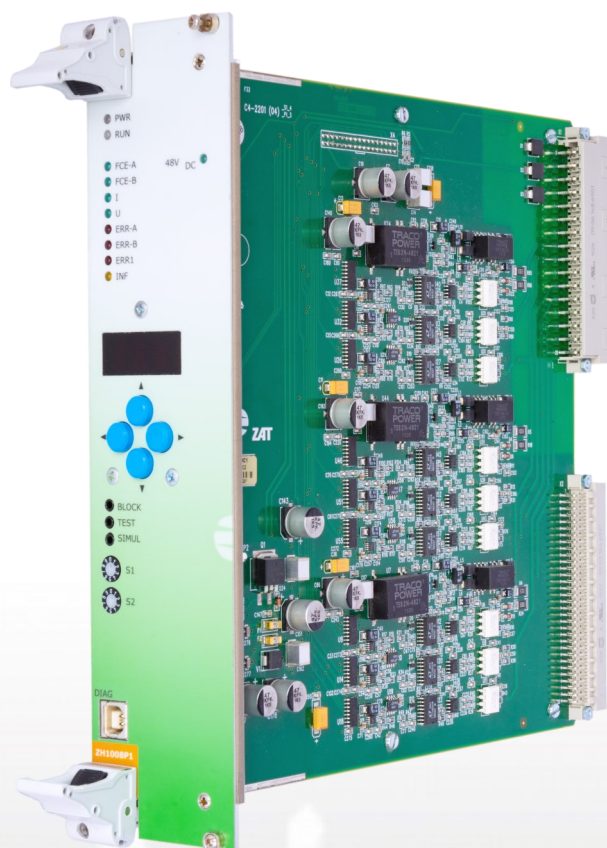


## Measurement and indication block ZH1008P1 of Control System SandRA Z100 line

The **ZH1008P1** measurement and indication unit belongs to the **SandRA Z100** process stations, which is mainly suitable for application in the most demanding sectors of the **nuclear industry** due to its safety, reliability, and high performance. **ZAT** has extensive experience in the development and production of systems for nuclear energy and is thus able to supply a modern control system that meets all customer requirements.

The **ZH1008P1** block is intended for independent measurement of supply currents and voltages of the synchronous reluctance motor **RD42**, intended for position control of the emergency and control **HRK** of the **VVER 440** nuclear reactor. The block is used for independent monitoring of the inverter function and measures the fine position of the **HRK** in all motor operating modes. The **ZH1008P1** block consists of a microcomputer control module, an analog module, and a display module.



- Designed for 19" rack.
- Board dimensions 62 x 262 x 328 mm
- Temperature sensor with a range -55 to +125 °C
- Analog and binary inputs and outputs
- Easy installation in the rack thanks to practical fingerboards
- Design and circuit design allows Hot Swap function

