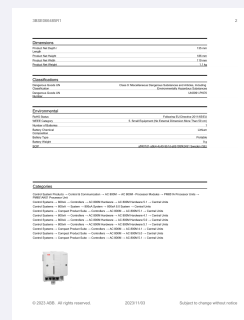


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

3BSE066485R1,PM851AK01

AC 800M processor unit kit



PRODUCT	3BSE066485R1,PM851AK01
FAMILY	ABB AC 800M controllers
FUNCTION	AC 800M processor unit kit
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from ABB Advant AC800M documentation. This guide supplements the complete manufacturer manual and site procedure.

01

CONFIRM THE ORDERED CONFIGURATION

Clock Frequency	24 MHz
Memory	12 MB
Processor Type	MPC860
Performance	0.46 ms per 1000 boolean operations
Application RAM	6.253 MB
Flash PROM	2 MB

02

PREPARATION AND CONNECTION

- Confirm the complete 3BSE066485R1,PM851AK01 article number and installed revision.
- Isolate applicable electrical and process energy using the approved site procedure.
- Record every connector, cable, terminal, shield and protective-earth connection before removal.
- Install without forcing keyed parts, then secure terminals, latches, fasteners and cable supports.

OFFICIAL INSTALLATION REFERENCE

3BSE066485R1

2

Dimensions

Product Net Depth / Length	135 mm
Product Net Height	186 mm
Product Net Width	119 mm
Product Net Weight	1.1 kg

Classifications

Dangerous Goods UN Classification	Class 9: Miscellaneous Dangerous Substances and Articles, Including Environmentally Hazardous Substances
Dangerous Goods UN Number	UN3091-PI970

Environmental

RoHS Status	Following EU Directive 2011/65/EU
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
Number of Batteries	1
Battery Chemical Composition	Lithium
Battery Type	Portable
Battery Weight	9 g
SCIP	aff407d1-a6b4-4c40-9b1d-a8b195f42491 Sweden (SE)

Categories

Control System Products → Control & Communication → AC 800M → AC 800M - Processor Modules → PM851A Processor Units → PM851AK01 Processor Unit

Control Systems → 800xA → Controllers → AC 800M Hardware → AC 800M Hardware 5.1 → Central Units

Control Systems → 800xA → System → 800xA System → 800xA 6.0 System → Central Units

Control Systems → Compact Product Suite → Controllers → AC 800M → AC 800M 5.1 → Central Units

Control Systems → 800xA → Controllers → AC 800M Hardware → AC 800M Hardware 4.1 → Central Units

Control Systems → 800xA → Controllers → AC 800M Hardware → AC 800M Hardware 5.0 → Central Units

Control Systems → 800xA → Controllers → AC 800M Hardware → AC 800M Hardware 5.1 → Central Units

Control Systems → Compact Product Suite → Controllers → AC 800M → AC 800M 4.1 → Central Units

Control Systems → Compact Product Suite → Controllers → AC 800M → AC 800M 5.0 → Central Units

Control Systems → Compact Product Suite → Controllers → AC 800M → AC 800M 5.1 → Central Units



04 COMMISSIONING CHECKS

- 01 Confirm product identity and mechanical seating.
- 02 Verify the documented supply before energising.
- 03 Inspect polarity, shielding and protective-earth connections.
- 04 Restore power in the approved sequence and observe status indications.
- 05 Test each connected input, output or communication path.
- 06 Record diagnostics and functional-test results before return to service.

05 CONTROLLED DOCUMENT

Official source	Siemens manufacturer product data and technical documentation for 3BSE066485R1,PM851AK01
Product record	3BSE066485R1,PM851AK01
Manufacturer	ABB Advant AC800M
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

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