

PU513V2 3BSE013034R1

Dual MB300 RTA

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.

IDENTITY	VERIFIED VALUE
Manufacturer	ABB
Complete model	PU513V2 3BSE013034R1
Product role	Dual MB300 RTA
System family	800xA Advant Master

MANUFACTURER SOURCE RECORDS

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

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Product Overview

System function

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.

Dual MB300 channels

Provides two documented MasterBus 300 communication channels.

Real-time acceleration

Supports the RTA communication function in the AdvaCommand workstation.

ISA host interface

Connects through the documented ISA workstation bus.

Migration boundary

Requires PU410 rather than board reuse in an 800xA connectivity server.

Technical note

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.

Technical Data and Acceptance

PARAMETER	VERIFIED VALUE	PARAMETER	VERIFIED VALUE
Product identity	PU513V2	Host platform	AdvaCommand UNIX workstation
ABB item	3BSE013034R1	Network role	Connection to the MB300 control network
Product type	Real-time accelerator board	800xA reuse	Not reused in the connectivity server
Host bus	ISA	800xA replacement	PU410
Network channels	Dual MasterBus 300		

Engineering 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.

Applications and Engineering FAQ

APPLICATION	ENGINEERING CONTEXT
AdvaCommand communication	Connects an AdvaCommand UNIX workstation to the MB300 control network.
Dual-channel MB300	Provides the two documented network channels for controlled communication.
Legacy RTA replacement	Replaces the same PU513V2 identity in a compatible ISA host.
800xA migration	Uses the documented PU410 replacement path for a connectivity server.

Model-Specific FAQ - Part 1

QUESTION	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 G4AK 1KHL016009R0001	View ABB G4AK 1KHL016009R0001
ABB 1KHL178016R0001F	View ABB 1KHL178016R0001F
ABB 1KHW001381R0001	View ABB 1KHW001381R0001
ABB 1KHW001432R0001	View ABB 1KHW001432R0001

FAQ, Related Products and Sources

QUESTION	ANSWER
How many MB300 channels does ABB PU513V2 3BSE013034R1 provide?	It provides two MasterBus 300 channels.
Which host bus does ABB PU513V2 3BSE013034R1 use?	ABB identifies PU513V2 as an ISA RTA board.
What network does ABB PU513V2 3BSE013034R1 connect to?	It connects the workstation to the MB300 control network.
Can ABB PU513V2 3BSE013034R1 be reused in an 800xA connectivity server?	No. ABB states that PU513V2 cannot be reused in that server role.
What replaces ABB PU513V2 3BSE013034R1 in an 800xA connectivity server?	ABB identifies PU410 as the replacement RTA unit.
What confirms ABB PU513V2 3BSE013034R1 commissioning?	The host, slot, both MB300 channels and workstation communication must match the approved record.

MODEL	APTER POWER PAGE
ABB DI811	View ABB DI811
ABB TU831V1 3BSE013235R1	View ABB TU831V1 3BSE013235R1
ABB DSBC174 3BSE012211R1	View ABB DSBC174 3BSE012211R1
ABB SR511 3BSE000863R1	View ABB SR511 3BSE000863R1

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