Binary output board
BC0023B1

Safe and reliable automation

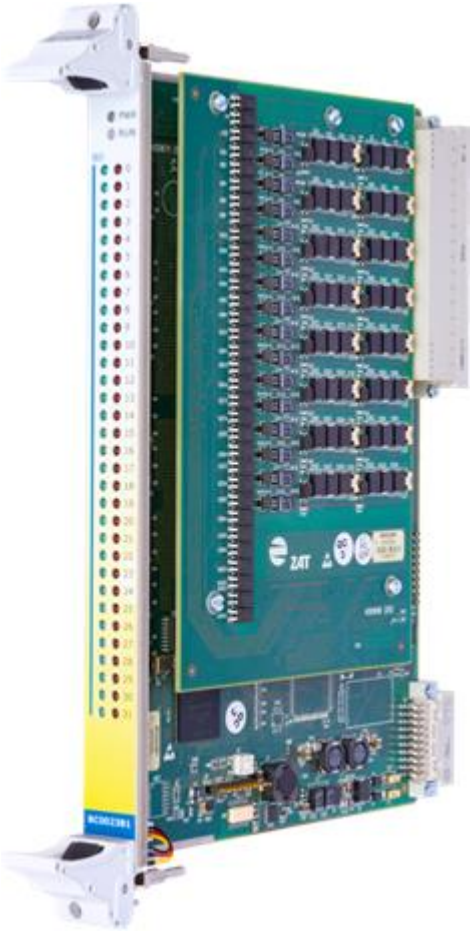
Binary output board BC0023B1 of Control System SandRA Z100 line

The **BC0023B1** binary output board is part of the **SandRA Z100** process station, which is ideal for application in the nuclear power industry. **ZAT** products excel in their **safety and reliability** and are the result of our more than **fifty years of operation** in the automation industry.

The **BC0023B1** board is intended for connecting **32 binary outputs with diagnostics** to the processor part of the **SandRA Z100 system**. Each of the outputs is galvanically isolated from the system, and galvanic isolation between outputs is implemented in groups of four. The board includes a range of diagnostic functions:

- Load disconnection in the switched-on state
- Breakdown
- Circuit overheating
- Undervoltage of output circuits
- Output short-circuited to ground
- Switching errors

In case of a board malfunction, each output can be set to a predefined state (fail-safe function). The status of the board and outputs is indicated by LED diodes on the front panel.



- **Designed for 19” rack**
- **Board dimensions 20 x 262 x 208 mm**
- **32 binary outputs with diagnostics**
- **Output short circuit resistance**
- **Internal diagnostics**
- **Galvanic separation of outputs from the system and from each other**
- **Contactless switching**
- **Design and circuit design allows Hot Swap function**