







SI RS485 TCT-T-MB | CALIBRATED CELLS

SENSOR WIRING TABLE

Sensor Model	Manufacturer Cable Colors			Orbit 360		
				Section	Terminal	Type
		Orange	Data - (B)	RS485	34 38 42	B1, B2, B3
		Brown	Data + (A)	RS485	33 37 41	A1, A2, A3
		Red	Vcc (+)	Power Input		
		Black	Vcc (-)	Power Input		(-)

Note: This sensor has to be preconfigured before it is configured in Atlas software.

RS485 DIGITAL OUTPUT:

Parameter	Sensor settings
Baudrate	9600
Data bits	8
Parity	None
Stop bits	1

REQUIRED DATA LOGGER VERSION

Minimum data logger required: **ORBIT 360 PREMIUM**.

Minimum **firmware** required: **2.39**.

HOW TO CONFIGURE IN ATLAS

Start Atlas and open the data logger you are working on. Now go to *Site settings* and scroll down to the *Channels* section and select the following type and model. The variables from the digital output signal can be chosen (or assigned) to either a frequency or an analog channel according to the list here below.

Example:

Serial bus 1 baud rate: 9600bps

Bus: Serial 1 >>> ID: A >>> Sensor model: Si-RS485TCT-T-MB >>> Name: Si485_SERIAL1_A

- Group: Analog channels
- Sensor Type: Serial device
- Sensor Model: **Si485_SERIAL1_A**
 - Sensor Model: **Temperature**
 - Sensor Model: **Global Radiation**

Important! Please make sure you are working with the latest version of Atlas. To check for new updates click the *Check for updates* button in the left-hand menu located in the main dashboard.

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For more information please contact support@kintech-engineering.com
or visit our website www.kintech-engineering.com