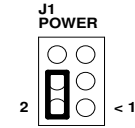
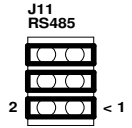


Motion Mind RS485 Bus Example



(POWER JUMPER SETTINGS PCB VIEW FOR ALL SIB UNITS)

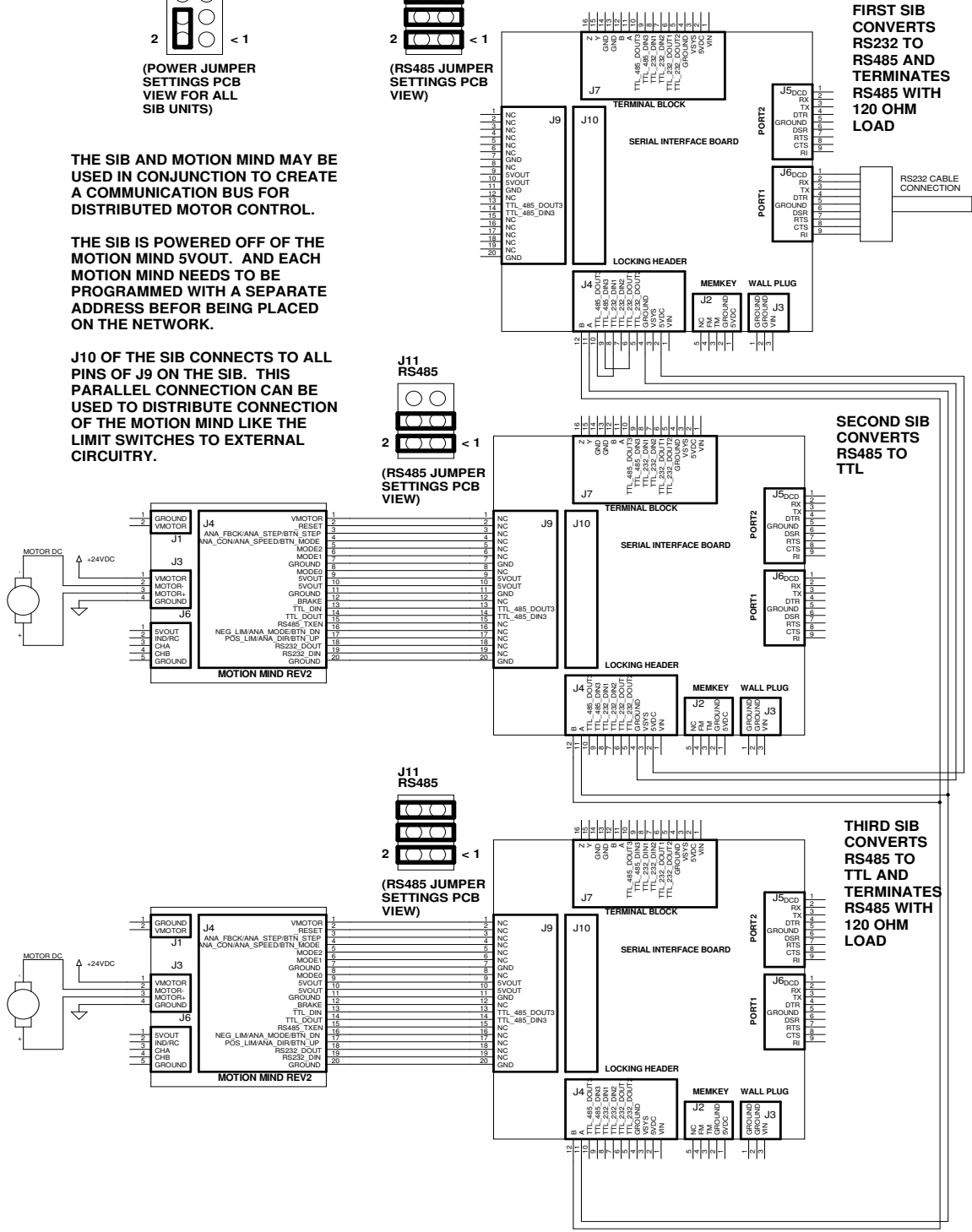


(RS485 JUMPER SETTINGS PCB VIEW)

THE SIB AND MOTION MIND MAY BE USED IN CONJUNCTION TO CREATE A COMMUNICATION BUS FOR DISTRIBUTED MOTOR CONTROL.

THE SIB IS POWERED OFF OF THE MOTION MIND 5VOUT. AND EACH MOTION MIND NEEDS TO BE PROGRAMMED WITH A SEPARATE ADDRESS BEFORE BEING PLACED ON THE NETWORK.

J10 OF THE SIB CONNECTS TO ALL PINS OF J9 ON THE SIB. THIS PARALLEL CONNECTION CAN BE USED TO DISTRIBUTE CONNECTION OF THE MOTION MIND LIKE THE LIMIT SWITCHES TO EXTERNAL CIRCUITRY.



FIRST SIB CONVERTS RS232 TO RS485 AND TERMINATES RS485 WITH 120 OHM LOAD

SECOND SIB CONVERTS RS485 TO TTL

THIRD SIB CONVERTS RS485 TO TTL AND TERMINATES RS485 WITH 120 OHM LOAD