

X20CP1483

X20 compact controller

CONTROLLED ENGINEERING COPY

Back up the CompactFlash and Automation Studio project; preserve Ethernet, POWERLINK and interface-module settings before replacement.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	X20CP1483
Manufacturer part	X20CP1483
Hardware type	Intel x86 compatible; 100 MHz
System family	B&R X20 PLC



APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



01 PRE-INSTALLATION PLAN

- 1

Verify the full X20CP1483 marking and its assigned B&R X20 PLC position before work.
- 2

Place the connected machine or process in the approved maintenance state.
- 3

Isolate the applicable supply and plc logic plus ethernet, powerlink and x20 process data field energy before disconnecting conductors.
- 4

Record connector, conductor, address and software identities before removal.
- 5

Use ESD controls and protect keyed interfaces, exposed contacts and electronic assemblies.

MATCHED HARDWARE

- X20 bus base and slices
- CompactFlash application media
- POWERLINK devices
- Automation Studio project

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	X20CP1483 / X20CP1483 recorded
Physical interface	X20 bus base and slices
Companion check	CompactFlash application media
Functional proof	Uses a 100 MHz Intel-compatible CPU
Application test	Compact machine controller

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Processor	Intel x86 compatible; 100 MHz
Interfaces	Ethernet; POWERLINK; USB
Interface slots	1 modular slot
Application storage	CompactFlash
Cooling	Fanless

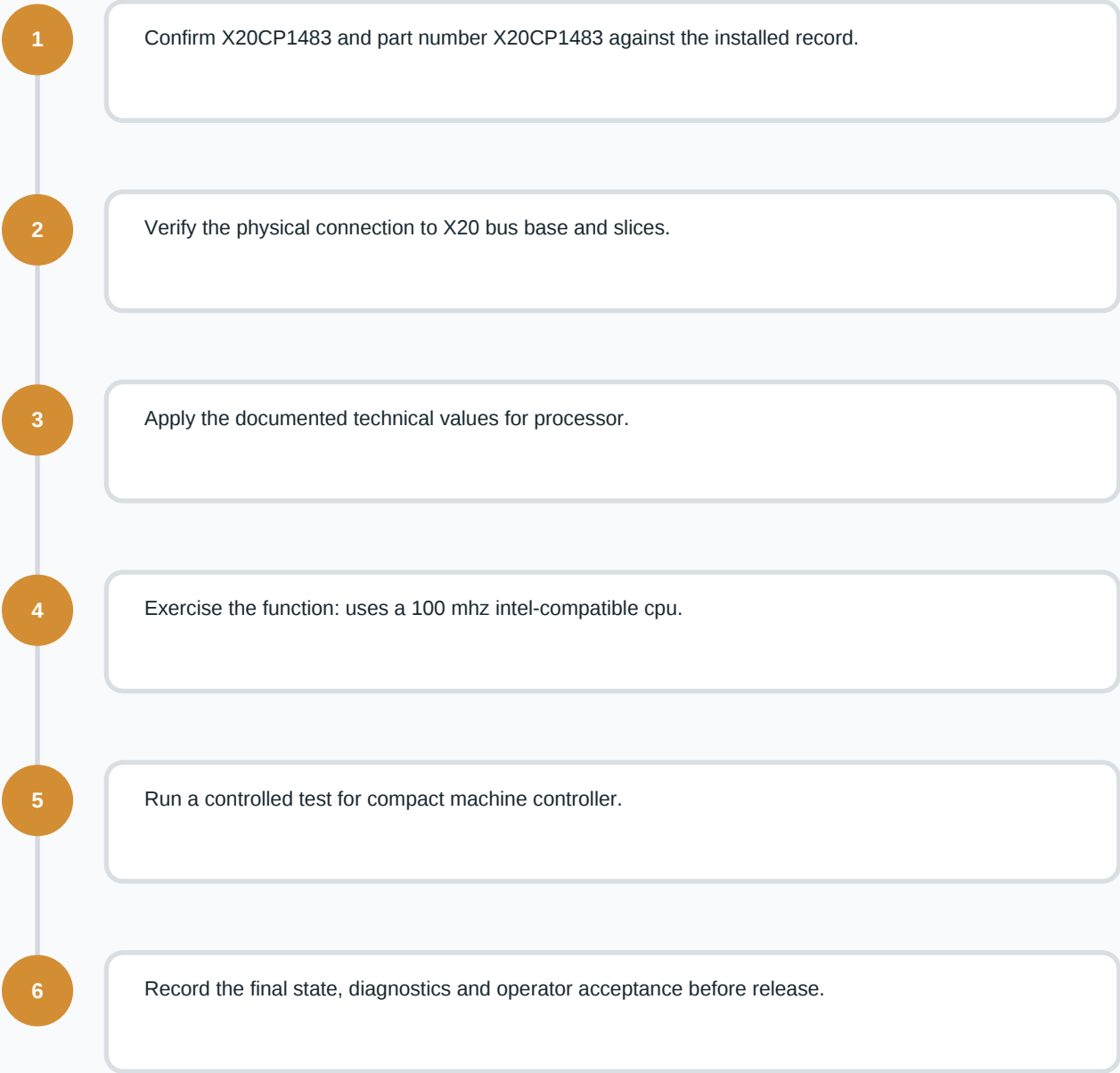
SYSTEM CONNECTION RECORD

CONNECTION ITEM	DOCUMENTED ASSIGNMENT
Installed host / carrier	X20 bus base and slices
Companion hardware	CompactFlash application media
Field connection	POWERLINK devices
Primary system function	Uses a 100 MHz Intel-compatible CPU
Controlled acceptance duty	Compact machine controller

FIELD NOTE

Back up the CompactFlash and Automation Studio project; preserve Ethernet, POWERLINK and interface-module settings before replacement.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	X20CP1483 / X20CP1483 recorded
Physical interface	X20 bus base and slices
Companion check	CompactFlash application media
Functional proof	Uses a 100 MHz Intel-compatible CPU
Application test	Compact machine controller

04 RETURN-TO-SERVICE RECORD

- ☐
- Confirm the installed X20 bus base and slices and CompactFlash application media against the approved project.
- ☐
- Restore power in a controlled sequence and review device, network and host diagnostics.
- ☐
- Prove the intended compact machine controller function and retain the final test result.
- ☐
- Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	X20CP1483
INSTALLED POSITION	Documented B&R X20 PLC position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
PR6423-002-030	Related industrial automation product	View PR6423-002-030 page
CON021	Related industrial automation product	View CON021 page
22B-D6P0N104	Related industrial automation product	View 22B-D6P0N104 page
3500-92-04-01-01	Related industrial automation product	View 3500-92-04-01-01 page
3500-33-SIL2-03-01	Related industrial automation product	View 3500-33-SIL2-03-01 page
3500-22M-01-01-01	Related industrial automation product	View 3500-22M-01-01-01 page
3500-15-05-05-01	Related industrial automation product	View 3500-15-05-05-01 page
3500-05-01-02-01-00-01	Related industrial automation product	View 3500-05-01-02-01-00-01 page

SOURCE IDENTIFIERS

B&R official product data sheet

B&R product data

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WHATSAPP / PHONE	+86 180 3023 5313
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