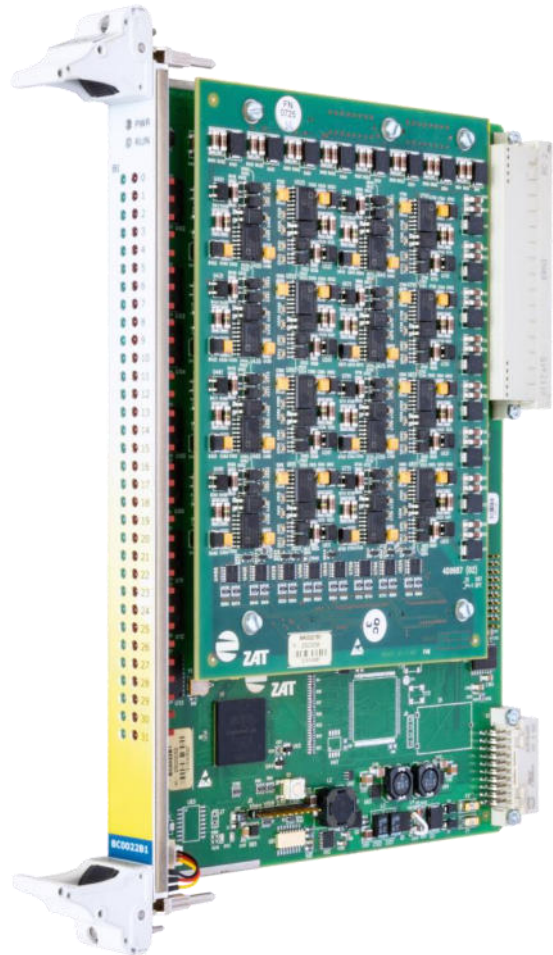


Binary input board BC0022B1 of Control System SandRA Z100 line

The **BC0022B1 binary input board** is part of the robust **SandRA Z100** series of control systems, which finds its application especially in the **nuclear industry**. The control systems manufactured by **ZAT** stand out especially for their **high reliability**, which is the result of **consistent and high-quality** production.

The **BC0022B1** board is designed for connecting 32 binary inputs to the **SandRA Z100** system. All inputs are galvanically isolated from the system and from each other. For each input, it is possible to set the value of the input signal's debounce filter. An internal **diagnostic system** monitors the function and status of the board. Closure of the loop, input optocouplers, input value (double reading), and interruption of the supply line are diagnosed for each input. The status of the inputs and their proper function are indicated by LED diodes on the front panel.



- Designed for 19" rack
- Board dimensions 20 x 262 x 208 mm
- Connection of 32 logic inputs
- Closed loop diagnostics of all inputs
- Galvanic separation of inputs from the system and from each other
- Communication via SSIO3 bus.
- The design and circuit design enables the Hot Swap function

