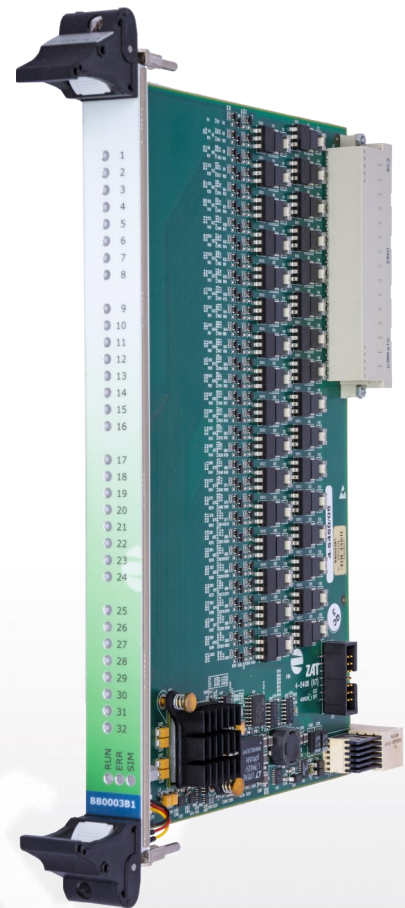


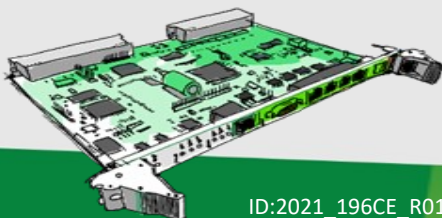
Binary Inputs Board BB0003B1 of Control System SandRA Z200 line

Binary Inputs Board **BB0003B1** belongs to process station of **SandRA Z200** line that is suitable for applications in many industrial fields and conventional power industry. The Control System **SandRA** is based on many years of experiences of the **ZAT** Company in the field of automation and in previous proven systems.

The **BB0003B1** board is designed for connection of logical outputs via **SRIO bus** from the control board of the **Z200 family**. All the board outputs are galvanically isolated from the system as well as from each other. The board is equipped with inboard **diagnostical system** which monitors board functions. For application debugging purposes, it is possible to switch the board into a simulation mode. For service diagnostic and FW loading, there is a **internal service connector with JTAG interface**.



- Designed for 19" rack
- Board dimensions 160 x 233 mm
- 32 logical inputs
- Resistance against output short circuit
- Contactless switching
- Galvanic insulation of the inputs from the system and from each other
- Signaling of outputs status on the front panel of the board
- Construction and Circuit design enables Hot Swap functions



Mechanical Parameters and Weight

Parameter	Specifications	Min.	Type	Max.	Units
Board dimensions			160 x 233		mm
Panel dimensions ¹			4TE x 6HE		
Weight			400		g

Electrical Parameters

Parameter	Specifications	Min.	Type	Max.	Units
Number of outputs			32		
Load voltage ²		0		60	V
Current load of outputs				250	mA
Resistance in on-state				2	Ω
Insulation strength output/system		700			V DC
Insulation strength output/output		700			V DC
Power supply		21	24	26	V
Consumption			180	350	mA

¹ Designed for 19" rack

² Unipolar connection

This document is applied to BB0003B1 product and follows up on the document "Technical conditions Z200" no. 4-5397 of which it has been an integral part.

