

ABB AC 800PEC

Product Data Sheet

3BHE022678R0105 GDD830 B105

gate drive pcb circuit board

FUNCTION gate drive pcb circuit board	FAMILY ABB AC 800PEC	ORIGIN Switzerland	WEIGHT 0.25 kg
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ABB AC 800PEC 3BHE022678R0105 GDD830 B105 is a gate drive pcb circuit board for the ABB AC 800PEC. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Logic Power Supply	5V/12V
Operating Temperature Range	-25°C to +70°C
Storage Temperature Range	-40°C to +85°C
Humidity	10% to 95%, non-condensing
Exact Article Code	3BHE022678R0105 GDD830 B105
Board Designation	GDD830 B105
Product Family	ABB AC 800PEC
Component Type	Gate Drive Pcb Circuit Board
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
Signal Domain	Control and diagnostic signals
Service Position	Documented rack slot

- Coordinate carton forming with Gate Drive process control: Within the blank feeders and folding stations, 3BHE022678R0105 GDD830 B105 performs its assigned control role as a gate drive pcb circuit board. During registration correction, the system uses this function to apply the selected format to the machine sequence, helping it produce the intended package geometry.
- Maintain stock preparation with Gate Drive process control: Within the pulp chests and refiners, 3BHE022678R0105 GDD830 B105 operates in its approved product-family role as a gate drive pcb circuit board. During grade change, the system uses this function to coordinate flow, consistency and equipment permissives, helping it deliver stable stock to the machine.
- Synchronize paint-shop conveying with Gate Drive: Within the carrier tracking and booth interfaces, 3BHE022678R0105 GDD830 B105 performs its assigned control role as a gate drive pcb circuit board. During carrier accumulation, the system uses this function to route carriers by production status, helping it preserve body order through the process.

Match 3BHE022678R0105 GDD830 B105 to the installed ABB AC 800PEC, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[ABB ABB AC 800PEC documentation](#)

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

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