

PM632 3BSE005831R1

Processor Unit

ABB PM632 3BSE005831R1 is a processor unit for Advant Controller 110. ABB identifies the processor as an MC68000 operating at 16 MHz and lists a dedicated battery replacement kit.

IDENTITY	VERIFIED VALUE
Manufacturer	ABB
Complete model	PM632 3BSE005831R1
Product role	Processor Unit
System family	Advant Controller 110

Document scope

Exact identity, verified technical data, applications, precautions, model-specific FAQ and controlled acceptance records.

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Technical Specifications

PARAMETER	VERIFIED VALUE
Product identity	PM632
ABB item	3BSE005831R1
Product type	Processor unit
Controller family	Advant Controller 110
Processor	MC68000

PARAMETER	VERIFIED VALUE
Clock frequency	16 MHz
Battery replacement kit	GJR5146300R9
Lifecycle status	No longer for sale
ABB product category	Control Systems / Advant OCS / Advant Controller 110 / Central Units

Engineering boundary

Retain PM632 and 3BSE005831R1 as one item identity. Back up the controller application and installed hardware configuration before replacing the processor unit.

Identity Acceptance

CONTROL	VERIFIED VALUE
Product identity	PM632
ABB item	3BSE005831R1
Product type	Processor unit
Controller family	Advant Controller 110

Related Products

MODEL	APTER POWER PAGE
ABB DSTK221L3 3BSC950164R30	View ABB DSTK221L3 3BSC950164R30
ABB NTCS04	View ABB NTCS04
ABB NTCL01	View ABB NTCL01

Functions and Applications

Controller processing Executes the documented Advant Controller 110 processor role.	MC68000 architecture Uses the documented 16 MHz MC68000 processor.
Battery service path Uses the listed GJR5146300R9 replacement kit.	Exact-item control Combines PM632 and 3BSE005831R1 for controlled selection.

Common Applications

APPLICATION	ENGINEERING CONTEXT
Advant Controller 110 CPU service	Maintains the processor function in an installed Advant Controller 110.
Legacy controller replacement	Replaces the exact PM632 item after application and hardware records are secured.
Battery maintenance	Uses the documented replacement kit under the approved controller procedure.
Controller recommissioning	Restores the approved application and verifies connected control functions.

Related Products

MODEL	APTER POWER PAGE
ABB NTDO02	View ABB NTDO02
ABB NTDI02	View ABB NTDI02
ABB NTAI04	View ABB NTAI04

Controlled acceptance duty

Confirm identity, interfaces, configured values and functional response against the installed-system record before release.

Engineering Precautions

NO.	PRECAUTION
1	Verify ABB PM632 3BSE005831R1 before work.
2	Back up the complete controller application and current configuration.
3	Record the rack, slot, communication links and connected I/O arrangement.
4	Follow the approved battery-retention procedure before disturbing the processor unit.
5	Use only the documented GJR5146300R9 battery replacement kit where applicable.
6	Use ESD controls and inspect the backplane connector before insertion.
7	Do not infer compatibility from the PM632 name without checking 3BSE005831R1.
8	Verify diagnostics, communication, application execution and affected I/O before release.

Model-Specific FAQ - Part 1

QUESTION	ANSWER
What is ABB PM632 3BSE005831R1?	It is the processor unit for an Advant Controller 110.
Which processor is used in ABB PM632 3BSE005831R1?	ABB identifies an MC68000 processor.
What is the clock frequency of ABB PM632 3BSE005831R1?	The documented clock frequency is 16 MHz.
Which battery kit is listed for ABB PM632 3BSE005831R1?	ABB lists battery replacement kit GJR5146300R9.

Related Products

MODEL	APTER POWER PAGE
ABB DSTK221L3 3BSC950164R30	View ABB DSTK221L3 3BSC950164R30
ABB NTCS04	View ABB NTCS04
ABB NTCL01	View ABB NTCL01
ABB NTDO02	View ABB NTDO02
ABB NTDI02	View ABB NTDI02

Model-Specific FAQ - Part 2

QUESTION	ANSWER
What is the lifecycle status of ABB PM632 3BSE005831R1?	ABB identifies the item as no longer for sale.
Which controller family uses ABB PM632 3BSE005831R1?	It is cataloged under Advant Controller 110 central units.
What must be backed up before replacing ABB PM632 3BSE005831R1?	Back up the controller application, hardware configuration and communication settings.
What confirms ABB PM632 3BSE005831R1 commissioning?	Processor diagnostics, application execution, communication and affected I/O must match the approved record.

Related Products and Release

MODEL	APTER POWER PAGE
ABB NTAI04	View ABB NTAI04
ABB DSSS170 48970001-A	View ABB DSSS170 48970001-A
ABB IMSET01	View ABB IMSET01
ABB IMASO11	View ABB IMASO11
ABB IMASI03	View ABB IMASI03

MANUFACTURER SOURCE RECORDS

1. ABB PM632 3BSE005831R1 Product Details Record
2. ABB Advant Controller 110 Central Units Catalog Record

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