

# JUNCTION BOX



## DESCRIPTION:

The Junction Box (BC-01) is an accessory used to connect multiple controllers in an RS-485 network. It can connect controllers on the RS-485 of the converter interfaces (CONV-32, TCP-485 or Sitrad Inbox) to be accessible on Sitrad PRO. Built in with internal protections reduce electrical noises (interference), from electrical motors and power cables.

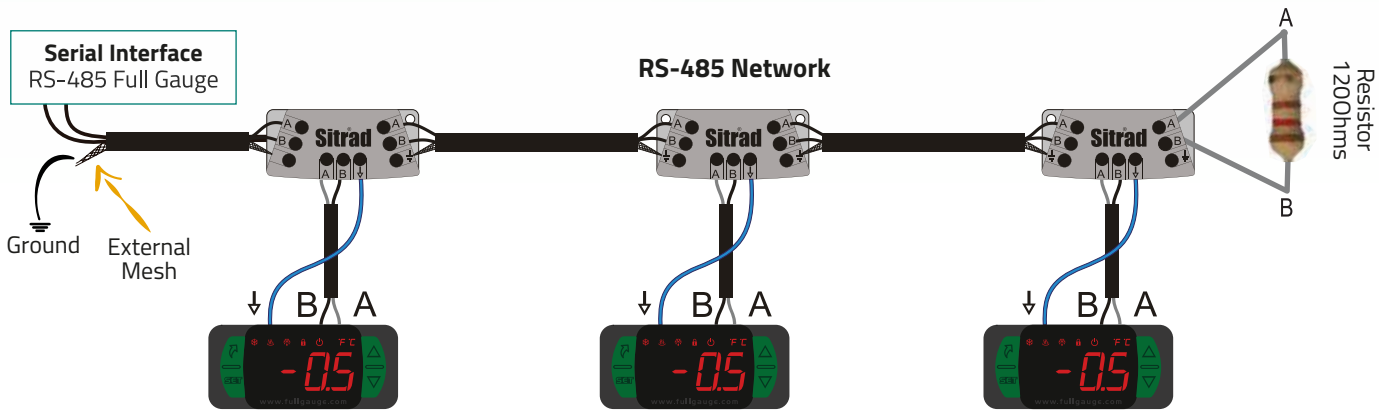
## RECOMMENDATIONS:

The terminal of the Junction Box must be connected to the respective terminals of each controller, as follows:

- Terminal A of the controller is connected to terminal A of the Junction Box, which, in turn, must be connected to Terminal A of the converter interface;
- Repeat the procedure for the B terminals and the ground cable (external mesh);
- A and B Terminals of Junction Box must be connected to the respective A and B Terminals of each controller.

**IMPORTANT:** If the RS-485 is longer than 100m (328ft), add a 120 Ohms resistor between terminals A and B of the last Junction Box.

## INSTALLATION MODE:



Note: The external mesh must be grounded.

## INSTRUMENTS THAT INCLUDE THE JUNCTION BOX:

- |                     |                 |
|---------------------|-----------------|
| ■ MT-512E Log       | ■ RCK-602 Plus  |
| ■ TC-900E Log       | ■ RCK-862 Plus  |
| ■ TC-970E Log + Eco | ■ TC-940Ri Plus |
| ■ PCT-410E Plus     | ■ VX-950 Plus   |
| ■ PCT-3001 Plus     | ■ VX-1025E plus |
|                     | ■ VX-1050E plus |

Note: All the instruments named Log, Plus and Super, available to connect to Sitrad PRO are compatible.



[www.fullgauge.com](http://www.fullgauge.com)  
[comex@fullgauge.com.br](mailto:comex@fullgauge.com.br)