

## BLDC MOTOR CONTROLLER BC230



**BC**

BLDC CONTROLLER

**230 A**

230VA A = AC  
C D = DC

**100**

100 = 100W

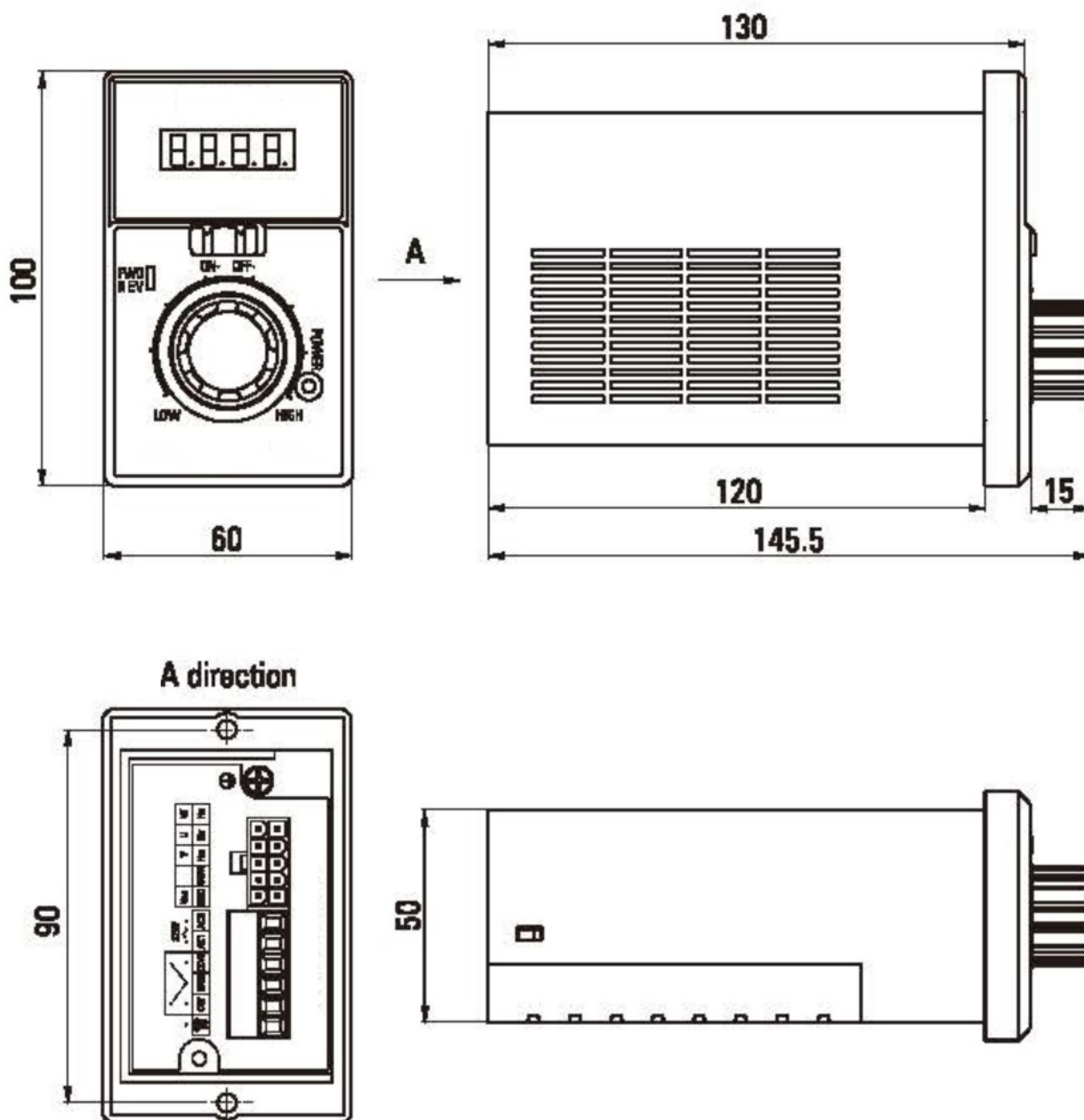
**V1**

OPTIONS

