Temperature probe
Installation and start-up guide

RVT Power Factor controller can connect up to eight temperature probes in a daisy chain.

Technical specification
- Only 2 contacts using 1-wire protocol
- Parasitic supply mode (no need of external power supply)
- Connection to more nodes in a daisy chain network
- 8 temperature probes connection
- 8 meters maximum between RVT to temperature probe or between probes
- 64 meters maximum length
- Measures temperatures from -55°C to +125°C (-67°F to +257°F)
- +/-0.5°C accuracy from -10°C to +85°C
- DIN rail mounting
- Connection to the RVT using a 2 wires, twisted pair Category 1 telecommunication cable
Temperature probes commissioning

Each probe needs to be commissioned as per the following procedures before it can be used. Each probe has to be recognized one by one:

- connect the probe to the temperature probe input (one probe only)
- click on a row to assign a probe number
- click on the “Start” button
- the RVT recognize automatically the probe address
- restart the same procedure for each probe

When one of the probes has a problem, it can be cleared by clicking the clear button. A unique address will be assigned to each activated probe after the recognition completes.

Temperature probes installation

Connect each probe successively

Mechanical dimensions

Temperature Probes installation

Connect each probe successively

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