

ABB AC 800PEC

Product Data Sheet

3BHE022294R0101 GFD233 A

industrial analog module

FUNCTION industrial analog module	FAMILY ABB AC 800PEC	ORIGIN Switzerland	WEIGHT 1.40 kg
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ABB AC 800PEC 3BHE022294R0101 GFD233 A is a industrial analog module for the ABB AC 800PEC. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Channel-to-channel	300V AC
Operating Temperature	-25°C to +70°C (-13°F to +158°F)
Relative Humidity	5–95% non-condensing
Analog Inputs	8–16 channels
Voltage Ranges	±10V, 0–10V, 1–5V
Current Ranges	4–20 mA, 0–20 mA
Analog Outputs	4–8 channels
Voltage	0–10V, ±10V
Current	4–20 mA
Resolution	16-bit ADC/DAC

ADDITIONAL PRODUCT DATA

Exact Article Code	3BHE022294R0101 GFD233 A
Board Designation	GFD233 A
Product Family	ABB AC 800PEC
Component Type	Industrial Analog Module
Assembly Class	ABB PCB assembly

OFFICIAL APPLICATIONS

- Integrate stock preparation with Industrial Analog: For the coordinated operation of the pulp chests and refiners, 3BHE022294R0101 GFD233 A provides its specified system function as a industrial analog module. During grade change, the system uses this function to coordinate flow, consistency and equipment permissives, helping it deliver stable stock to the machine.
- Maintain reactor charging with Industrial Analog: For the coordinated operation of the feed valves, vessels and agitators, 3BHE022294R0101 GFD233 A serves its documented function as a industrial analog module. 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.
- Integrate terminal transfer with Industrial Analog: Within the loading pumps and metering runs, 3BHE022294R0101 GFD233 A serves its documented function as a industrial analog module. 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.

SYSTEM COMPATIBILITY

Match 3BHE022294R0101 GFD233 A 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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