

APTER POWER

COMPLETE PRODUCT INFORMATION

X20BB22

Compact CPU Bus Base

B&R X20BB22 is a compact cpu bus base for the documented X20 System installation.

PRODUCT SNAPSHOT

BRAND
B&R

FAMILY
X20 System

PART
X20BB22

ORIGIN / HS
Austria / 8537101190

APTER POWER

WHATSAPP / PHONE

+86 180 3023 5313

SHIP FROM

Xiamen, Fujian, China



PRODUCT OVERVIEW

B&R X20BB22 is a compact cpu bus base for the documented X20 System installation.



Provides Compact CPU backplane and RS232 connection



Uses exact B&R article identity X20BB22



Matches component: Compact CPU bus base



Matches compatible cpus: All X20 Compact CPUs

SYSTEM COMPONENTS

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

ENGINEERING CONTEXT

The product performs Compact CPU backplane and RS232 connection in the documented X20 Compact CPU station. Installation and commissioning must preserve the exact identity, interfaces and approved configuration.

TECHNICAL DATA

PARAMETER	VALUE
Component	Compact CPU bus base
Compatible CPUs	All X20 Compact CPUs
Interface	1 RS232 connection
I/O supply	24 VDC
Permissible contact load	10 A

PARAMETER	VALUE
Bus power	0.32 W
Isolation	Bus not isolated from RS232
Protection	IP20
Pitch	37.5 mm

TECHNICAL NOTE

Confirm B&R X20BB22, X20 Compact CPU station, Compact CPU backplane, power-supply module and RS232, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

X20 System system maintenance

Restores Compact CPU backplane and RS232 connection in the documented installation.

Controlled hardware replacement

Preserves the exact X20BB22 identity and approved configuration.

Interface verification

Confirms Compact CPU backplane, power-supply module and RS232 before energization.

Functional recommissioning

Reviews diagnostics and records the controlled system response.

PRODUCT PRECAUTIONS

1

Confirm the complete B&R X20BB22 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 Compact CPU backplane, power-supply module and RS232, terminal assignments, shielding

4

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

5

Verify component (Compact CPU bus base) against the installed project and connected hardware.

6

Verify compatible cpus (All X20 Compact CPUs) and restore only the approved configuration.

7

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

8

Complete a controlled Compact CPU backplane and RS232 connection test and retain the acceptance result

ENGINEER FAQ

Q1 How is the exact X20BB22 execution identified?

Match the complete B&R X20BB22 marking and the controlled installed-position record.

Q2 What documented role does X20BB22 perform?

It performs Compact CPU backplane and RS232 connection in the documented X20 Compact CPU station.

Q3 Which host must be matched before fitting X20BB22?

Match the exact X20 Compact CPU station and approved system position.

Q4 Which interfaces must be recorded for X20BB22?

Record Compact CPU backplane, power-supply module and RS232, mounting, shielding, grounding and cable routing.

Q5 What isolation controls apply to X20BB22?

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

Q6 What must be restored after installing X20BB22?

Verify compatible cpus (All X20 Compact CPUs) and restore only the approved configuration.

Q7 What proves X20BB22 is ready for service?

Retain diagnostics and a controlled Compact CPU backplane and RS232 connection response test.

Q8 Which manufacturer record supports the X20BB22 page?

Data sheet X20BB22 and the official B&R product record for X20BB22.

RELATED APTER POWER PAGES

330171-00-47-10-01-05	330105-XX-XX-10-02-05-MOD-15	330101-14-30-10-02-05	330101-01-50-10-02-05
330190-085-01-00	330102-25-40-10-02-05	330104-00-11-50-02-00	330101-00-12-20-02-05

SOURCE B&R X20BB22 product data | Data sheet X20BB22

+86 180 3023 5313 | sales13@apterpower.com | www.apterpower.com