

ABB AC 800PEC

Product Data Sheet

3BHE016011R0002 UNS0118a-Z

industrial control module assembly

FUNCTION industrial control module assembly	FAMILY ABB AC 800PEC	ORIGIN Switzerland	WEIGHT 0.94 kg
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ABB AC 800PEC 3BHE016011R0002 UNS0118a-Z is a industrial control module assembly for the ABB AC 800PEC. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Power Supply	Typically 24 V DC (±20%)
Power Consumption	Around 10 W
Operating Temperature Range	-20°C to +60°C
Storage Temperature Range	-40°C to +85°C
Humidity	5% to 95% (non-condensing)
Protocols Supported	CAN, Modbus
Exact Article Code	3BHE016011R0002 UNS0118a-Z
Board Designation	UNS0118a-Z
Product Family	ABB AC 800PEC
Component Type	Industrial Control Module Assembly

ADDITIONAL PRODUCT DATA

Assembly Class	ABB PCB assembly
System Interface	ABB AC 800PEC control interface
Control Supply	Documented rack control supply
Connector Interface	Keyed ABB board connectors
Installation Format	Plug-in control board

OFFICIAL APPLICATIONS

- Support raw-water pumping with Industrial Control: At the control layer of the intake pumps and wet wells, 3BHE016011R0002 UNS0118a-Z performs its assigned control role as a industrial control module assembly. During peak-flow demand, the system uses this function to coordinate pump duty and level response, helping it maintain hydraulic continuity.
- Maintain terminal transfer during transfer start: In the automation chain for the loading pumps and metering runs, 3BHE016011R0002 UNS0118a-Z performs its assigned control role as a industrial control module assembly. During transfer start, the system uses this function to prove the flow path before product movement, helping it start transfer with the intended containment path.
- Coordinate reactor charging with Industrial Control: As part of the feed valves, vessels and agitators, 3BHE016011R0002 UNS0118a-Z handles its designated signal or control duty as a industrial control module assembly. During batch initiation, the system uses this function to sequence the material path against vessel readiness, helping it begin the reaction from a verified state.

SYSTEM COMPATIBILITY

Match 3BHE016011R0002 UNS0118a-Z to the installed ABB AC 800PEC, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ABB ABB AC 800PEC documentation](#)

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

AMIKON PRODUCT SUPPORT

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