3CP340.60-2

System 2005 industrial CPU

PLC application execution plus Ethernet, serial and aPCI data

PRODUCT SNAPSHOT

BRAND B&R	FAMILY B&R System 2005 PLC
PART 3CP340.60-2	ORIGIN / HS Austria / 8537101190

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PRODUCT OVERVIEW

PLC application execution plus Ethernet, serial and aPCI data

1. Uses a 166 MHz Intel Pentium processor
2. Provides 32 MB DRAM and 512 kB SRAM
3. Includes one aPCI expansion slot
4. Integrates 100BASE-T Ethernet

SYSTEM COMPONENTS

- System 2005 rack
- CompactFlash application media
- approved aPCI interface module
- Automation Studio project

TECHNICAL NOTE

Back up CompactFlash and SRAM-retained data, record aPCI hardware and interface addresses, then verify task timing and communications.

TECHNICAL DATA

PARAMETER	VALUE
Processor	Intel Pentium; 166 MHz
DRAM	32 MB
SRAM	512 kB

PARAMETER	VALUE
Application storage	CompactFlash
Expansion	1 aPCI slot
Interfaces	USB; RS232; 100BASE-T Ethernet

ENGINEERING NOTE

Back up CompactFlash and SRAM-retained data, record aPCI hardware and interface addresses, then verify task timing and communications.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
330909-00-60-10-01-05	Related industrial automation product	View 330909-00-60-10-01-05 page
330103-00-06-50-02-00	Related industrial automation product	View 330103-00-06-50-02-00 page
330101-37-57-10-02-05	Related industrial automation product	View 330101-37-57-10-02-05 page
24765-01-00	Related industrial automation product	View 24765-01-00 page
147364-01	Related industrial automation product	View 147364-01 page
149844-01	Related industrial automation product	View 149844-01 page
TK-3E-177313-02-01	Related industrial automation product	View TK-3E-177313-02-01 page
DDM3U-1-320V-30A-SR	Related industrial automation product	View DDM3U-1-320V-30A-SR page

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

System 2005 controller renewal

Uses a 166 MHz Intel Pentium processor

Ethernet PLC integration

Provides 32 MB DRAM and 512 kB SRAM

Serial machine communication

Includes one aPCI expansion slot

Legacy application recovery

Integrates 100BASE-T Ethernet

PRODUCT PRECAUTIONS

1. Verify the full 3CP340.60-2 marking and its assigned B&R System 2005 PLC position before work.
2. Place the connected machine or process in the approved maintenance state.
3. Isolate the applicable supply and plc application execution plus ethernet, serial and apci 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.
6. Confirm the installed System 2005 rack and CompactFlash application media against the approved project.
7. Restore power in a controlled sequence and review device, network and host diagnostics.
8. Prove the intended system 2005 controller renewal function and retain the final test result.

ENGINEER FAQ

Q1 Does 3CP340.60-2 match System 2005 rack in a System 2005 controller renewal installation?

Verify the complete 3CP340.60-2 marking, the documented B&R System 2005 PLC position and the installed System 2005 rack before fitting the assembly.

Q2 How should 3CP340.60-2 be wired when it must uses a 166 mhz intel pentium processor?

Isolate the circuit, identify every terminal and reproduce the approved polarity, shield and channel assignment for 3CP340.60-2; then continuity-test the affected path.

Q3 Which B&R System 2005 PLC records should be captured before removing 3CP340.60-2?

Record the as-found wiring, installed position, active configuration and diagnostic state associated with 3CP340.60-2 before disconnection.

Q4 What controlled test confirms that 3CP340.60-2 can provides 32 mb dram and 512 kb sram?

Apply the approved field or simulated stimulus, observe the B&R System 2005 PLC indication and confirm the intended response without bypassing the normal interlocks.

Q5 Which CompactFlash application media condition should be checked when 3CP340.60-2 reports an abnormal state?

Check the CompactFlash application media supply, seating and connection first, then compare channel diagnostics with the recorded 3CP340.60-2 baseline.

Q6 Can 3CP340.60-2 be moved directly into Ethernet PLC integration without validating Automation Studio project?

No. Confirm the Automation Studio project, revision, connection scheme and B&R System 2005 PLC configuration before transferring 3CP340.60-2 to that duty.

Q7 What maintenance evidence is required after 3CP340.60-2 is used for Serial machine communication?

Retain the nameplate record, corrective action, final diagnostics and a controlled serial machine communication functional-test result for 3CP340.60-2.

Q8 How should 3CP340.60-2 be returned to service in Legacy application recovery?

Restore power under control, verify includes one apci expansion slot, exercise the intended signal path and release 3CP340.60-2 only after the B&R System 2005 PLC remains in its approved operating state.

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