

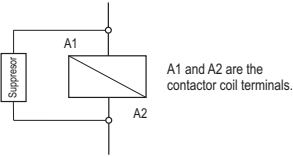
The diagram illustrates the RS-485 Serial Interface connection for Sitrad instruments. At the top left, a computer monitor and tower are shown. A power supply is connected to the tower. A cable connects the computer's RS-485 port to a central interface box. This box also receives power from the power supply. The interface box has two RS-485 Network ports. One port is connected to a 'Distribution Box' (MOD 64) via a cable labeled 'RS-485 Network'. The other port is connected to an 'Instrument' (MOD 64) via a cable labeled 'RS-485 Network'. Both the Distribution Box and the Instrument have terminals for 'A', 'B', and a ground symbol. The Distribution Box is also connected to a 'Full Gauge Control' unit, which has a digital display showing '25.4'. The Full Gauge Control unit is also connected to the 'RS-485 Network' and has a ground symbol. The diagram includes labels for 'Power supply', 'RS-485 Network', 'Distribution Box', 'MOD 64', 'Instrument', 'Full Gauge Control', and 'terminal grounded'.

IMPORTANT

According to the chapters of norm IEC 60364:

- 1: Install protector against overvoltage on the power supply.
- 2: Sensor cables and signal cables of the computer may be joined, but not in the same electric conduit through which the electric input and the activation of the loads run.
- 3: Install transient suppresors (RC filters) parallel to the loads as to increase the product life of the relays.

Schematic for the connection of supresors to contactors



Schematic for the connection of supresors to direct activation loads



ENVIRONMENTAL INFORMATION

Package:
The packages material are 100% recyclable. Just dispose it through specialized recyclers.

Products:
The electro components of Full Gauge controllers can be recycled or reused if it is disassembled for specialized companies.

Disposal:
Do not burn or throw in domestic garbage the controllers which have reached the end-of-life. Observe the respectively law in your region concerning the environmental responsible manner of dispose its devices. In case of any doubts, contact Full Gauge controls for assistance.