

Digital Output Board BB0024B1 (32 channels with diagnostics)



The board BB0024B1 represents the basic interface of the system for output digital signals. It is used to connect 32 unipolar logic outputs via the Serial RapidIO bus to the control board of the Z200 family. Its construction and circuit design allow to the board to be safely inserted and removed from the live backplane (Hot Swap function).



Electrical Parameters					
Parameter	Conditions	Min.	Stand.	Max.	Units
Power Supply		21	24	26	V
Consumption			150	200	mA
Supply voltage outputs		8	24	35	V
Consumption of outputs circuits	24V dc, consumption on a switched outputs			500	mA

- Connect the 32 unipolar digital outputs with diagnostic
- Resistance against output short circuit (500m - limited to max. 1.1A)
- Diagnosis of load shedding in closed state
- Diagnosis of overheating the circuit
- Diagnosis of voltage at deactivated output (breakdown)
- Diagnosis of low voltage output circuits
- Diagnostics Output short circuit to ground
- Diagnostic errors closing the switch
- Non-contact switching
- Galvanic separation of outputs from the system
- Galvanic isolation from each other (in quadruplicate)
- LED status outputs and proper function on the front panel

Z200

