EZ-ZONE® PM or RUI to Serial Gear Converter Model USB-COMi-M

WATLOW

Connector functions and labels

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
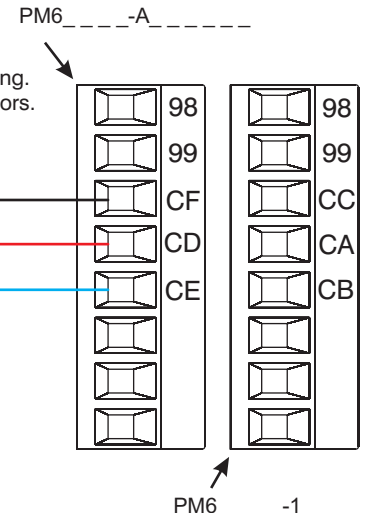
DB9 connector, EIA485 half duplex pin-out:

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

Watlow
1241 Bundy Blvd
Winona, MN 55987
Telephone (507) 494-5656
2010 Watlow Electric Manufacturing Company

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

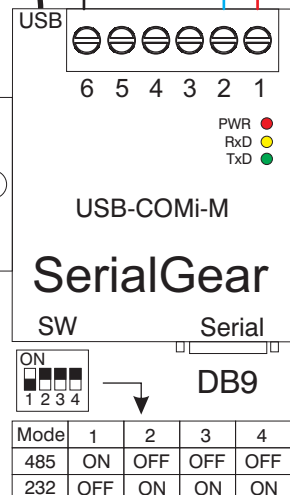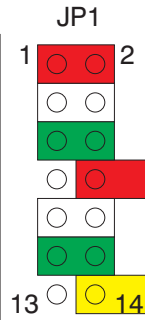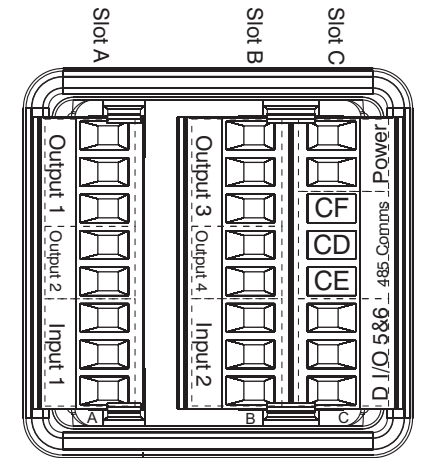PM6_ _ _ _-A_ _ _ _ _ _

PM6_ _ _ _-1_ _ _ _ _ _

98 / 99 / CF / CD / CE

98 / 99 / CC / CA / CB

GND / Data − / Data +

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

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

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)

JP1
1 ... 2
13 ... 14

ON
1 2 3 4

DB9

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

Slot A / Slot B / Slot C

Output 1 | Output 2 | Output 3 | Output 4 | Power

485 Comms

Input 1 | Input 2

D I/O 5&6

CF / CD / CE

A   B   C

RGH 04-02-2015