

ABB SB512

Power Supply

Manufacturer	ABB
Model / order number	SB512 / 3BSE002098R1
Product identification	Power Supply
System / family context	Advant Master / external modem supply

Verified scope

The ABB catalog specifies 110/230 V AC or DC input with +10% / -15% tolerance, and 19-25 V output at 1 A maximum (20 W). The output current and power limits both apply.

Engineering checks before replacement

- Verify the installed AC or DC input supply and complete order number.
- Check output voltage, load current and total power against all catalog limits.
- Match TK404 cable and X4 connector requirements to the existing assembly.
- Follow the installed fuse specification and the approved isolation procedure.

Official ABB source reference

ABB Product Details: 3BSE002098R1. Original pages 1-3, dated 2026-09-08.

Open original ABB manufacturer reference

This cover is an independent Sales PLC reference, not a manufacturer-issued datasheet. The following manufacturer pages retain their original text, layout and page numbering.

Request model verification or a quotation

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PRODUCT-DETAILS

3BSE002098R1

SB512 Power Supply. Input 110/230V AC



General Information	
Product ID:	3BSE002098R1
ABB Type Designation:	SB512
Catalog Description:	SB512 Power Supply. Input 110/230V AC
Long Description:	SB512 Power Supply. Input 110/230V AC or DC, +10%-15%. Output 19-25V 1A max (20W). See spare part: connection cable TK404 3BSE003774R1 connection plug X4 2664177-3 Fuse Link 5 x 20 mm 3BSC770001R44 1.0 A 250V 56722011-17 2A 250V Note! This part is exempted from the scope of 2011/65/EU (RoHS) as provided in Article 2(4)(c), (e), (f) and (j) therein (ref.: 3BSE088609 – EU DECLARATION OF CONFORMITY '- ABB Advant Master Process Control System)
Display Name:	3BSE002098R1

Additional Information	
Medium Description:	Power Supply

Product Type:	Power_Supply
Technical Information:	SB512 Power Supply. Input 110/230V AC or DC, '+10%-15%. Output 19-25V 1A max (20W). See spare part: connection cable TK404 3BSE003774R1 connection plug X4 2664177-3 Fuse Link 5 x 20 mm 3BSC770001R44 1.0 A 250V 56722011-17 2A 250V

Ordering

HS Code:	850440 -- ELECTRICAL MACHINERY AND EQUIPMENT AND PARTS THEREOF; SOUND RECORDERS AND REPRODUCERS, TELEVISION IMAGE AND SOUND RECORDERS AND REPRODUCERS, AND PARTS AND ACCESSORIES OF SUCH ARTICLES;Electrical transformers, static converters (for example, rectifiers) and inductors;Static converters
Customs Tariff Number:	85044082

Dimensions

Product Net Depth / Length:	216 mm
Product Net Height:	45 mm
Product Net Width:	130.5 mm
Product Net Weight:	0.85 kg

Environmental

RoHS Information:	Following EU Directive 2011/65/EU
WEEE Category:	5. Small Equipment (No External Dimension More Than 50 cm)
Number of Batteries:	0
SCIP:	ca770596-5021-4cdd-b7f5-a614fd4e5fee Sweden

Categories

Products > Control System Products > Power Supply Products > AC 100 Power > AC 100 Power - Units > SB512 Power Supplies > SB512 Power Supply

Parts & Services > Control Systems > Advant OCS with Master SW > Controllers > AC100 OPC

