

PM860K01 3BSE018100R1

CPU Kit

ABB PM860K01 3BSE018100R1 is an AC 800M processor-unit kit. ABB identifies the kit with a PM860 CPU, TP830 baseplate, TB850 CEX-bus terminator, TB807 ModuleBus terminator and battery.

IDENTITY	VERIFIED VALUE
Manufacturer	ABB
Complete model	PM860K01 3BSE018100R1
Product role	CPU Kit
System family	AC 800M

MANUFACTURER SOURCE RECORDS

- 1. ABB PM860K01 3BSE018100R1 Official Product Record
- 2. ABB System 800xA Product Catalog 3BSE078160

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PM860K01 3BSE018100R1

Product Overview

System function

ABB PM860K01 3BSE018100R1 is an AC 800M processor-unit kit. ABB identifies the kit with a PM860 CPU, TP830 baseplate, TB850 CEX-bus terminator, TB807 ModuleBus terminator and battery.

AC 800M processing

Executes the AC 800M controller application on the PM860 CPU.

CEX-bus termination

Uses the included TB850 to terminate the CEX-bus arrangement.

ModuleBus termination

Uses the included TB807 for the documented ModuleBus termination point.

Kit-level replacement

Keeps the processor, baseplate, terminators and battery under one controlled identity.

Technical note

Keep the complete PM860K01 3BSE018100R1 identity with the installed kit contents. Back up the controller application, firmware, network addresses and hardware configuration before replacement.

Technical Data and Acceptance

PARAMETER	VERIFIED VALUE	PARAMETER	VERIFIED VALUE
Product identity	PM860K01	Baseplate	TP830
ABB item	3BSE018100R1	CEX-bus terminator	TB850
Controller family	AC 800M	ModuleBus terminator	TB807
CPU	PM860	Battery	Included in kit
Processor clock	48 MHz	Kit function	Processor unit and required termination accessories
Memory	16 MB		
		Configuration control	Control Builder project and hardware tree

Engineering boundary

Keep the complete PM860K01 3BSE018100R1 identity with the installed kit contents. Back up the controller application, firmware, network addresses and hardware configuration before replacement.

Applications and Engineering FAQ

APPLICATION	ENGINEERING CONTEXT
AC 800M controller	Runs a configured process-control application in the AC 800M system.
Processor replacement	Restores an exact PM860 controller from the approved Control Builder project.
Bus termination service	Maintains the documented CEX-bus and ModuleBus termination arrangement.
System recommissioning	Verifies controller, communication and I/O status after controlled replacement.

Model-Specific FAQ - Part 1

QUESTION	ANSWER
What is ABB PM860K01 3BSE018100R1?	ABB PM860K01 3BSE018100R1 is an AC 800M processor-unit kit built around the PM860 CPU.
Which CPU is in ABB PM860K01 3BSE018100R1?	The kit contains the ABB PM860 processor unit.

Related Products

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

FAQ, Related Products and Sources

QUESTION	ANSWER
Which baseplate is in ABB PM860K01 3BSE018100R1?	ABB lists the TP830 baseplate in the kit.
Which terminators are in ABB PM860K01 3BSE018100R1?	ABB lists the TB850 CEX-bus terminator and TB807 ModuleBus terminator.
What processor data is documented for ABB PM860K01 3BSE018100R1?	ABB catalog data lists a 48 MHz processor and 16 MB memory for PM860.
Which configuration must be backed up for ABB PM860K01 3BSE018100R1?	Back up the Control Builder project, application, hardware tree, firmware and network addressing.
Can a nearby PM860 kit replace ABB PM860K01 3BSE018100R1 automatically?	No. The item identity, hardware contents, firmware and project compatibility require controlled review.
What confirms ABB PM860K01 3BSE018100R1 commissioning?	Controller diagnostics, application execution, communication and affected I/O must match the approved acceptance record.

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

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