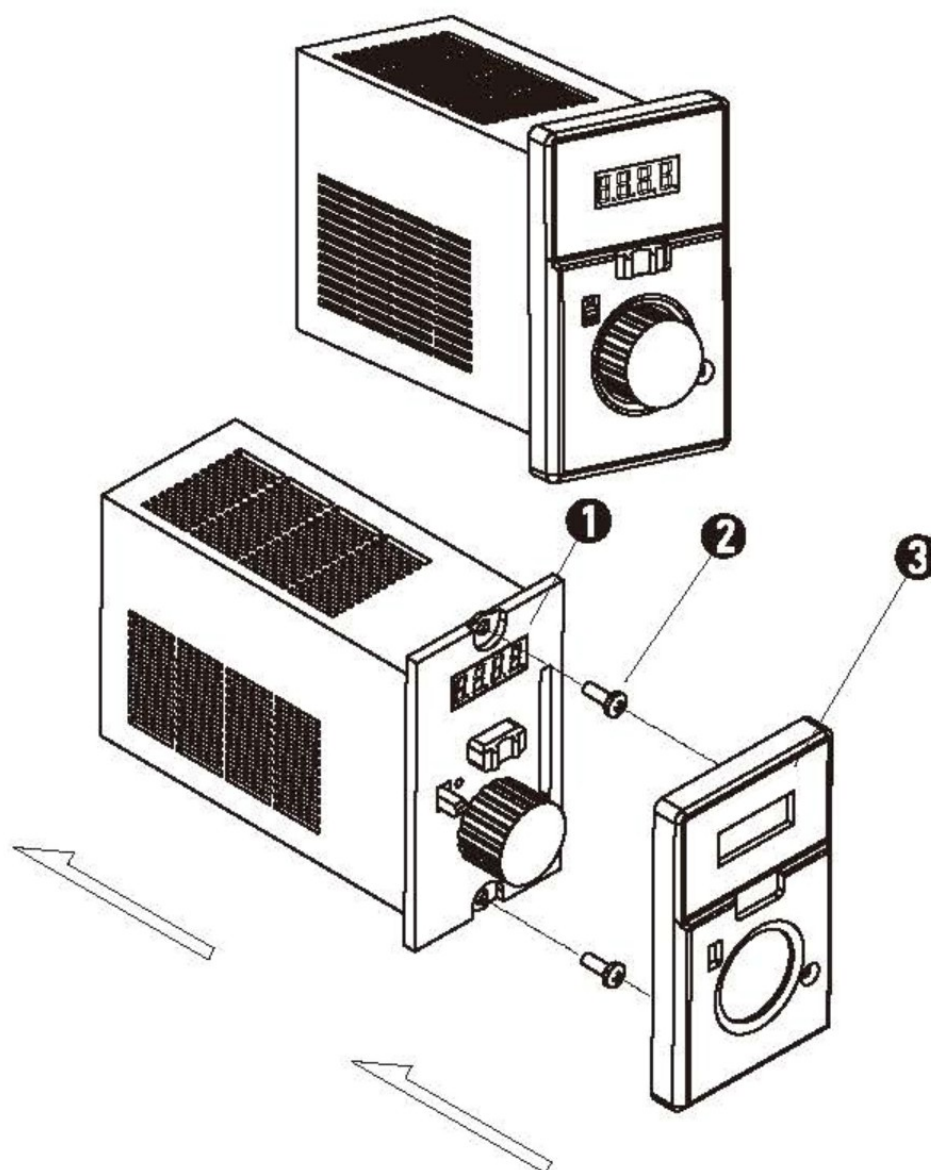
Manual Front Panel Operation or RS485 Industrial Bus Control

Speed and Acceleration Adjustmenst, Accelereation time ( 0.1 - 1.0 seconds )

