

Installation Identity and Scope

ABB PU513V2 3BSE013034R1 is an ISA real-time accelerator board with dual MasterBus 300 channels, used in an AdvaCommand UNIX workstation for connection to an MB300 control network.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	PU513V2 3BSE013034R1
Manufacturer	ABB
Hardware role	Dual MB300 RTA
System family	800xA Advant Master

Controlled engineering copy

Record the AdvaCommand workstation, ISA slot, both MB300 channels and installed communication configuration. ABB states that PU513V2 is not reused in an 800xA connectivity server and is replaced there by PU410.

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com



PU513V2 3BSE013034R1

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Verify ABB PU513V2 3BSE013034R1 before work.
2	Record the AdvCommand workstation and ISA slot assignment.
3	Back up both MB300 channel settings and node records.
4	Label both network connections before removing the board.
5	Use ESD controls and inspect the ISA connector before insertion.
6	Do not install PU513V2 in an 800xA connectivity server as a reused board.
7	Use the ABB-documented PU410 migration path where applicable.
8	Verify both MB300 channels and workstation communication before release.

Before Energization

CONTROL	REQUIRED RECORD
Identity	Complete PU513V2 3BSE013034R1 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

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
Product type	Real-time accelerator board
Host bus	ISA
Network channels	Dual MasterBus 300
Host platform	AdvaCommand UNIX workstation
Network role	Connection to the MB300 control network
800xA reuse	Not reused in the connectivity server
800xA replacement	PU410

Configuration boundary

Record the AdvaCommand workstation, ISA slot, both MB300 channels and installed communication configuration. ABB states that PU513V2 is not reused in an 800xA connectivity server and is replaced there by PU410.

Expected Technical Values

PARAMETER	VALUE
Product identity	PU513V2
ABB item	3BSE013034R1
Product type	Real-time accelerator board
Host bus	ISA

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	Manufacturer and complete PU513V2 3BSE013034R1 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 PU513V2 3BSE013034R1?	It is an ISA real-time accelerator board with dual MasterBus 300 channels.
Which host uses ABB PU513V2 3BSE013034R1?	ABB documents the board in an AdvaCommand UNIX workstation.

Related Products

MODEL	APTER POWER PAGE
ABB 07SK90R1 GJR5250200R0001	View ABB 07SK90R1 GJR5250200R0001
ABB 07ZE61R302 GJV3074321R302	View ABB 07ZE61R302 GJV3074321R302
ABB 086363-002	View ABB 086363-002
ABB 086364-001	View ABB 086364-001

Source, Related Products and Release

MODEL	APTER POWER PAGE
ABB 0G0010-00-090	View ABB 0G0010-00-090
ABB 1HSB495663-3	View ABB 1HSB495663-3
ABB P4LR 1KHL015107R0001	View ABB P4LR 1KHL015107R0001
ABB G4AI 1KHL015623R0001	View ABB G4AI 1KHL015623R0001

MANUFACTURER SOURCE RECORDS

1. ABB PU513V2 3BSE013034R1 Official Product Record
2. ABB 800xA for Advant Master Configuration 3BSE030340

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	PU513V2 3BSE013034R1 recorded
Interface	Connections and companion hardware verified
Configuration	Installed values agree with approved record
Functional proof	Controlled test completed without unexplained fault

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com



PU513V2 3BSE013034R1