

Installation Identity and Scope

ABB PAB02 P70870-4-0369059 369059A10 is a Hartmann & Braun Contronic P binary output module. The complete PAB02, P70870-4-0369059 and 369059A10 identity must remain together when selecting or replacing the board.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	PAB02 P70870-4-0369059 369059A10
Manufacturer	ABB
Hardware role	Binary Output Module
System family	H&B; Contronic P

Controlled engineering copy

Record the complete PAB02 P70870-4-0369059 369059A10 marking, rack position, connected output circuits and installed revision before removal.

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PAB02 P70870-4-0369059 369059A10

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Verify ABB PAB02 P70870-4-0369059 369059A10 as one complete identity.
2	Record the rack, slot and every connected output circuit before work.
3	Place controlled equipment in the approved safe state before removing the module.
4	Use ESD controls and inspect the card-edge connector and backplane.
5	Do not substitute another PAB revision from the PAB02 name alone.
6	Match the installed Hartmann & Braun Contronic P arrangement.
7	Restore the original wiring and retained interlocks exactly as recorded.
8	Test every affected binary output under controlled conditions before release.

Before Energization

CONTROL	REQUIRED RECORD
Identity	Complete PAB02 P70870-4-0369059 369059A10 marking and hardware role
Connections	Approved power, grounding and protocol interfaces
Configuration	Controlled backup, addressing and protocol files
Test plan	Defined acceptance values and controlled restart authority

Related Products

MODEL	APTER POWER PAGE
ABB NTMF01	View ABB NTMF01
ABB IMAMM03	View ABB IMAMM03
ABB IMCOM03	View ABB IMCOM03

Release hold point

Do not disturb the installed device until exact marking, interfaces, companion hardware and configured function are documented.

Wiring, Network and Configuration Checks

CHECK	MODEL-SPECIFIC REQUIREMENT
Additional board marking	369059A10
Product type	Binary output module
System family	Hartmann & Braun Contronic P
Manufacturer identity	ABB / Hartmann & Braun
Selection boundary	Use the complete three-part identity

Configuration boundary

Record the complete PAB02 P70870-4-0369059 369059A10 marking, rack position, connected output circuits and installed revision before removal.

Expected Technical Values

PARAMETER	VALUE
Product identity	PAB02
Model type	P70870-4-0369059
Additional board marking	369059A10
Product type	Binary output module

Related Products

MODEL	APTER POWER PAGE
ABB NTDI01	View ABB NTDI01
ABB INNPM22	View ABB INNPM22
ABB IMRIO02	View ABB IMRIO02

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	Manufacturer and complete PAB02 P70870-4-0369059 369059A10 marking match the record.
Power	Measured supply agrees with the documented operating requirement.
Interface	Connectors, addressing and network parameters match the approved project.
Configuration	Protocol files, framing and mapped data areas match the controlled backup.
Diagnostics	No unexplained status, counter or communication fault remains.
Functional proof	Controlled bidirectional data transfer completes successfully.
Release	Final values and test results are retained with restart approval.

Questions to Resolve

QUESTION	ENGINEERING ANSWER
What is ABB PAB02 P70870-4-0369059 369059A10?	It is a Hartmann & Braun Contronic P binary output module identified by the complete three-part marking.
What function does ABB PAB02 P70870-4-0369059 369059A10 provide?	It provides the binary-output board role in the matching Contronic P system.

Related Products

MODEL	APTER POWER PAGE
ABB IMCOM03	View ABB IMCOM03
ABB NTDI01	View ABB NTDI01
ABB INNPM22	View ABB INNPM22
ABB IMRIO02	View ABB IMRIO02
ABB IMSPM01	View ABB IMSPM01

Source, Related Products and Release

MODEL	APTER POWER PAGE
ABB SPIET800	View ABB SPIET800
ABB IET800	View ABB IET800
ABB RLON-01	View ABB RLON-01
ABB NTMF01	View ABB NTMF01
ABB IMAMM03	View ABB IMAMM03

MANUFACTURER SOURCE RECORDS

1. Classic Automation ABB PAB-02 Exact Product Record
2. Radwell ABB/Hartmann & Braun Contronic P Catalog Record

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	PAB02 P70870-4-0369059 369059A10 recorded
Interface	Connections and companion hardware verified
Configuration	Installed values agree with approved record
Functional proof	Controlled test completed without unexplained fault

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