

DATA SHEET

SB822

Compact Product Suite hardware selector

External DIN-rail mounted rechargeable battery unit for AC 800M controllers, including lithium-ion battery, 24V DC connector, and connection cable TK821V020. Width=85 mm. Equivalent amount of Lithium metal=0,8g (0,03oz)



Features and benefits

- Simple DIN-rail mounting
- Battery back-up for AC 800M

General info	
Article number	3BSE018172R1
Туре	Rechargeable battery unit
Rated output voltage	3.6 V

Detailed data	
Maximum output current	0.05 A
Maximum ambient temperature	0 to +55 °C (+32 to +131 °F)

Environment and certification		
CE mark	Yes	
Protection rating	IP20 according to IEC 60529	
Corrosive atmosphere ISA-S71.04	G2	
Pollution degree	Degree 2, IEC 60664-1	
Mechanical operating conditions	IEC 61131-2	
RoHS compliance	DIRECTIVE/2011/65/EU (EN 50581:2012)	
WEEE compliance	DIRECTIVE/2012/19/EU	

Dimensions	
Width	85.8 mm (3.38")
Depth	58.5 mm (2.3")
Height	136 mm (5.35") incl. hatch
Weight (lbs.)	550 g (01.21 lbs.)



solutions.abb/compactproductsuite solutions.abb/controlsystems

We reserve the right to make technical changes to the products or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail. ABB does not assume any responsibility for any errors or incomplete information in this document.

We reserve all rights to this document and the items and images it contains. The reproduction, disclosure to third parties or the use of the content of this document – including parts thereof – are prohibited without ABB's prior written permission.

Copyright© 2025 ABB All rights reserved