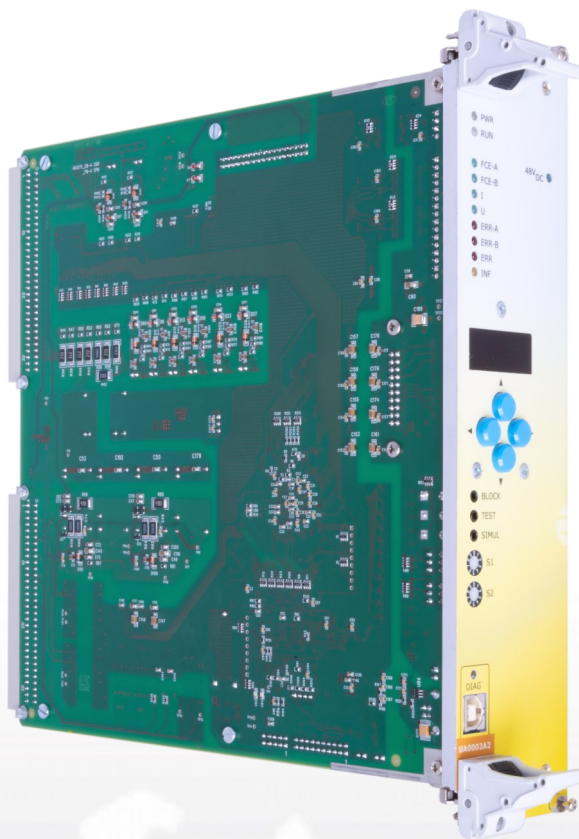


## Measurement and indication block UA0002A2 of Control System SandRA

The **UA0002A2** block belongs to the **SandRA Z100** family of control systems, which represents an ideal solution for applications in industries such as nuclear industry. **Z100** series products meet the highest safety requirements and stand out for their reliability and trouble-free operation.

The UA0002A2 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 performs the function of independent monitoring of the function of both inverters and monitoring the position of the cartridge **HRK** according to the command. The block also provides diagnostics, fault visualization and inverter operating conditions. In addition, the block reads and operates several **binary inputs, outputs** and front panel peripheral circuits to interface the block with the operator.



- Intended for a 19" rack
- Board dimensions 62 x 262 x 267 mm
- Security system
- Signaling LED on front panel
- Connection to the parent system via redundant SSIO2 communication.
- Signaling USB on front panel
- Design and circuit design allows Hot Swap function

