

ACS 550

Product Data Sheet

3BHE021951R0124 KVC758A

industrial power supply

FUNCTION industrial power supply	FAMILY ACS 550	ORIGIN Switzerland	WEIGHT 0.20 kg
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ACS 550 3BHE021951R0124 KVC758A is a industrial power supply for the ACS 550. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Processor	32-bit
Memory	512 kB FRAM
Input Voltage	DC 9–36V
Operating Voltage	220 V nominal
Output Frequency	30 kHz nominal
Isolation Voltage	1500 V DC
Operating Temperature	+5°C to +55°C
Storage Temperature	–40°C to +70°C
Exact Article Code	3BHE021951R0124 KVC758A
Board Designation	KVC758A

ADDITIONAL PRODUCT DATA

Product Family	ACS 550
Component Type	Industrial Power Supply
Assembly Class	ABB PCB assembly
System Interface	ACS 550 control interface
Control Supply	Documented rack control supply

OFFICIAL APPLICATIONS

- Balance turbine auxiliary control with Industrial Power: For the coordinated operation of the lube-oil pumps and turning gear, 3BHE021951R0124 KVC758A provides its specified system function as a industrial power supply. During unit run-up, the system uses this function to coordinate permissives and auxiliary equipment states, helping it support a stable transition to rated operation.
- Support aseptic filling with Industrial Power: For the coordinated operation of the fillers and container conveyors, 3BHE021951R0124 KVC758A provides its specified system function as a industrial power supply. During line-speed ramp, the system uses this function to keep container flow synchronized with filling demand, helping it move accepted containers toward inspection.
- Synchronize machine-tool automation with Industrial Power: Within the spindles, axes and tool changers, 3BHE021951R0124 KVC758A handles its designated signal or control duty as a industrial power supply. During cycle start, the system uses this function to coordinate the equipment states required by the active cycle, helping it complete the machining step with traceable status.

SYSTEM COMPATIBILITY

Match 3BHE021951R0124 KVC758A to the installed ACS 550, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ABB ACS 550 documentation](#)

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

AMIKON PRODUCT SUPPORT

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