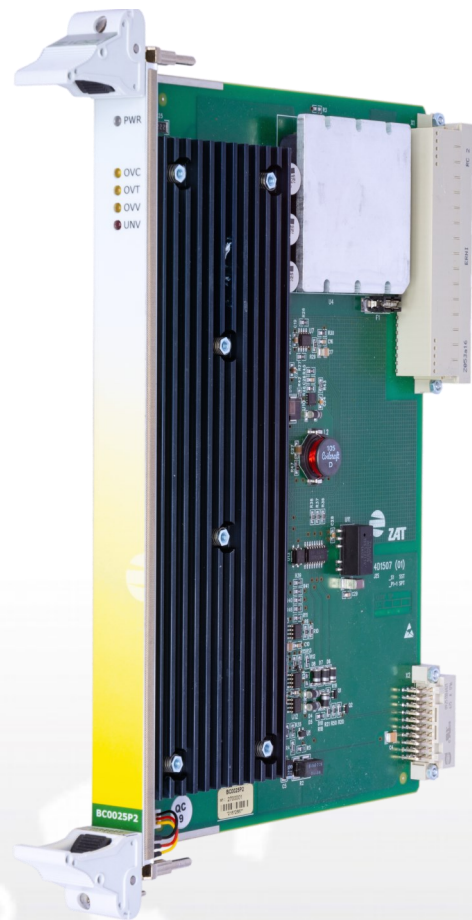


Power supply board BC0025P2 of Control System SandRA Z100 line

The **BC0025P2** power supply board belongs to the **SandRA Z100**, family of control systems, which represents a safe and powerful solution, ideal for the nuclear industry. During the development and production of our products, we draw on rich experience in the field of automation technology and pay particular attention to **safety, reliability, and performance**.

The power supply board is used for filtering, galvanic isolation, and subsequent unification of the supply voltage for powering the boards of the **Z102**. Input circuits providing overvoltage protection, polarity reversal, and **EMI filter**. A voltage regulator is connected behind the protection circuits, which can regulate a wide range of input voltages. At the output, it provides and controls the voltage for powering the inverter, which already provides a unified voltage for powering the control system at the output. The board is then cooled by a **passive cooler** on the source in combination with a ventilation block under the rack.



- Designed for 19" rack
- Board dimensions 20 x 266 x 208
- Input voltage 48 V DC
- Output voltage 24 V DC
- Power - nominal 200W
- Galvanic separation of input and output voltage
- EMI filter
- Inrush current limiting
- Design and circuit design allows Hot Swap function

