

Inverter block UA0003C2 of Control System SandRA Z100 line

The **UA0003C2 inverter block** is part of the **SandRA Z100** series of rugged control stations, a powerful and safe solution for nuclear **power applications**. **ZAT** has been operating in the field of development and production of control systems for nuclear industry continuously since **1972** and is one of the world's leading companies in this field.

The block performs the function of the main or backup power supply of three-phase synchronous reluctance motor **RD42** of the emergency and control **HRK** of the **VVER 440**. nuclear reactor. The block reads and operates a total of **22 binary inputs** and **4 binary outputs**. Data is transferred using redundant **SSIO2 communication**. All binary inputs are **galvanically isolated** from the internal block circuits and all binary outputs are **galvanically isolated** from the internal block circuits and from each other.



- Designed for 19" rack
- Board dimensions 142 x 266 x 328 mm
- 22 binary outputs
- 4 binary outputs
- SSIO2 communication
- Communication with the operator is provided by LEDs on the front panel
- Design and circuit design allows Hot Swap function

