

ABB ROBOTS

Product Data Sheet

3HAB8101-8/17A

industrial rectifier dc2

FUNCTION industrial rectifier dc2	FAMILY ABB Robots	ORIGIN Sweden	WEIGHT 3.60 kg
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ABB Robots 3HAB8101-8/17A 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
Country of Origin	Ireland
Exact Article Code	3HAB8101-8/17A
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

- Synchronize turbine auxiliary control with Industrial Rectifier: Inside the lube-oil pumps and turning gear, 3HAB8101-8/17A serves its documented function as a industrial rectifier dc2. 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.
- Verify conveyor routing with Industrial Rectifier: Across the zone conveyors and merge points, 3HAB8101-8/17A operates in its approved product-family role as a industrial rectifier dc2. During route change, the system uses this function to coordinate destination data with equipment permissives, helping it move the item to the assigned process.
- Align press sequencing with Industrial Rectifier: Within the feed systems, dies and safety interfaces, 3HAB8101-8/17A performs its assigned control role as a industrial rectifier dc2. During part change, the system uses this function to apply the selected product recipe to the sequence, helping it produce the intended part without skipping an interlock.

Match 3HAB8101-8/17A 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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