

ACS 1000

Product Data Sheet

3BHB002751R0102 XV C722 AE03

voltage scaling card

FUNCTION voltage scaling card	FAMILY ACS 1000	ORIGIN Switzerland	WEIGHT 0.85 kg
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ACS 1000 3BHB002751R0102 XV C722 AE03 is a voltage scaling card for the ACS 1000. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Operating Temperature	-40°C to +85°C
Humidity	≤95% non-condensing
Rated Input Voltage	3300V AC/DC ±10%
Output Signal	±10V DC
Isolation Voltage	8kV RMS
Bandwidth	DC – 5kHz (-3dB)
Linearity Error	≤±0.15% FS
Drift	<50ppm/°C
Output Ripple	<5mV p-p at 50Hz
Response Time	<500µs for step inputs

ADDITIONAL PRODUCT DATA

Input Impedance	1M Ω nominal
Exact Article Code	3BHB002751R0102 XV C722 AE03
Board Designation	XV C722 AE03
Product Family	ACS 1000
Component Type	Voltage Scaling Card

OFFICIAL APPLICATIONS

- Operate the documented voltage scaling card: Use 3BHB002751R0102 XV C722 AE03 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 3BHB002751R0102 XV C722 AE03. Reconnect the documented interface without changing the approved cabinet arrangement.
- Validate diagnostics before release: After installing 3BHB002751R0102 XV C722 AE03, 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 3BHB002751R0102 XV C722 AE03 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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