

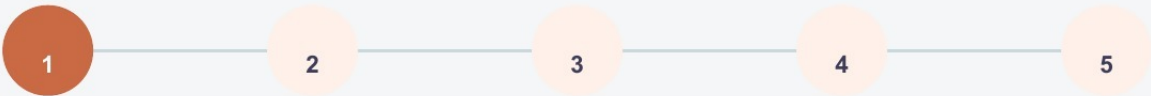
X20BB22

Compact CPU Bus Base

CONTROLLED ENGINEERING COPY

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

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	X20BB22
Manufacturer	B&R
System family	X20 System
HS code	8537101190
Shipping origin	Xiamen,Fujian,China



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01 PRE-INSTALLATION PLAN

- 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 source.
- 3

Record Compact CPU backplane, power-supply module and RS232, terminal assignments, shielding and protective-ground connections before removal.
- 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.

MATCHED HARDWARE

- X20BB22 with complete identity
- X20 Compact CPU station
- Compact CPU backplane, power-supply module and RS232
- Controlled commissioning and acceptance record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	X20BB22 recorded
Physical interface	Probe, cable and sensor matched
Functional proof	Static gap and dynamic response

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED 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
Bus power	0.32 W
Isolation	Bus not isolated from RS232
Protection	IP20
Pitch	37.5 mm

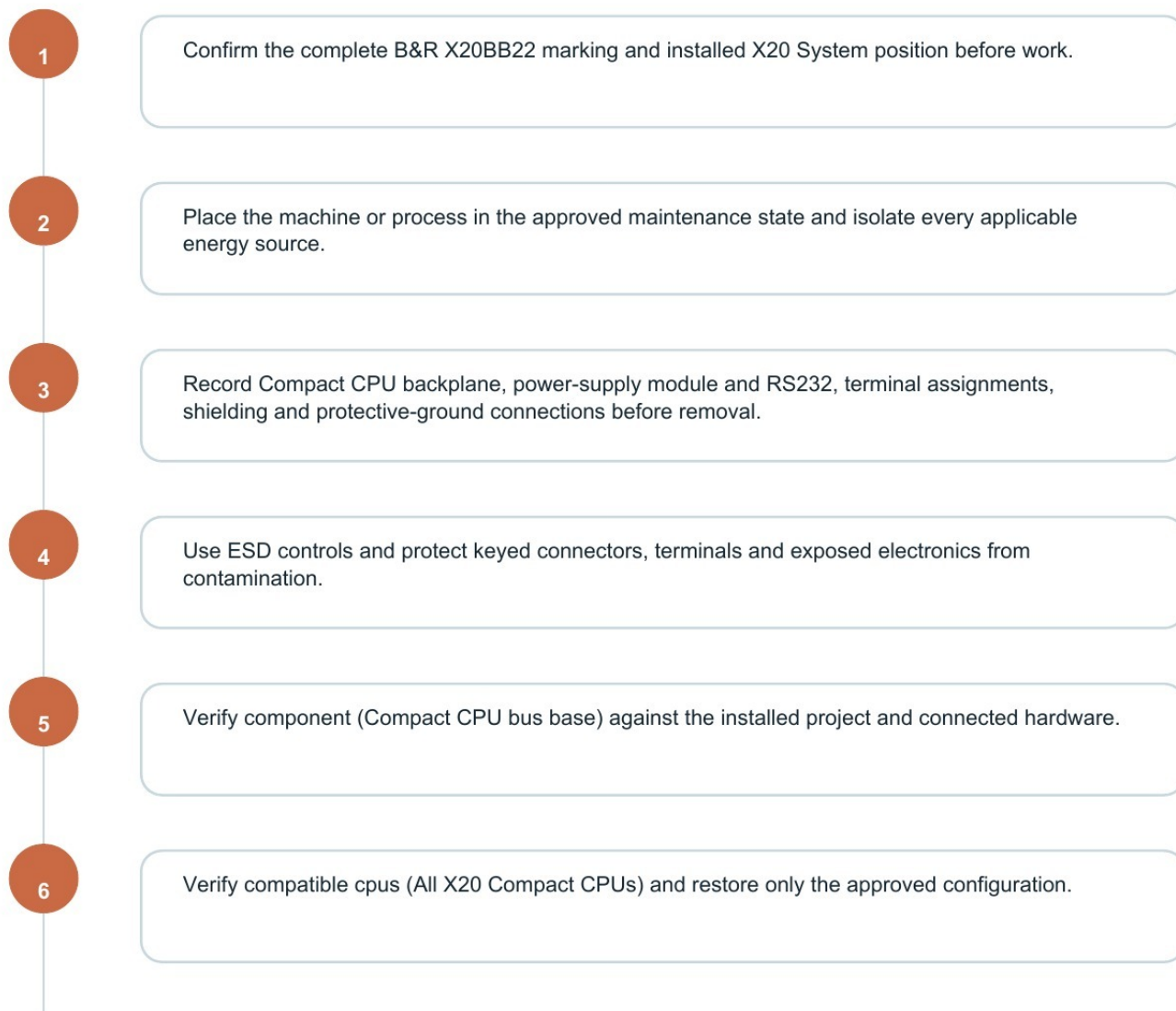
FIELD NOTE

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.

RELATED APTER POWER PAGES

[330101-00-12-15-02-05](#)
[330101-00-31-20-02-05](#)
[330130-060-01-05](#)
[330703-00-50-10-12-05](#)
[330101-00-39-15-11-00](#)
[330930-060-07-05](#)
[330908-00-60-10-01-00](#)
[330902-00-90-05-02-00](#)

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	X20BB22
Physical interface	Compact CPU backplane, power-supply module and RS232 matched
Configuration	Exact installed configuration and assignments restored
Functional proof	Controlled Compact CPU backplane and RS232 connection response recorded

04 RETURN-TO-SERVICE RECORD

- ☐ Verify component (Compact CPU bus base) against the installed project and connected hardware.
- ☐ Verify compatible cpus (All X20 Compact CPUs) and restore only the approved configuration.
- ☐ Energize in the prescribed sequence and review module, host and network diagnostics.
- ☐ Complete a controlled Compact CPU backplane and RS232 connection test and retain the acceptance result before production release.

VERIFICATION RECORD

PRODUCT IDENTITY	X20BB22
INSTALLED POSITION	Documented X20 Compact CPU station position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

FUNCTIONAL ACCEPTANCE CHECKLIST

- ☐ Confirm the exact model remains assigned to the documented host position.
- ☐ Verify every mating interface and field connection against the as-found record.
- ☐ Exercise the intended product function under controlled conditions.
- ☐ Retain the diagnostic and functional-test result before release.

SOURCE IDENTIFIERS

B&R X20BB22 product data | Data sheet X20BB22