



## CSN® CONTROLS

**For all CSN® heaters and heating systems we manufacture perfectly matching process controllers.**

Our specialized performance spectrum includes:

- Switch cabinet construction
- Thyristor- / thyristor - contactor step control
- Contactor step control
- CAD design with Eplan P8 and Pro Panel
- PLC programming Siemens Step 7 / TIA Portal
- System visualization via touch panel
- Functional safety to SIL classification of our plants
- Ex i plant parts
- World wide commissioning

***Please contact us to talk about the appropriate control options.***

CSN® standard contactor controls consist of:

- Enclosure
- Main switch
- Load protection
- Control protection
- Step protection
- Indicator light



In economical heating systems the load is controlled by thyristors, thus ensuring an accurately dosed power supply.

CSN® thyristor controls consist of:

- Enclosure
- Main switch
- Semiconductor fuses
- Contactor
- Solid-state relays in 3-phase economy circuit or Thyristor
- Control switch
- Control protection
- PID controller
- Indicator light

Of course, we also manufacture process controls according to your individual requirements!

**Specialist contact person:**

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