

Binary Inputs Board BB0002B1 of Control System SandRA Z200 line

The Binary Inputs Board **BB0002B1** belongs to Control System **SandRA Z200** line that is convenient for conventional power industry and industrial field as well. Both of the fields demand firstly safety, high-performance and reliable control system that **SandRA Z200** is without any doubts.

The Board is intended for connection of **logical inputs** via the **SRIO bus** to the control board of the **Z200** family. All the inputs are galvanically isolated, the board incorporated also **diagnostic system**, that enables board functions monitoring. For application debugging purposes, the board could be switched into the **simulation mode**, that enables input signals adjustment by software from the control board independently on a technology state. The board is equipped with **internal service connector** with the **JTAG interface** that serves for the board service diagnostic and firmware loading.



- Designed for 19" rack
- Board dimensions 160 x 233 mm
- 32 logical inputs
- Possibility to set up digital filtration of oscillations at the signal edges
- Galvanic insulation of the inputs from the system and from each other
- Asynchronous counter mode
- Archive of input signal values
- Protective filter against binary inputs oscillation
- Construction and Circuit design enables Hot Swap functions

