

Installation Identity and Scope

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.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	PM860K01 3BSE018100R1
Manufacturer	ABB
Hardware role	CPU Kit
System family	AC 800M

Controlled engineering copy

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

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com



PM860K01 3BSE018100R1

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Verify ABB PM860K01 3BSE018100R1 as the complete kit identity.
2	Back up the current Control Builder project and controller application.
3	Record firmware, IP settings, controller address and connected communication units.
4	Record the TP830, TB850 and TB807 positions before removal.
5	Use ESD controls and preserve the approved battery-handling procedure.
6	Do not mix a nearby PM860 kit revision without documented compatibility.
7	Restore the approved hardware tree and application after installation.
8	Verify controller diagnostics, communication and affected I/O before release.

Before Energization

CONTROL	REQUIRED RECORD
Identity	Complete PM860K01 3BSE018100R1 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
Controller family	AC 800M
CPU	PM860
Processor clock	48 MHz
Memory	16 MB
Baseplate	TP830
CEX-bus terminator	TB850
ModuleBus terminator	TB807
Battery	Included in kit

Configuration 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.

Expected Technical Values

PARAMETER	VALUE
Kit function	Processor unit and required termination accessories
Configuration control	Control Builder project and hardware tree

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	Manufacturer and complete PM860K01 3BSE018100R1 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 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 07KT92 JR5250500R0902	View ABB 07KT92 JR5250500R0902
ABB 07KR91 GJR5250000R0101	View ABB 07KR91 GJR5250000R0101
ABB 07KP90 GJR5251000R0202	View ABB 07KP90 GJR5251000R0202

Source, Related Products and Release

MODEL	APTER POWER PAGE
ABB 07EB62R1 GJV3074342R1	View ABB 07EB62R1 GJV3074342R1
ABB 07KP60R101 GJV3074360R101	View ABB 07KP60R101 GJV3074360R101
ABB 07NG61R1 GJV3074311R1	View ABB 07NG61R1 GJV3074311R1

MANUFACTURER SOURCE RECORDS

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

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	PM860K01 3BSE018100R1 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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