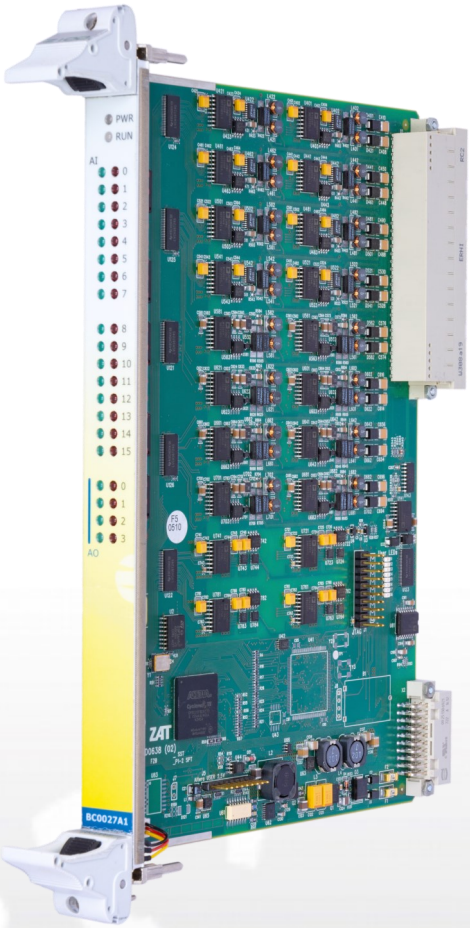
# Analog I/O Board BC0027A1

*Safe and reliable automation*

## Analog I/O board BC0027A1 of Control System SandRA Z100 line

The **BC0027A1** board is part of the robust **SandRA Z100** series of process stations, which represents a safe, reliable, and powerful system ideal for application in the demanding environment of the nuclear industry, in which we have been operating continuously **since 1972**.

The analog I/O board is the interface of the **Z102** system for analog input and output signals. It is designed for measuring **sixteen** DC signals from technological converters and sensors and generating **four** analog output signals for the transmission of analog quantities. To meet the different requirements for the treatment of analog channels, a **modular** solution is chosen, where the input channels can be fed to the input connector of the motherboard directly or via the adapter expansion board, which is inserted from the back of the rack.




- **Intended for 19” rack**
- **Board dimensions 20 x 262 x 208 mm**
- **16 separate galvanically isolated input A/D converters**
- **4 separately galvanically isolated output A/D converters**
- **Integrated error testing**
- **High resistance to input overvoltages**
- **Design and circuit design allows Hot Swap function**