

POWERLINK Communication Board BB0012E1 of Control System Sandra Z200 line

Communication Board **BB0012E1** belongs to the family of the Control System **Sandra Z200** that represents high-performance, reliable and safety system ideal for application in **conventional power industry** and in many **industrial fields** as well. **Sandra Z200** was based on our many years of experience in development and application of control systems that have been proven worldwide.

The **BB0012E1** board represents a communication interface of the **Z200** system intended for **Ethernet Powerlink**. The board contains **HUB / Ring** or **Link selector** for connecting Ethernet lines, depending on the software. It is possible to use also an external link selector (LS) to ensure operation on redundant lines. The board has a **built-in internal diagnostic system** that monitors functions of the board and the communication channel. Furthermore, the board is equipped with an internal service connector with a **JTAG interface**, which is used for service diagnostics and **FW** loading.



- Designed for 19" rack
- Board dimensions 160 x 233 mm
- 2 100BASE-TX channels
- Powerlink RNM Communication Protocol
- Signaling LEDs on the front panel
- Connectors with interface for communication channels on the front panel
- Communication interface is galvanically isolated from the system
- Construction and Circuit design enables Hot Swap functions

