Binary outputs board
BC0043B1
Safe and reliable automation

Binary input board BC0043B1 of Control System SandRA Z100

It is part of a set of electronic components for a general safety system or a system with safety implications.

The BC0043B1 board is the Z102 system interface for binary output signals. It is designed to connect 32 binary inputs via the serial bus to the Z102 control board.

The board contains output circuits that implement binary signal switching and galvanic isolation. Using a field programmable gate array (FPGA), low-level voltage signals are generated that serve as a command to switch the output. All outputs are galvanically isolated from the system and from each other. The gate array circuit (FPGA) also forms the interface between the serial bus and the board circuitry. There is an EEPROM memory on the board for storing service data.

- Designed for 19" rack
- Board dimensions 20 x 266 x 208 mm
- 32 binary outputs
- Output short circuit resistance
- Contactless switching
- Galvanically separated outputs from the system
- Galvanic separation of outputs from each other