

ABB ROBOTS

Product Data Sheet

3HAB8101-8/15A

industrial rectifier dc2

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

01

VERIFIED TECHNICAL DATA

Exact Article Code	3HAB8101-8/15A
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

ADDITIONAL PRODUCT DATA

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
Maintenance Identity	3HAB8101-8/15A controlled service identity

OFFICIAL APPLICATIONS

- Govern cooling-water circulation with Industrial Rectifier: As part of the circulating pumps and heat exchangers, 3HAB8101-8/15A provides its specified system function as a industrial rectifier dc2. During controlled shutdown, the system uses this function to sequence redundant equipment around the operating unit, helping it keep heat rejection available to the process.
- Route aseptic filling with Industrial Rectifier: During operation of the fillers and container conveyors, 3HAB8101-8/15A supports the configured automation role as a industrial rectifier dc2. During line-speed ramp, the system uses this function to keep container flow synchronized with filling demand, helping it move accepted containers toward inspection.
- Manage body transfer with Industrial Rectifier: At the control layer of the skid conveyors and lift stations, 3HAB8101-8/15A performs its assigned control role as a industrial rectifier dc2. During model change, the system uses this function to coordinate motion requests and station interlocks, helping it keep the assembly takt moving.

SYSTEM COMPATIBILITY

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

OFFICIAL SOURCES

[ABB ABB Robots documentation](#)

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

AMIKON PRODUCT SUPPORT

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