

ABB INDUSTRIAL DRIVES

Product Data Sheet

3AFE64803689

DC-link charging resistor

FUNCTION DC-link charging resistor	FAMILY ABB industrial drives	ORIGIN Sweden	WEIGHT 0.7 kg
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ABB Drives 3AFE64803689 is a DC-link charging resistor for the ABB industrial drives. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	DC-link charging resistor
Product Family	ABB industrial drives
Primary Function	Wirewound charging resistor
Electrical Design	5 ohm type marking
Signal or Power Path	CBHX165C5R414 identity
System Interface	Bolted cabinet installation
Mounting Arrangement	Drive precharge circuit
Configuration Reference	High-energy pulse duty
Replacement Control	Record wiring and companion hardware
Commissioning Check	Verify DC bus rise and bypass action

ADDITIONAL PRODUCT DATA

OFFICIAL APPLICATIONS

- Apply the DC-link precharge limiting: Use 3AFE64803689 for DC-link precharge limiting only after confirming the documented ABB industrial drives hardware, interfaces and operating conditions.
- Document the resistor and bypass inspection: Record resistor and bypass inspection, connector orientation, adjacent assemblies and controlled settings before removing the installed DC-link charging resistor.
- Verify the precharge-sequence testing: Complete precharge-sequence testing with qualified personnel, review diagnostics and retain the final acceptance record before service release.

SYSTEM COMPATIBILITY

Match 3AFE64803689 to the installed ABB industrial drives, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

ABB manufacturer documentation

<https://www.amikong.com/ABB-c37.html>

AMIKON PRODUCT SUPPORT

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