# Dimensions

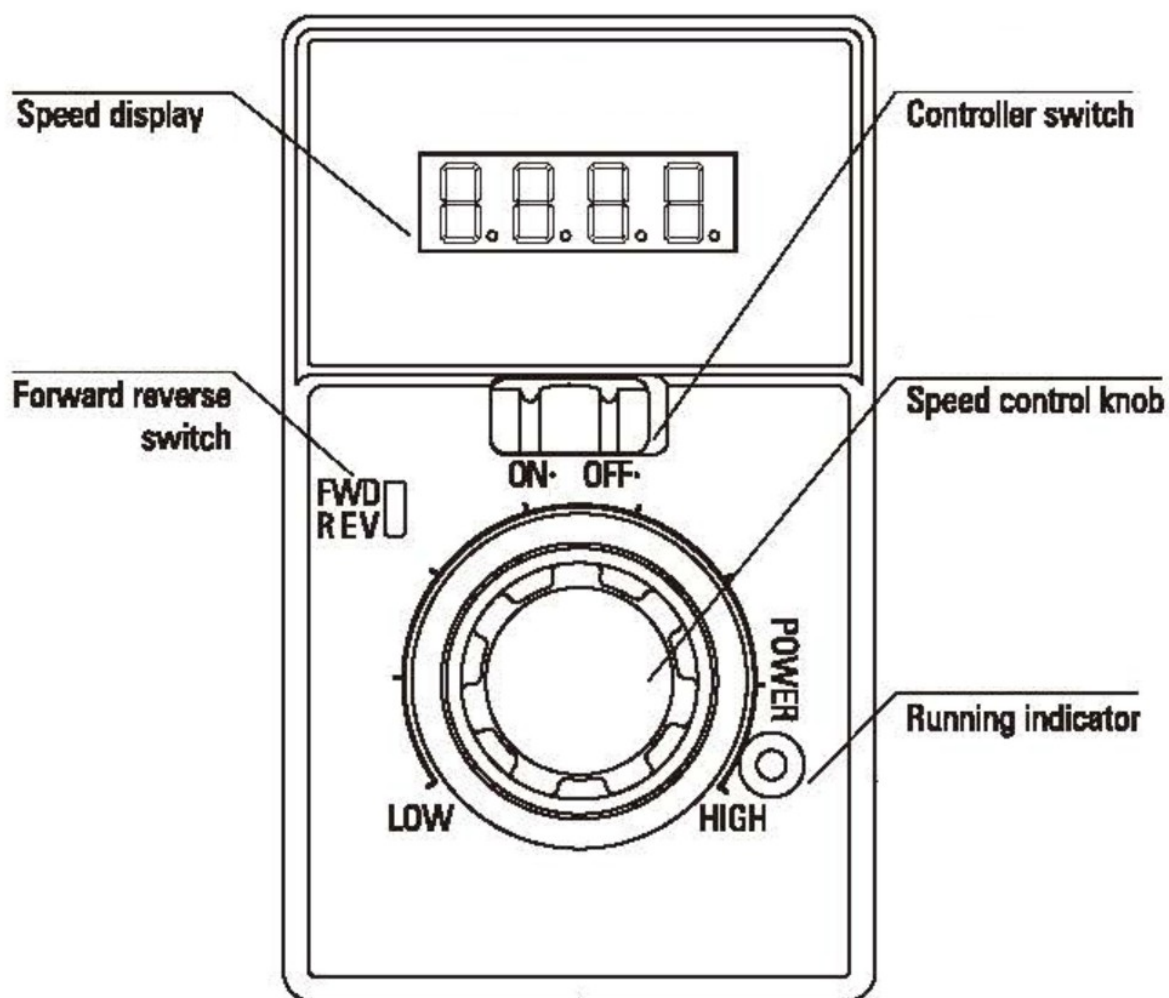


# INSTALLATION

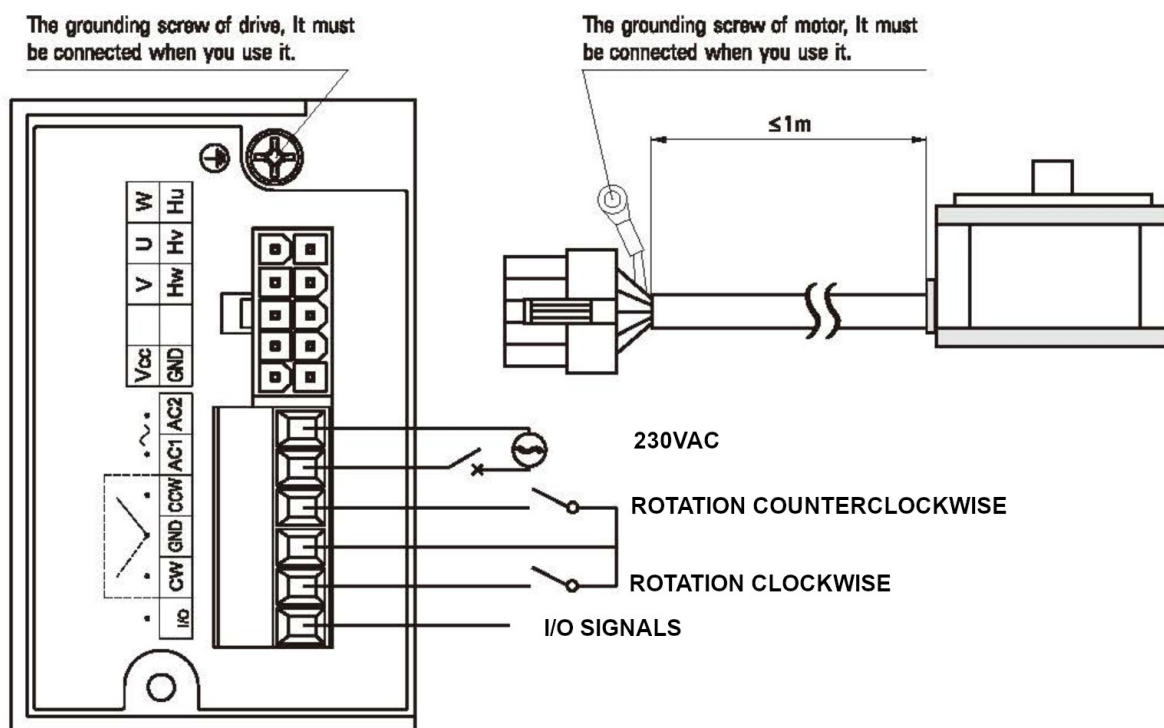


1. Open Panel
2. Insert drive body in 1 fixed position
3. Fix M4 screw 2 fixed connection
4. Place the panel 3 button in place

# FRONT PANEL



# CONNECTION SCHEMATICS



## Power Supply Connector

AC1	U 230VAC Phase
AC2	N 230VAC Neutral
I/O	External Analog Signal
CW	Motor Rotation Direction
GND	Motor Clockwise
GND	Motor Counter Clockwise

## Motor Connector

U	Motor Phase U ( yellow )
V	Motor Phase V ( green )
W	Motor Phase W ( blue )
Hu	Hall A Phase ( yellow thin wire)
Hv	Hall V Phase ( green thin wire)
Hw	Hall W Phase ( blue thin wire)
GND	Hall Ground ( white thin wire)
Shield	Shield ( Silver )

# ERROR TROUBLESHOOTING

Display Error	Solution
ERR1 Short Circuit	Check Motor Wires for Short Circuit
ERR2 Hall Error	Check motor connection
ERR3 Current Error	Do not overload motor, unlock motor
ERR4 Voltage Error	Check Input Voltage
ERR5 Director Error	Check Motor Direction Signal for Short Circuit
ERR6 Overheat	Check Drive Cooling
ERR7 System Error	Internal System Error

Try to eliminate the error, than turn off the power supply,  
and turn on back again, if error persist, please contact us.