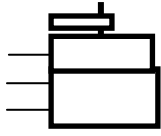


KU123 12Mosfets High Speed Brushless Motor Controllor Diagram

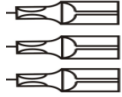


Power wire (3P Plug)

Red :Power Anodic; Black:Cathodal; Red(small wire):power key on/off lock

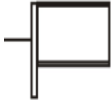
Connect Red to Red(small wire): power on.

Disconnect Red to Red(small wire): power off.



Motor wire(3*Φ4 bullet holes)

Yellow:Phase A; Green: Phase B; Blue: Phase C



Motor hall sensor wire(6P Plug)

Red :5V; Black:GND; Yellow:Hall phase A;Green:Hall phase B;Blue: hall phase C



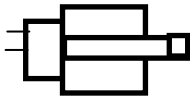
1+1 Pedal assisted wire (3P SM Plug)

Red :5V; Black: GND; Green: signal



Throttle wire (3P Plug)

Orange: 5V; Black: GND; Green: signal



Low voltage brake wire (2P Plug)

Yellow: signal; Blue: GND



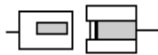
3-speed switch kit (3P Plug)

Green, Black, Blue



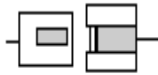
High voltage brake wire (2P Plug)

Blue: signal



Speed limited wire: a pair of SM plug(white wire)

Plug in: Speed limited; Disconnect: Speed unlimited



Cruise wire:a pair of SM plug(blue wire)

Connected: Cruise; Disconnected: no Cruise