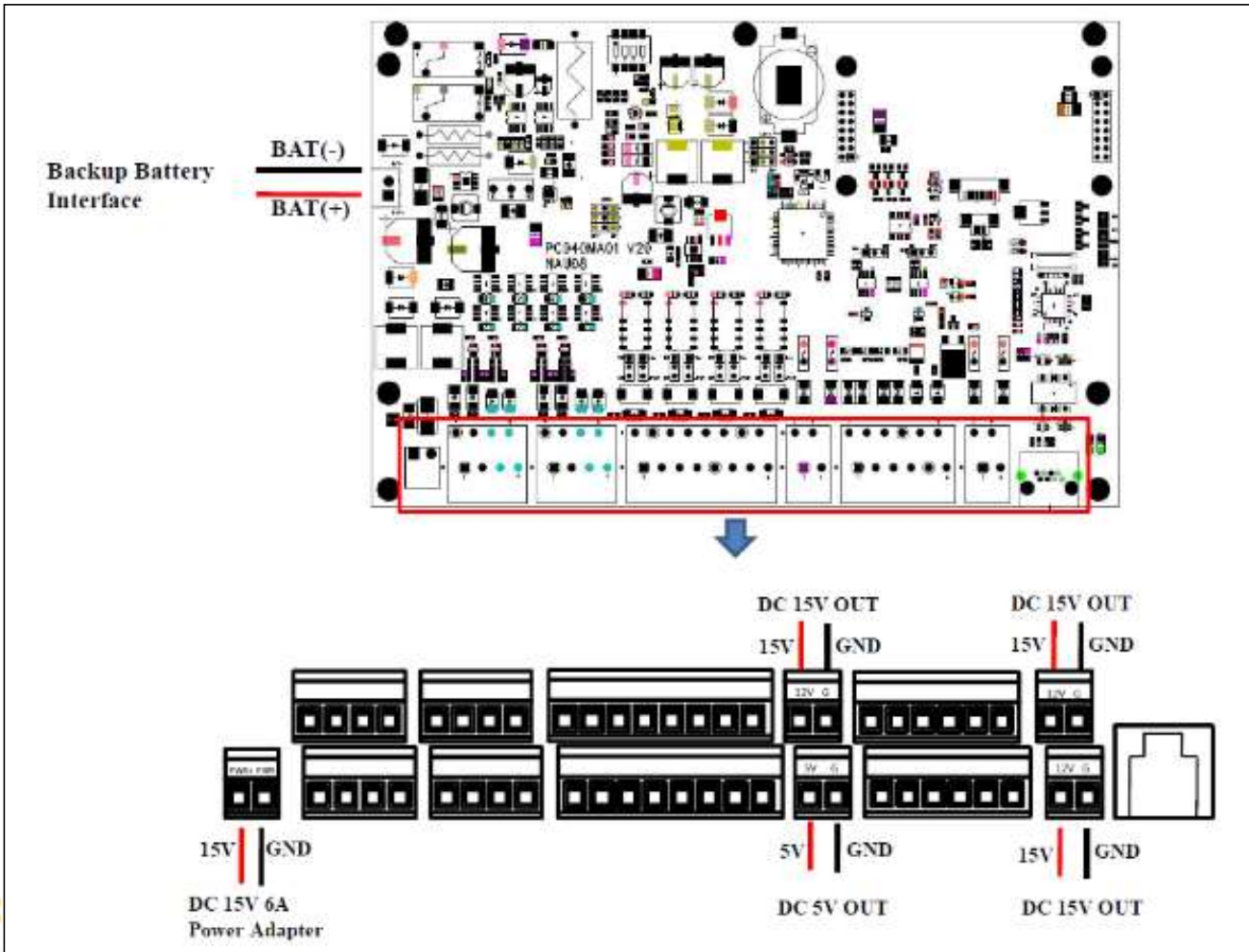**Biometric Technology Provider**

How to Connect MCP040(V2.0) with AC terminals via RS485

ACCESS CONTROL
TIME ATTENDANCE
MANAGEMENT
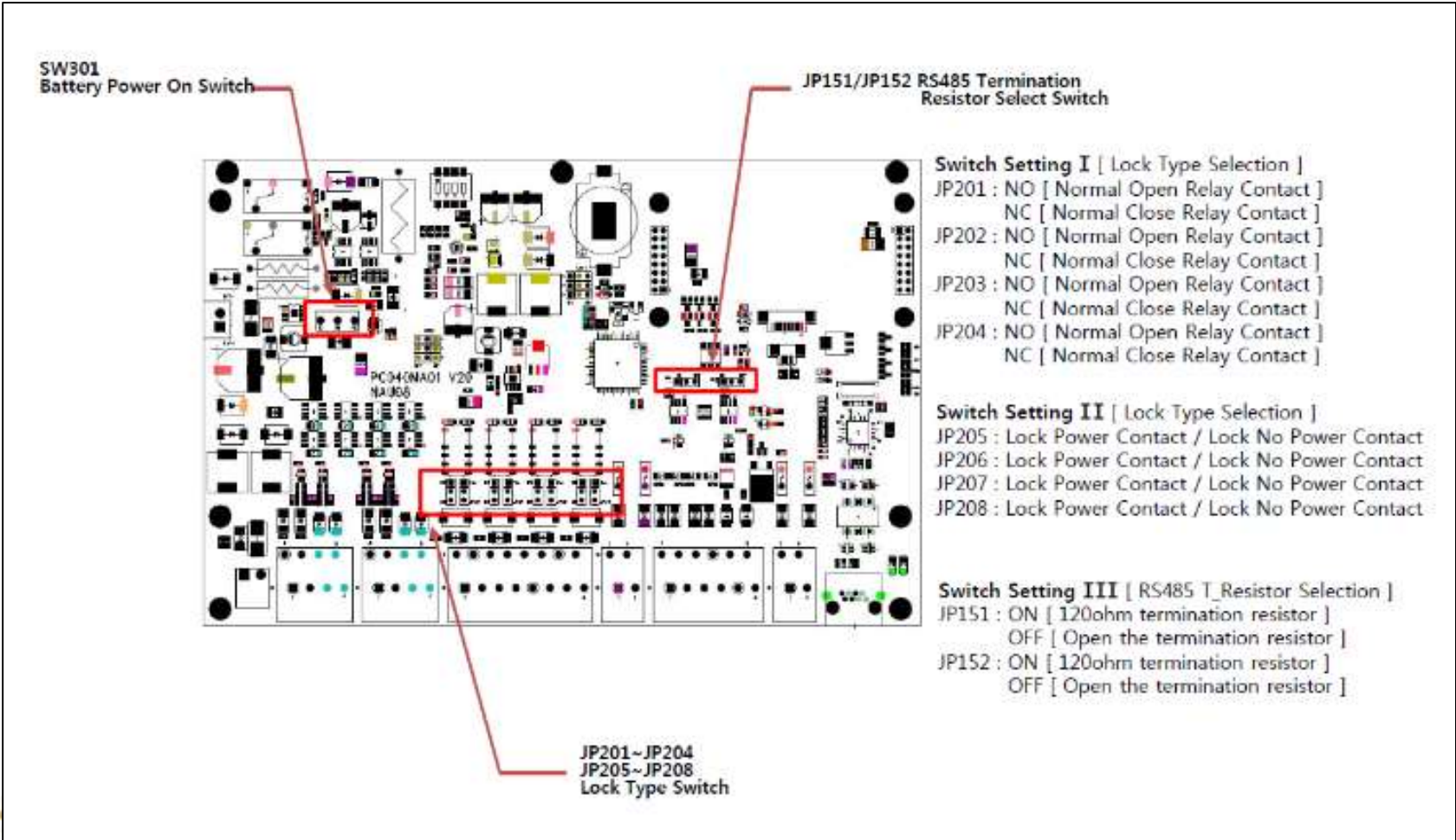SOLUTIONS

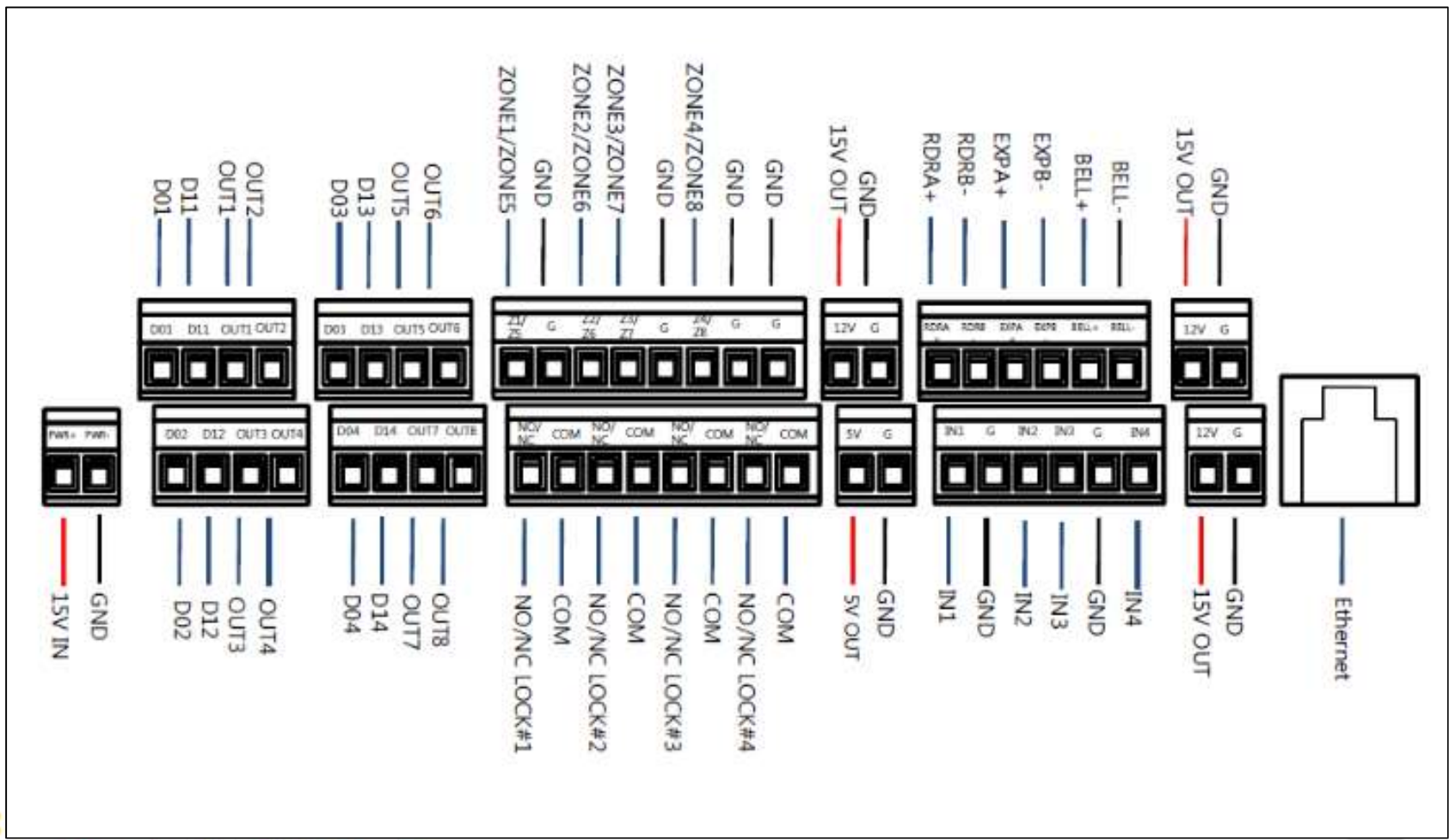# Power Connector Connection

Mainboard Feature

SW301
Battery Power On Switch

JP151/JP152 RS485 Termination
Resistor Select Switch

Switch Setting I [Lock Type Selection]
JP201 : NO [Normal Open Relay Contact]
          NC [Normal Close Relay Contact]
JP202 : NO [Normal Open Relay Contact]
          NC [Normal Close Relay Contact]
JP203 : NO [Normal Open Relay Contact]
          NC [Normal Close Relay Contact]
JP204 : NO [Normal Open Relay Contact]
          NC [Normal Close Relay Contact]

Switch Setting II [Lock Type Selection]
JP205 : Lock Power Contact / Lock No Power Contact
JP206 : Lock Power Contact / Lock No Power Contact
JP207 : Lock Power Contact / Lock No Power Contact
JP208 : Lock Power Contact / Lock No Power Contact

Switch Setting III [RS485 T_Resistor Selection]
JP151 : ON [120ohm termination resistor]
          OFF [Open the termination resistor]
JP152 : ON [120ohm termination resistor]
          OFF [Open the termination resistor]

JP201~JP204
JP205~JP208
Lock Type Switch

Connection of Wires in Terminal Blocks

Installation Guide for connecting MCP040 with AC2100 via RS485