

ABB AC 800M CONTROLLER POWER ACCESSORIES

Product Data Sheet

SB822 3BSE018172R1

rechargeable battery unit

FUNCTION rechargeable battery unit	FAMILY ABB AC 800M controller power	ORIGIN Sweden	WEIGHT 0.55 kg
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ABB Advant OCS and Advant-800xA SB822 3BSE018172R1 is a rechargeable battery unit for the ABB AC 800M controller power accessories. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Exact Article Code	SB822 3BSE018172R1
Product Class	Rechargeable Battery Unit
Product Family	ABB AC 800M controller power accessories
Battery Count	1 lithium-ion battery
Input Current	0.10 A maximum
Output Voltage	3.6 V DC
Output Current	0.05 A maximum
Battery Metal Content	0.8 g lithium
Mounting	External DIN rail
Included Cable	TK821V020 connection cable

ADDITIONAL PRODUCT DATA

Included Connector	24 V DC connector
Net Weight	0.55 kg
System Use	AC 800M memory backup

OFFICIAL APPLICATIONS

- Maintain aseptic filling with Rechar Able process control: For the coordinated operation of the fillers and container conveyors, SB822 3BSE018172R1 operates in its approved product-family role as a rechar able battery unit. During line-speed ramp, the system uses this function to keep container flow synchronized with filling demand, helping it move accepted containers toward inspection.
- Verify compressor-train operation during throughput change: Inside the compressors, seals and antisurge loops, SB822 3BSE018172R1 performs its assigned control role as a rechar able battery unit. During throughput change, the system uses this function to coordinate the control and protection signals for the train, helping it keep the rotating train inside its operating envelope.
- Sequence utility distribution with Rechar Able: For the coordinated operation of the steam, cooling and instrument-air headers, SB822 3BSE018172R1 serves its documented function as a rechar able battery unit. During utility constraint, the system uses this function to prioritize process users from measured demand, helping it protect production continuity during the constraint.

SYSTEM COMPATIBILITY

Match SB822 3BSE018172R1 to the installed ABB AC 800M controller power accessories, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ABB official product documentation and manufacturer catalog](#)

AMIKON PRODUCT SUPPORT

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