Power supply board 48VDC/24VDC BC0005P1

Safe and reliable automation

Power supply board 48VDC/24VDC BC0005P1 of Control System SandRA Z100 line

The **BC0005P1** power supply board is part of the SandRA Z100 process series, which is the ideal solution for the demanding environment of the nuclear power industry. The **SandRA Z100** control system provides **adequate performance**, a **high level of security** and **long-term reliability**. **ZAT** has been in the automation industry for more than 50 years and is one of the co-founders of automation in the world.

The power supply board is **used for filtering, galvanic isolation and subsequent unification** of the supply voltage for powering the boards of the **Z102**. When the board is inserted into the rack, the input voltage is applied to the input connector. Input circuits providing polarity reversal protection and **EMI filtr**. A **transil and a fusible link** are used to block overvoltage. A voltage **regulator** is connected behind the protection circuits. The controller controls the voltage for the inverters, providing a unified voltage to power the **control system**.

- **Designed for 19" rack**
- **Dimensions 20 x 266 x 208 mm**
- **Input voltage 48 V DC**
- **Output voltage 24 V DC**
- **Nominal power 200 W**
- **Inrush current limiting**
- **EMI filter**
- **Design and circuit design allows Hot Swap function**