

ACS 1000

Product Data Sheet

3BHB002953R0101 XV C723 AE01

current scaling board

FUNCTION current scaling board	FAMILY ACS 1000	ORIGIN Switzerland	WEIGHT 0.85 kg
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ACS 1000 3BHB002953R0101 XV C723 AE01 is a current scaling board for the ACS 1000. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

CT (Current Transformer)	Burden resistor 0.1Ω
Operating Temperature	-40°C to +85°C
Storage Humidity	≤95% non-condensing
Input Range	0–600A AC/DC
Output Range	±10V DC / 4–20mA
Isolation Voltage	2.5kV RMS
Accuracy	±0.25% FS (25°C)
Bandwidth	DC – 10kHz
Drift	<75ppm/°C
Response Time	<50μs

ADDITIONAL PRODUCT DATA

Hall Effect Sensor	24V DC
Exact Article Code	3BHB002953R0101 XV C723 AE01
Board Designation	XV C723 AE01
Product Family	ACS 1000
Component Type	Current Scaling Board

OFFICIAL APPLICATIONS

- Operate the documented current scaling board: Use 3BHB002953R0101 XV C723 AE01 only in the ACS 1000 equipment position identified by the installed hardware list. Match the complete ABB article code, board designation and electrical interface before work begins.
- Restore every recorded connection: Photograph connector keying, terminal references, cable routing, protective earth and adjacent assemblies for 3BHB002953R0101 XV C723 AE01. Reconnect the documented interface without changing the approved cabinet arrangement.
- Validate diagnostics before release: After installing 3BHB002953R0101 XV C723 AE01, check power-up indications, controller or converter diagnostics and the affected control function. Record measured results and maintenance acceptance before returning the equipment to service.

SYSTEM COMPATIBILITY

Match 3BHB002953R0101 XV C723 AE01 to the installed ACS 1000, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ABB ACS 1000 documentation](#)

<https://new.abb.com/control-systems>

AMIKON PRODUCT SUPPORT

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