

# Cummins Protonode



Modbus/Power connections

ProtoNode Pin #	Pin assignment
Pin 1	RS-485 +
Pin 2	RS-485 -
Pin 3	RS-485 GND
Pin 4	V +
Pin 5	V -
Pin 6	FRAME GND



### DIP Switch Settings

Address	A0	A1	A2	A3	A4	A5	A6
1	On	Off	Off	Off	Off	Off	Off

  

Baud	A7	B0	B1
9600	Off	Off	Off
19200*	On	Off	Off
38400	Off	On	Off
57600	On	On	Off
76800	Off	Off	On
115200	On	Off	On

Generac Gateway Side Termination	Description	Wire Color	Customer Side Terminations
TB1 V+	DC+	Red	Pin 4*
TB1 V-	DC-	Black	Pin 5*
TB1 A	Data +	Orange/White	Pin 1
TB1 B	Data -	White/Orange	Pin 2
TB1 GND	Data GND	White/Blue	Pin 3
Harness Relay #1	COM	Blue	2 Wire Start**
	N/O	White / Blue	2 Wire Start**

Expected Comm Settings:

Address: 1  
 Baud Rate: 19200  
 Template 1

\*If MODEM and signal lights turn off and data is lost after gen crank, this can indicate a brief loss of power. To correct, ensure red and black wires are connected directly to the battery posts.

\*\*PCC2100:TB1-1/TB1-20 thru 1-22  
 \*\*PCC3100:TB1-3(or TB1-4)/TB1-5  
 \*\*PCC3200:TB8-4/TB8-5

