

ACS 550

Product Data Sheet

3BHE021951R0124 KVC758 A124

industrial power supply

FUNCTION industrial power supply	FAMILY ACS 550	ORIGIN Switzerland	WEIGHT 0.20 kg
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ACS 550 3BHE021951R0124 KVC758 A124 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 KVC758 A124
Board Designation	KVC758 A124

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 robotic handling with Industrial Power: As part of the robots, grippers and transfer fixtures, 3BHE021951R0124 KVC758 A124 provides its specified system function as a industrial power supply. During fault recovery, the system uses this function to restore the cell from a defined intermediate state, helping it resume material flow without losing part identity.
- Supervise filtration backwash with Industrial Power: Across the filter cells and backwash valves, 3BHE021951R0124 KVC758 A124 operates in its approved product-family role as a industrial power supply. During filter loading, the system uses this function to sequence isolation, drain and rinse paths, helping it return the filter to production in a known state.
- Sequence paint-shop conveying with Industrial Power: In the automation chain for the carrier tracking and booth interfaces, 3BHE021951R0124 KVC758 A124 supports the configured automation role as a industrial power supply. During carrier accumulation, the system uses this function to route carriers by production status, helping it preserve body order through the process.

SYSTEM COMPATIBILITY

Match 3BHE021951R0124 KVC758 A124 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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