EZ-ZONE® ST
to Serial Gear Converter
Model USB-COMi-M

WATLOW

Limit   SSR
         Status
Out 3   Out 2

98
99
CF
CD
CE

Screw terminal connector pin-out:
1 is Data –(A), connects to pin CD or CA
2 is Data +(B), connects to pin CE or CB
6 is GND, connects to pin CF or CC

DB9 connector, EIA485 half duplex pin-out:
1 is Data –(A), connects to pin CD or CA
2 is Data +(B), connects to pin CE or CB
5 is GND, connects to pin CF or CC

DB9 connector, EIA232 pin-out:
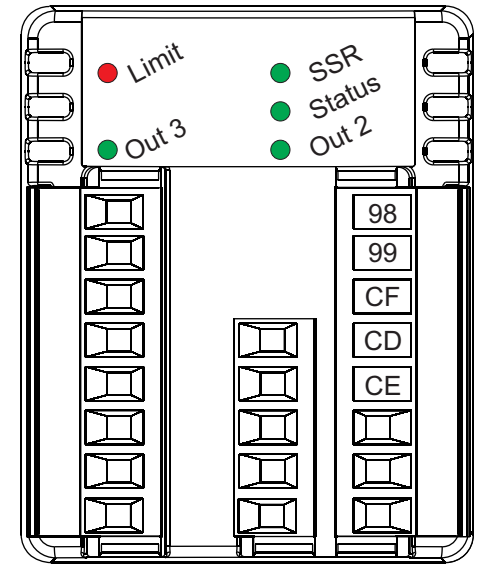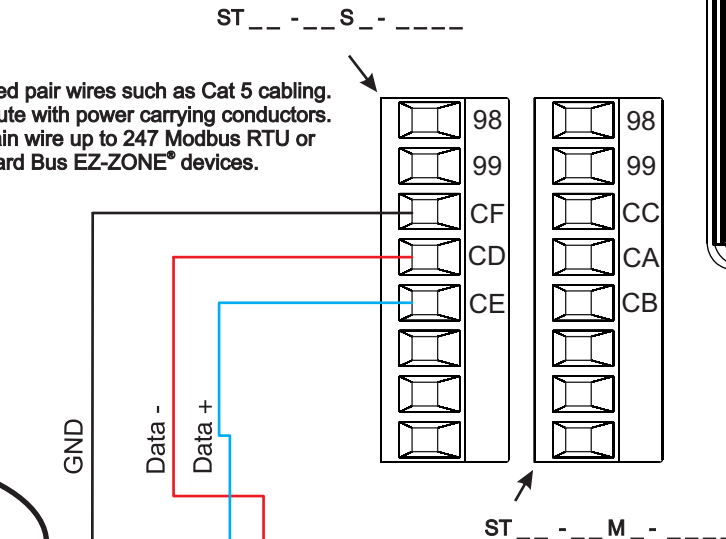1 is DCD
2 is RXD
3 is TXD
4 is DTR
5 is Gnd
6 is DSR
7 is RTS
8 is CTS
9 is RI

Watlow
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Winona, MN 55987
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2010 Watlow Electric Manufacturing Company
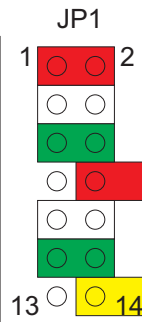
ST _ _ - _ _ S _ - _ _ _ _

Use twisted pair wires such as Cat 5 cabling.
Do not route with power carrying conductors.
Daisy chain wire up to 247 Modbus RTU or
16 Standard Bus EZ-ZONE® devices.

98   98
99   99
CF   CC
CD   CA
CE   CB

ST _ _ - _ _ M _ - _ _ _ _

http://serialgear.com/1-Port-Serial-USB-USB-COMi-M.html

GND   Data -   Data +

USB
6 5 4 3 2 1

PWR
RxD
TxD

USB-COMi-M

SerialGear

SW   Serial

Internal Jumpers →

If first device on 485 network, set jumpers as shown

JP1

1 - 2	Tx termination 120 ohm
3 - 4	Tx pull-up 750 ohm
5 - 6	Tx pull-down 750 ohm
7 - 8	Rx termination 120 (422)
9 - 10	Rx pull-up 750 ohm
11 - 12	Rx pull-down 750 ohm
13 - 14	CTS termination 120 (422)

ON
1 2 3 4

DB9

Mode	1	2	3	4
485	ON	OFF	OFF	OFF
232	OFF	ON	ON	ON

RGH 04-02-2015