

The BB0011E1 board is a communication board of a PROFIBUS DP V1 Class 1 Master type for connection of the device of a DP Slave to the Serial RapidIO bus of 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
ProfiBus communication channel					
Transfer rate	DP Slave	9.6		12000	kBd
Number of connected stations				125	
Dielectric strength		700			V DC
Supply voltage		21	24	26	V
Consumption			180	350	mA



- Based on the network communication controller netX100 by the company Hilscher GmbH
- Profibus DP V1 Class 1 Master
- Transfer rate from 9600Bd up to 12MBd
- Galvanic isolation of the communication interface from the system
- Compliance with the IEC61158 specification
- Compliance with the VITA VME ANSI, IEEE STD 1014 1987, IEC 821 and 297 specification