

ABB AC 800M CONTROLLERS

Product Data Sheet

3BSE066485R1,PM851AK01

AC 800M processor unit kit

FUNCTION	FAMILY	ORIGIN	WEIGHT
AC 800M processor unit kit	ABB AC 800M controllers	Sweden	0.9 kg

ABB Advant AC800M 3BSE066485R1,PM851AK01 is a AC 800M processor unit kit for the ABB AC 800M controllers. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

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
Power Supply	24 V DC (19.2-30 V DC)
Power Consumption	180 / 300 mA typical / maximum
Power Dissipation	4.32 W; 7.2 W maximum
Rated Supply	24 V DC

- Use the documented AC 800M processor unit kit: Apply 3BSE066485R1,PM851AK01 only in the manufacturer-specified ABB AC 800M controllers position. Match the complete article number, electrical interfaces and adjacent hardware before service.
- Preserve interfaces and module position: Record connector keying, terminal assignments, shields, protective earth and neighboring assemblies for 3BSE066485R1,PM851AK01; restore the same controlled arrangement during installation.
- Validate the restored control function: After installing 3BSE066485R1,PM851AK01, review system diagnostics and test the affected signals, communication or controlled equipment at a safe operating point. Record the final acceptance results.

Match 3BSE066485R1,PM851AK01 to the installed ABB AC 800M controllers, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

ABB manufacturer technical documentation

<https://compacthardwareselector.automation.abb.com/product/pm851ak01>