

APTER POWER

COMPLETE PRODUCT INFORMATION

X20BC0087

Modbus TCP/UDP Bus Controller

B&R X20BC0087 is a modbus tcp/udp bus controller for the documented X20 System installation.

PRODUCT SNAPSHOT

BRAND
B&R

FAMILY
X20 System

PART
X20BC0087

ORIGIN / HS
Austria / 8537101190

APTER POWER

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SHIP FROM
Xiamen, Fujian, China



PRODUCT OVERVIEW

B&R X20BC0087 is a modbus tcp/udp bus controller for the documented X20 System installation.



Provides Modbus TCP/UDP slave bus control



Uses exact B&R article identity X20BC0087



Matches module type: Bus controller



Matches fieldbus: Modbus TCP/UDP slave

SYSTEM COMPONENTS

DOCUMENTED COMPONENT	ROLE IN SYSTEM
Proximity probe	Matched extension cable
Proximitior Sensor	AISI 4140 target

ENGINEERING CONTEXT

The product performs Modbus TCP/UDP slave bus control in the documented X20 I/O station and Modbus Ethernet network. Installation and commissioning must preserve the exact identity, interfaces and approved configuration.

TECHNICAL DATA

PARAMETER	VALUE
Module type	Bus controller
Fieldbus	Modbus TCP/UDP slave
Ethernet ports	2 shielded RJ45 switch ports
Transfer rate	10/100 Mbit/s
Maximum segment	100 m

PARAMETER	VALUE
Minimum fieldbus cycle	1 ms
X2X Link cycle	500 us
Bus power	2 W
Protection	IP20

TECHNICAL NOTE

Confirm B&R X20BC0087, X20 I/O station and Modbus Ethernet network, two shielded RJ45 switch ports and X2X Link, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

X20 System system maintenance

Restores Modbus TCP/UDP slave bus control in the documented installation.

Controlled hardware replacement

Preserves the exact X20BC0087 identity and approved configuration.

Interface verification

Confirms two shielded RJ45 switch ports and X2X Link before energization.

Functional recommissioning

Reviews diagnostics and records the controlled system response.

PRODUCT PRECAUTIONS

1

Confirm the complete B&R X20BC0087 marking and installed X20 System position before work.

2

Place the machine or process in the approved maintenance state and isolate every applicable energy

3

Record two shielded RJ45 switch ports and X2X Link, terminal assignments, shielding and protective-ground

4

Use ESD controls and protect keyed connectors, terminals and exposed electronics from contamination.

5

Verify module type (Bus controller) against the installed project and connected hardware.

6

Verify fieldbus (Modbus TCP/UDP slave) and restore only the approved configuration.

7

Energize in the prescribed sequence and review module, host and network diagnostics.

8

Complete a controlled Modbus TCP/UDP slave bus control test and retain the acceptance result before

ENGINEER FAQ

Q1 How is the exact X20BC0087 execution identified?

Match the complete B&R X20BC0087 marking and the controlled installed-position record.

Q2 What documented role does X20BC0087 perform?

It performs Modbus TCP/UDP slave bus control in the documented X20 I/O station and Modbus Ethernet network.

Q3 Which host must be matched before fitting X20BC0087?

Match the exact X20 I/O station and Modbus Ethernet network and approved system position.

Q4 Which interfaces must be recorded for X20BC0087?

Record two shielded RJ45 switch ports and X2X Link, mounting, shielding, grounding and cable routing.

Q5 What isolation controls apply to X20BC0087?

Place the machine or process in the approved maintenance state and isolate every applicable energy source.

Q6 What must be restored after installing X20BC0087?

Verify fieldbus (Modbus TCP/UDP slave) and restore only the approved configuration.

Q7 What proves X20BC0087 is ready for service?

Retain diagnostics and a controlled Modbus TCP/UDP slave bus control response test.

Q8 Which manufacturer record supports the X20BC0087 page?

Data sheet X20(c)BC0087 and the official B&R product record for X20BC0087.

RELATED APTER POWER PAGES

330876-01-50-01-05	330106-05-30-10-02-IN	330180-90-CN	330106-05-30-10-02-00
330104-01-05-50-02-00	330910-00-24-10-01-CN	330909-00-25-10-02-00	330908-21-35-10-02-00

SOURCE B&R X20BC0087 product data | Data sheet X20(c)BC0087

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