

ABB SD834 3BSC610067R1

Installation and Verification Reference

20 A AC/DC input 24 VDC DIN-rail power supply

DOCUMENT SCOPE

Apter Power product reference prepared from product-specific ABB technical information. Confirm the complete product identity and installed-system requirements before use. No product photograph is included.

Product / lookup identity	ABB SD834 3BSC610067R1
Reference number	3BSC610067R1
Document basis	ABB technical documents listed on page 3



Product page

<https://www.apterpower.com/ABB/sd834>

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Workflow and system context

ABB SD834 3BSC610067R1 is a 480 W DIN-rail power supply with 100–240 VAC or 110–150 VDC input and 24 VDC, 20 A output. Its documented hardware function is 20 A AC/DC input 24 VDC DIN-rail power supply.

01	System Inputs: 20 A AC/DC input 24 VDC DIN-rail power supply
02	Processing: ABB SD834 3BSC610067R1 is a 480 W DIN-rail power supply with 100–240 VAC or 110–150 VDC input and 24 VDC, 20 A output.

Published context and boundaries

01	Confirm input protection, protective earth, output load, ventilation and the SS823 or SS832 voting unit when SD834 is used in a redundant supply arrangement.
02	Verify model SD834 and the complete order code on the physical label before use.
03	Match every SD834 connector, terminal, cable and companion assembly before moving field wiring.

Verification and release checks

01	Verify model SD834 and the complete order code on the physical label before use.
02	Confirm input protection, protective earth, output load, ventilation and the SS823 or SS832 voting unit when SD834 is used in a redundant supply arrangement.
03	Match every SD834 connector, terminal, cable and companion assembly before moving field wiring.
04	Back up the applicable controller, monitor, HMI or I/O configuration before replacing SD834.
05	Isolate energy and follow the approved site safety procedure before handling SD834.
06	Follow ESD controls and protect SD834 connectors and printed-circuit assemblies during handling.

Identity and release controls

Verification Status	Verified Product Reference
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Official ABB sources

ABB SD834 Compact Product Suite Datasheet	https://compacthardwareselector.automation.abb.com/pdf/download/d240b5eb-d8d9-4aa4-8d5d-b86284430c76?ts=638812363496332955
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