

Stepper motor control block UA0006C1 of Control System SandRA Z100

The **UA0006C1** block belongs to the **SandRA Z100** family of robust process stations, whose features make them ideal for use in the nuclear power industry. We have more than **50 years** of experience in the development and production of control systems and we are always bringing new and **innovative solutions**.

The block supplies **3 coils** of the stepper motor drive of the reactor control unit out of a total of 6 coils. The control of the motor and thus the control of the position of the control body is implemented by **two blocks** that share the input control signals and coordinate each other's function. The block performs the function of determining the relative position of the regulatory organ based on the evaluation of the executed steps. The block transmits information about available operating data to a communication microcomputer within the rack. All data are transmitted to other parts of the system via **SSIO2** communication.



- Designed for 19" rack
- Board dimensions 40 x 262 x 267 mm
- 4 binary galvanically isolated inputs
- 4 binary galvanically isolated outputs
- Signaling LED on front panel
- SSIO2 communication
- The design and circuit design enables the Hot Swap function

