

ABB ROBOTS

Product Data Sheet

3HEA800906-001

node splitter module

FUNCTION node splitter module	FAMILY ABB Robots	ORIGIN Sweden	WEIGHT 0.20 kg
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ABB Robots 3HEA800906-001 is a node splitter module for the ABB Robots. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Input Voltage	24 V DC
Input Current	10 mA (typical)
Output Channels	16 (isolated)
Operating Temperature	−20 °C ... +70 °C
Storage Temperature	−40 °C ... +85 °C
Exact Article Code	3HEA800906-001
Product Family	ABB Robots
Component Type	Node Splitter Module
Assembly Class	ABB PCB assembly
System Interface	ABB Robots control interface

ADDITIONAL PRODUCT DATA

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

OFFICIAL APPLICATIONS

- Synchronize turbine auxiliary control with Node Splitter: Within the lube-oil pumps and turning gear, 3HEA800906-001 operates in its approved product-family role as a node splitter module. 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 press sequencing with Node Splitter process control: For the coordinated operation of the feed systems, dies and safety interfaces, 3HEA800906-001 provides its specified system function as a node splitter module. 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.
- Control recipe mixing with Node Splitter process control: During operation of the mixers and ingredient skids, 3HEA800906-001 provides its specified system function as a node splitter module. During recipe changeover, the system uses this function to sequence material transfers and equipment permissives, helping it preserve the verified batch state.

SYSTEM COMPATIBILITY

Match 3HEA800906-001 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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