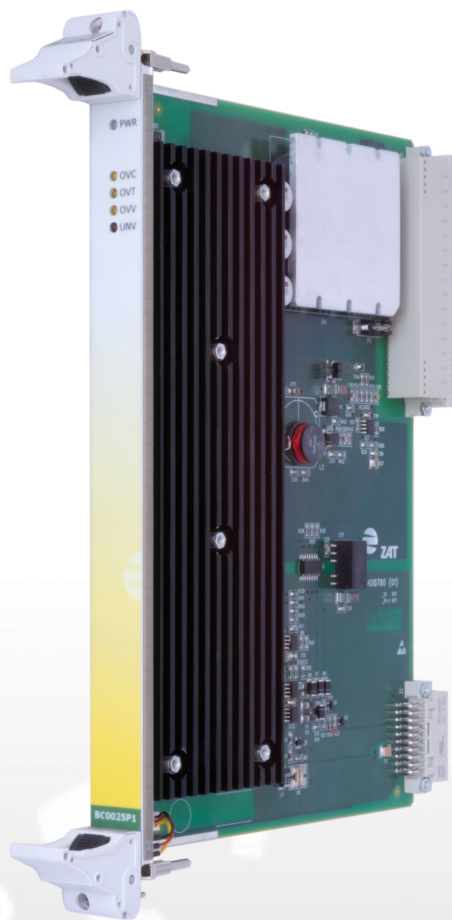


Power supply board BC0025P1 of Control System SandRA Z100 line

The **BC0025P1** power supply board belongs to the **Sandra Z100**, family of control systems, which represents a safe and powerful solution, ideal for 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 is able to regulate in 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. This product has been replaced by BC0025P2.



- Designed for 19" rack
- Board dimensions 20 x 266 x 208 mm
- Input voltage 48 V DC
- Output voltage 24 V DC
- Power - nominal 200W
- EMI filter
- Inrush current limiting
- The design and circuit design enables the Hot Swap function

