Example communication wiring diagram

Watlow Series ST with B&B electronics
Model 485SD9TB
RS232 to RS-485 Adapter

DB9 RS232 Port

PC Software Protocol - Modbus RTU

Data format
8 data bits
no parity
1 start bit
1 stop bit

485SD9TB
Wall Adapter
485PS2

Use twisted pair wires such as Cat 5 cabling. Do not route with power carrying conductors. Daisy chain wire up to 32 devices.

Example communication wiring diagram

Drawing 04/02/2015
components subject to change