APTER POWER

PRODUCT TECHNICAL REFERENCE

INDUSTRIAL AUTOMATION PRODUCT

7CP474.60-1

System 2003 compact CPU

PLC execution plus mixed System 2003 I/O and CAN data

IDENTITY	VERIFIED VALUE
Manufacturer	B&R
System family	B&R System 2003 PLC
Part number	7CP474.60-1
Country	Austria
HS code	8537101190

APTER POWER SALES TEAM

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2 Technical Specifications

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

PARAMETER	TECHNICAL VALUE
SRAM	100 kB
FlashPROM	512 kB
Supply	24 V DC
Power consumption	12.6 W
Interfaces	RS232; CAN
CAN	Electrically isolated; network-capable
Expansion	4 screw-in module slots
Maximum I/O	208 digital; 80 analog

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED ASSIGNMENT
Installed host / carrier	System 2003 rack and I/O
Companion hardware	24 V DC supply
Field connection	approved screw-in modules
Primary system function	Provides 100 kB SRAM and 512 kB FlashPROM
Controlled acceptance duty	Compact System 2003 controller

3 System Role and Architecture

PLC execution plus mixed System 2003 I/O and CAN data

FUNCTION 1

Provides 100 kB SRAM and 512 kB FlashPROM

FUNCTION 2

Coordinates up to 208 digital I/O points

FUNCTION 3

Coordinates up to 80 analog I/O points

FUNCTION 4

Integrates isolated network-capable CAN

Matched system components

- System 2003 rack and I/O
- 24 V DC supply
- approved screw-in modules
- Automation Studio application backup

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	System 2003 rack and I/O
Companion hardware	24 V DC supply
Field connection	approved screw-in modules
Primary system function	Provides 100 kB SRAM and 512 kB FlashPROM
Controlled acceptance duty	Compact System 2003 controller

4 Applications and Engineering Context

Compact System 2003 controller

Provides 100 kB SRAM and 512 kB FlashPROM

Mixed digital/analog machine I/O

Coordinates up to 208 digital I/O points

CAN equipment integration

Coordinates up to 80 analog I/O points

CPU service replacement

Integrates isolated network-capable CAN

TECHNICAL NOTE

Back up program and retained data, record screw-in modules and I/O allocation, then verify every configured channel after controlled startup.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	7CP474.60-1 / 7CP474.60-1 recorded
Physical interface	System 2003 rack and I/O
Companion check	24 V DC supply
Functional proof	Provides 100 kB SRAM and 512 kB FlashPROM
Application test	Compact System 2003 controller

5 Engineering Precautions

1. Verify the full 7CP474.60-1 marking and its assigned B&R System 2003 PLC position before work.
2. Place the connected machine or process in the approved maintenance state.
3. Isolate the applicable supply and plc execution plus mixed system 2003 i/o and can 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
CC-TCNT01-51308307-175	Related industrial automation product	View CC-TCNT01-51308307-175 page
MC-TAMT04-51305890-175	Related industrial automation product	View MC-TAMT04-51305890-175 page
MC-TAMR04-51305907-175	Related industrial automation product	View MC-TAMR04-51305907-175 page
MC-TSIM12-51303932-476	Related industrial automation product	View MC-TSIM12-51303932-476 page
MC-TAIH04-51305900-175	Related industrial automation product	View MC-TAIH04-51305900-175 page
MC-TAIH14-51305887-150	Related industrial automation product	View MC-TAIH14-51305887-150 page
MC-TAOY25-51305865-275	Related industrial automation product	View MC-TAOY25-51305865-275 page
MC-TPIX12-51304084-175	Related industrial automation product	View MC-TPIX12-51304084-175 page

MANUFACTURER SOURCE RECORD

B&R official product data sheet

B&R product data

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