection
W Motor line W phase
V Motor line V phase
V Motor line U phase

Powerconnection
DC+ Power supply positive electrode (18-50VDC)
DC- Power supply negative electrode (Hall sensor negative electrode)

Outputsignal
SPEED Outputpulse frequency corresponded with running speed. Speedcan be figured out according:
N(rpm)= (F/P)×60/3
F:Output pulse frequency P: Motor pole pairs N: Motor speed
For example: Motor has 4 pole pairs,
F=1sec/2ms=500Hz
N(rpm)=(500/4)×60/3=2500

ALM: Motor or driver fault signal output. It is 5v in normal situation and 0V when faultoccurs.