

INDUSTRIAL AUTOMATION PRODUCT

X20CP1483

X20 compact controller

PLC logic plus Ethernet, POWERLINK and X20 process data

IDENTITY	VERIFIED VALUE
Manufacturer	B&R
System family	B&R X20 PLC
Part number	X20CP1483
Country	Austria
HS code	8537101190

APTER POWER SALES TEAM

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



2

Technical Specifications

Technical values below are limited to the named B&R product record.

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

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED 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

3

System Role and Architecture

PLC logic plus Ethernet, POWERLINK and X20 process data

FUNCTION 1

Uses a 100 MHz Intel-compatible CPU

FUNCTION 2

Integrates Ethernet and POWERLINK

FUNCTION 3

Provides one modular interface slot

FUNCTION 4

Stores the application on CompactFlash

Matched system components

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

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
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

4

Applications and Engineering Context

Compact machine controller

Uses a 100 MHz Intel-compatible CPU

Distributed I/O coordinator

Integrates Ethernet and POWERLINK

POWERLINK equipment control

Provides one modular interface slot

Installed-base CPU renewal

Stores the application on CompactFlash

TECHNICAL NOTE

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

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	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

5

Engineering Precautions

- 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.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
PR6422-013-041	Related industrial automation product	View PR6422-013-041 page
PR6423-010-000	Related industrial automation product	View PR6423-010-000 page
CON041	Related industrial automation product	View CON041 page
PR9268-202-100	Related industrial automation product	View PR9268-202-100 page
PR6424-003-030	Related industrial automation product	View PR6424-003-030 page
PR9268-302-100	Related industrial automation product	View PR9268-302-100 page
PR9268-301-100	Related industrial automation product	View PR9268-301-100 page
PR9268-201-100	Related industrial automation product	View PR9268-201-100 page

MANUFACTURER SOURCE RECORD

B&R official product data sheet

B&R product data

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

