APTER POWER

PRODUCT TECHNICAL REFERENCE

INDUSTRIAL AUTOMATION PRODUCT

7CP476.60-1

System 2003 CPU

PLC execution plus RS232, CAN and System 2003 I/O data

IDENTITY	VERIFIED VALUE
Manufacturer	B&R
System family	B&R System 2003 PLC
Part number	7CP476.60-1
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	750 kB
FlashPROM	1.5 MB
Supply	24 V DC
Power consumption	12.5 W
Interfaces	RS232; CAN
CAN	Electrically isolated; network-capable
Expansion	4 screw-in module slots

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 750 kB SRAM
Controlled acceptance duty	System 2003 machine controller

3 System Role and Architecture

PLC execution plus RS232, CAN and System 2003 I/O data

FUNCTION 1

Provides 750 kB SRAM

FUNCTION 2

Provides 1.5 MB FlashPROM

FUNCTION 3

Integrates isolated network-capable CAN

FUNCTION 4

Accepts four screw-in interface modules

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 750 kB SRAM
Controlled acceptance duty	System 2003 machine controller

4 Applications and Engineering Context

System 2003 machine controller

Provides 750 kB SRAM

CAN device integration

Provides 1.5 MB FlashPROM

Serial equipment control

Integrates isolated network-capable CAN

Legacy CPU replacement

Accepts four screw-in interface modules

TECHNICAL NOTE

Back up application and retained data, identify all screw-in modules, record CAN node settings and verify I/O before production restart.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	7CP476.60-1 / 7CP476.60-1 recorded
Physical interface	System 2003 rack and I/O
Companion check	24 V DC supply
Functional proof	Provides 750 kB SRAM
Application test	System 2003 machine controller

5 Engineering Precautions

1. Verify the full 7CP476.60-1 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 rs232, can and system 2003 i/o 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
NISA-03	Related industrial automation product	**View NISA-03 page**
NAOM01	Related industrial automation product	**View NAOM01 page**
MZ03	Related industrial automation product	**View MZ03 page**
MPRC-086349-002	Related industrial automation product	**View MPRC-086349-002 page**
MM21	Related industrial automation product	**View MM21 page**
MB510-3BSE002540R1	Related industrial automation product	**View MB510-3BSE002540R1 page**
MB21	Related industrial automation product	**View MB21 page**
MAI32MAD	Related industrial automation product	**View MAI32MAD page**

MANUFACTURER SOURCE RECORD

B&R official product data sheet

B&R product data

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