

ABB ROBOTS

Product Data Sheet

3HAB8101-8/15C

industrial rectifier dc2

FUNCTION industrial rectifier dc2	FAMILY ABB Robots	ORIGIN Sweden	WEIGHT 3.60 kg
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ABB Robots 3HAB8101-8/15C is a industrial rectifier dc2 for the ABB Robots. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Tariff Code	8504409570
Exact Article Code	3HAB8101-8/15C
Product Family	ABB Robots
Component Type	Industrial Rectifier Dc2
Assembly Class	ABB PCB assembly
System Interface	ABB Robots control interface
Control Supply	Documented rack control supply
Connector Interface	Keyed ABB board connectors
Installation Format	Plug-in control board
Signal Domain	Control and diagnostic signals

Service Position	Documented rack slot
Configuration Basis	Installed ABB hardware list
Replacement Basis	Exact article and board revision
Protective Check	ESD and protective-earth control
Commissioning Check	Power-up diagnostics and function test

- Maintain filtration backwash with Industrial Rectifier: In the automation chain for the filter cells and backwash valves, 3HAB8101-8/15C performs its assigned control role as a industrial rectifier dc2. 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.
- Integrate pallet transfer with Industrial Rectifier: During operation of the turntables, lifts and shuttle cars, 3HAB8101-8/15C supports the configured automation role as a industrial rectifier dc2. During blocked-zone recovery, the system uses this function to re-establish the transfer path after the obstruction clears, helping it resume flow without losing tracking data.
- Verify recipe mixing with Industrial Rectifier: Within the mixers and ingredient skids, 3HAB8101-8/15C operates in its approved product-family role as a industrial rectifier dc2. During recipe changeover, the system uses this function to sequence material transfers and equipment permissives, helping it preserve the verified batch state.

Match 3HAB8101-8/15C to the installed ABB Robots, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[ABB ABB Robots documentation](#)

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

AMIKON PRODUCT SUPPORT

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