

The BB0018E1 Serial Communication Board serves to connect external equipment via serial asynchronous links to the Z200 system

Its construction and circuit design allow the board to be safely inserted and removed from the live backplane (Hot Swap function).



| Electrical parameters |                        |                                  |        |        |       |
|-----------------------|------------------------|----------------------------------|--------|--------|-------|
| Parameter             | Conditions             | Min.                             | Stand. | Max.   | Units |
| Transfer rate         | Adjustable by software | 150                              |        | 115200 | Bd    |
| Number of data bits   |                        | 5, 6, 7, 8                       |        |        |       |
| Number of "stop" bits |                        | 1, 1½, 2                         |        |        |       |
| Parity                |                        | None, even, odd, symbol gap      |        |        |       |
| Flow control          |                        | None, XOn/XOff, RTS/CTS          |        |        |       |
| Physical interface    |                        | RS232, RS422, RS485              |        |        |       |
| Link termination      |                        | 5k (RS232),<br>120 (RS422/RS485) |        | Ω      |       |
| Power voltage         |                        | 21                               | 24     | 26     | V     |

- Connecting 6 asynchronous analog communication channels
- Possibility to adjust interfaces RS232 / RS422 / RS485 for each channel
- Integrated terminating resistors software-adjustable
- Galvanic-isolated communication channels from the system