



B&R X20 Bc 0083 Bus Controller

The B&R X20 BC 0083 Bus Controller is a high-performance Ethernet POWERLINK module engineered for efficient and flexible communication in distributed automation systems. As part of B&R's X20 system, this bus controller offers seamless integration with various I/O modules such as the X20 PS 9400, X20 CS 1030, X20 DI 8371, X20 DO 9322, X20 AI 2622, X20 AO 2622, and X20 AT 4222. Designed to operate in hazardous environments with Class I, Div. 2, Group ABCD certification, it delivers reliable real-time data exchange and control in complex industrial applications.

Key Features:


- Advanced Ethernet POWERLINK communication for fast and deterministic data exchange
- Supports integration with a wide range of X20 I/O modules for modular system architecture
- Certified for use in hazardous environments (Class I, Div. 2, Group ABCD)
- Robust design with an operating temperature range of 0°C to 60°C (T5 classification)
- Designed and manufactured in Austria for superior quality and reliability


Specifications:


- Product Name: B&R X20 BC 0083 Bus Controller
- Model: X20BC0083 Rev. K0
- Interface: Ethernet POWERLINK

- Compatible Modules: X20 PS 9400, X20 CS 1030, X20 DI 8371, X20 DO 9322, X20 AI 2622, X20 AO 2622, X20 AT 4222
- Certification: Class I, Div. 2, Groups ABCD; ATEX II 3 G Ex nA nC IIA T5 Gc
- MAC Address: IFX: 00-60-65-48-36-5F
- Operating Temperature: 0°C to 60°C
- Manufacturer: B&R (Bernecker + Rainer), Eggelsberg, Austria
- Regulatory Reference: FTZU 09 ATEX 0083X, E115267
- Weight: 580 grams

Built to meet the demands of modern automation systems, the B&R X20 BC 0083 Bus Controller offers unmatched flexibility, reliability, and communication speed. Ideal for decentralized control architectures, it is a trusted solution for industries requiring precise and scalable automation.

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